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# Technical Memorandum

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S. Berninger (NYSDOH)

**Date:** 08 January 2026

**Re:** Pilot Study II Results Memo
ABC Block 26
Long Island City, NY
BCP Site No. C241174
Langan Project No. 170340203

Dear Mr. Allan:

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C (Langan) presents this Pilot Study II Results Memo for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C241174 (ABC Block 26 or the site). The site is located at 5-25 46th Avenue in Long Island City, New York and is identified as Queens Tax Block 26, Lots 17 and 21. A site location map is provided as Figure 1.

As requested by the NYSDEC and New York State Department of Health (NYSDOH) in the Pilot Study Results Memo Approval Letter sent on 7 April 2025 (Appendix A), Langan completed a second field pilot study, referred to as "Pilot Study II", to evaluate effectiveness of employing certain best management practices (BMPs) to control impacts to air quality during light non-aqueous phase liquid (LNAPL) recovery events. The Pilot Study II results will be used to refine the scope of work for the forthcoming NAPL Recovery Interim Remedial Measures Work Plans (IRMWP) for the site and the other two ABC BCP sites (ABC Block 25 [BCP Site No. C241173] and ABC Block 27 [BCP Site No. C241175]).

## SITE BACKGROUND

The ABC sites enrolled in the NYSDEC BCP in 2015. Remedial investigations (RI) and Supplemental Remedial Investigations (SRI) were performed on all three sites between August 2016 and February 2022. NAPL was identified on all three BCP sites during the RIs. On 4 May 2023, the NYSDEC approved the Remedial Investigation Reports (RIR) for all three BCP sites. During a conference call on 15 May 2023, the NYSDEC agreed to a conceptual course of action to start addressing BCP remediation requirements through IRMWPs. During a subsequent meeting on 27 June 2023 with the NYSDEC and NYSDOH, the NYSDEC agreed that the scope of the IRMWPs at all three BCP sites would include inspection and repair of the current cover systems and LNAPL recovery events. The NYSDEC and NYSDOH asked the Participant to conduct a pilot study, referred to as "Pilot Study I", on one of the BCP sites (ABC Block 26 BCP was selected) to evaluate whether product recovery events occurring within building interiors could adversely impact indoor air at the sites.

Distinct sources of LNAPL were identified during the RIs at the ABC sites. Mineral spirits and diesel fuel related to the upgradient Paragon Paint and Varnish Corp. BCP site were identified in the eastern part of ABC Block 26. Residual/weathered LNAPL (without a clear hydrocarbon signature) related to historical on-site petroleum bulk storage was identified in defined areas on all three sites. Since both of these sources/types of LNAPL were observed at ABC Block 26 (but mineral spirits and diesel fuel were not observed on the other ABC BCP sites), ABC Block 26 was selected as the test site for the pilot study.

Langan submitted a pilot study work plan for the initial pilot study to the NYSDEC and NYSDOH on 21 August 2023, and upon approval by the NYSDEC, Langan implemented the work plan on 10 and 17 February 2024. Langan issued a pilot study results memorandum to the NYSDEC and NYSDOH on 19 February 2025 (Appendix B). Based on the results, Langan recommended conducting a second iteration of the pilot study with a focus on evaluating indoor air quality during absorbent sock replacement activity when BMPs are employed (i.e., opening exterior doors/windows and using a fan) to assess the effectiveness of these practices on mitigating impacts to indoor air quality. The NYSDEC agreed with Langan's recommendation and requested a second field pilot study work plan in a Pilot Study Results Approval Letter dated 7 April 2025. This second field pilot study work plan (Pilot Study II Work Plan) was submitted to NYSDEC on 27 May 2025 and approved by NYSDEC on 24 June 2025.

Langan proposed utilizing monitoring well C241174_MW30D (where the observed LNAPL is related to historical on-site petroleum bulk storage) and neighboring monitoring wells C241174_MW16D and C241174_MW19D (where the observed LNAPL is related to the Paragon Paint and Varnish Corp. BCP site) for Pilot Study II. Monitoring wells C241174_MW16D and C241174_MW19D are in the workshop of an electric scooter manufacturer. Monitoring well

C241174_MW30D is in a workshop of an architectural fabrication company. Methylene chloride was detected in indoor air in the C241174_MW30D location during the RI, SRIs, and Pilot Study I, and was attributed to tenant operations, which includes light industrial manufacturing and fabrication.

## PILOT STUDY II IMPLEMENTATION

Pilot Study II was completed in accordance with the 2025 Pilot Study II Work Plan during three separate field deployments (one field day each) to 1) evaluate indoor air quality during product recovery events while BMPs were employed, 2) to assess the effectiveness of these practices on mitigating impacts to indoor air quality, and 3) to evaluate the return of indoor air quality to baseline conditions after the product recovery events. No tenants were present during LNAPL recovery events.

Baseline Indoor Air Sampling and Absorbent Sock Deployment

During the first field deployment, Langan completed a baseline air sampling event in two locations – one near monitoring well C241174_MW30D and one between monitoring wells C241174_MW16D and C241174_MW19D, referred to as C241174_MW16D19D.

Before absorbent sock installation, a baseline product/chemical inventory, NYSDOH indoor air quality questionnaire, and a baseline indoor air and ambient air sampling event were completed for each location (Appendix C). The sampling event occurred after the inventory and questionnaire were completed. Before, during, and after implementing of the baseline indoor air sampling event, a photoionization detector (PID) was used to periodically monitor volatile organic compounds (VOC) within the immediate areas of the work zone. Indoor air samples and ambient air samples were collected over a 2-hour sampling period into laboratory-supplied batch-certified clean 6-liter Summa® canisters with calibrated flow controllers and analyzed for VOCs via United States Environmental Protection Agency (USEPA) method TO-15, Select Ion Monitoring (SIM) to achieve lower reporting for select compounds.[1,2] The indoor air samples were collected at a height above the ground that represents the breathing zone (about 3 to 5 feet). The ambient air samples were collected from a location upwind of the fresh air intake for each building to evaluate potential outdoor air interferences. Mechanical heating, ventilation, and air conditioning (HVAC) systems operated normally and windows and/or doors were closed during the baseline air sampling.

[1] Analytical services protocol (ASP) Category B data packages will be requested from the laboratory.

[2] TO-15 SIM analysis was used to provide reporting limits of 0.20 micrograms per cubic meter or lower for trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, and vinyl chloride.

On the same day as air sampling but after the baseline samples were collected, Langan installed absorbent socks[3] at monitoring wells C241174_MW16D and C241174_MW19D. An absorbent sock was not installed in C241174_MW30D, as there was an existing absorbent sock from Pilot Study I. The air sampling locations from the baseline event are included on the Pilot Study II Results Map (Figure 2). A sample summary is included as Table 1.

Indoor Air Sampling and LNAPL Recovery Event

One week after the first deployment, Langan returned to the site to change out the absorbent socks at monitoring wells C241174_MW30D, C241174_MW16D, and C241174_MW19D and collected indoor air and ambient air samples during the retrieval, change-out, and disposal process (a duration of approximately 20 minutes during the 2-hour sampling event).

The indoor and ambient sampling locations were the same as the baseline samples and the sampling methodology was consistent with the baseline event. Before the air monitoring event, a chemical inventory and NYSDOH indoor air quality questionnaire were completed for each sampling location (Appendix C). Before, during, and after implementing the LNAPL recovery indoor air sampling event, a PID was used to periodically monitor VOCs within the immediate area of the work zone. The sock change-out and disposal process occurred during the indoor air and ambient air sampling event and included collecting spent absorbent socks from the monitoring wells and placing them directly into a high-density polyethylene (HDPE) bucket with a lid, which was used to transfer the spent socks to a 55-gallon drum stored in a secured outdoor area at the adjoining ABC Block 27 site.

During Pilot Study II, BMPs were implemented during sock changeout events. Mechanical HVAC systems operated normally and windows and/or doors were opened about 15-30 minutes before the start of the sock changeout and air sampling. Fans were used adjacent to the sock changeout locations to move air towards the open windows and/or doors. In the C241174_MW16D19D location, multiple fans were used, including two Dri-Eaz Stealth AV3000 High Velocity Air Movers, a Central Machinery 30-inch Industrial Pedestal Fan, and a Commercial Electric 24-inch Tilt Drum Fan. In the C241174_MW30D location, multiple fans were used, including two Dri-Eaz Stealth AV3000 High Velocity Air Movers, a DeWalt 24" Drum Fan, and a B-Air VP-25 Air Mover. The fans were turned on about 15-30 minutes before the start of the sock changeout and air sampling.

The air sampling event during the LNAPL recovery effort included the following steps:

1. Summa® canisters were positioned adjacent to the monitoring well(s) at the same distance and height as recorded during the baseline sampling event.

[3] Pig® hydrophobic monitoring well skimming sock (1.5" x 18")

2. The flow controller was opened about 30 minutes before absorbent sock retrieval and change-out.
3. At about the 30-minute mark, Langan:
    a. opened the well cover and cap
    b. recorded the monitoring well headspace PID reading, depth to product, and depth to water readings
    c. retrieved the absorbent sock and placed it into an HDPE bucket with a lid
    d. gauged the monitoring well for depth to LNAPL and/or water
    e. attached string to a new absorbent sock and deployed the sock into the monitoring well(s)
    f. affixed the string to the well cap
    g. closed and tightened the well cap and cover
4. The spent absorbent sock was transferred from the HDPE bucket to a 55-gallon storage drum located at ABC Block 27.
5. The vacuum pressure was continually monitored and the sampling period was stopped before or at about the 120-minute mark.
6. Once the canisters were closed, Langan turned off the fans and closed any doors and/or windows opened for the sampling event.
7. The sample canisters were delivered to the laboratory courier under standard chain of custody protocol for analysis of VOCs via USEPA method TO-15 SIM.

The sampling locations from the LNAPL recovery event are included on the Pilot Study II Results Map (Figure 2). A sample summary is included as Table 1.

Post-LNAPL Recovery Event Indoor Air Sampling

About 24 hours after the LNAPL recovery event, Langan returned to the site and collected indoor air and ambient air samples to evaluate if indoor air quality, to the extent affected during the change-outs, returned to baseline conditions.

Before the air monitoring event, a chemical inventory and NYSDOH indoor air quality questionnaire were completed for each sampling location (Appendix C). A PID was used to periodically monitor VOCs within the immediate area of the work zone. The indoor and ambient sampling locations were the same as the baseline event sample locations and the sampling

methodology was consistent with the baseline event. Mechanical HVAC systems operated normally and windows and/or doors were closed during the air sampling event.

The sampling locations from the post-LNAPL recovery event are included on the Pilot Study II Results Map (Figure 2). A sample summary is included as Table 1.

## FIELD OBSERVATIONS AND ANALYTICAL RESULTS

The indoor and ambient air sampling logs are included as Appendix D. Tabulated analytical results from the baseline event, LNAPL recovery event, and post-LNAPL recovery event are presented in Tables 2, 3, and 4, respectively.

Methylene chloride was detected above the NYSDOH AGV (air guidance value) of 60 µg/$m^3$ at C241174_MW30D only during the baseline sampling event (71 µg/$m^3$). No other analytes exceeded the NYSDOH AGVs during the three sampling events at either sampling location.

The analytical results from air samples collected at both sampling locations (C241174_MW30D and C241174_MW16D19D) were also compared to mean indoor air concentrations from USEPA's Building Assessment Survey Evaluation (BASE) database.[4] The study measured concentrations of VOCs in indoor and outdoor air at 100 randomly selected public and commercial office buildings across the United States. Twelve VOCs exceeded the BASE mean indoor air concentrations throughout the baseline, LNAPL recovery event, and/or post-LNAPL recovery samples across both sampling locations and are listed in the table below:

| | C241174_ MW16D/MW19D | C241174_MW30D |
|---|---|---|
| Baseline Event | Three VOCs exceeded BASE database mean:<br>Carbon tetrachloride; methyl ethyl ketone (2-butanone), toluene | Ten VOCs exceeded BASE database mean:<br>Acetone, carbon tetrachloride, ethylbenzene, m,p-xylene, methyl ethyl ketone (2-butanone), methylene chloride, n-hexane, o-xylene (1,2-dimethylbenzene), styrene, toluene |
| LNAPL Recovery Event | Two VOCs exceeded BASE database mean: | No VOCs exceeded BASE database mean |

[4] Appendix C, Table C.2 (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 (as amended)).

| | | |
|---|---|---|
| | 1,1,2-Trichloroethane, methyl ethyl ketone (2-butanone) | |
| Post-LNAPL Recovery Event | Three VOCs exceeded BASE database mean:<br>Carbon tetrachloride; methyl ethyl ketone (2-butanone), toluene | Four VOCs exceeded BASE database mean:<br>Acetone, cis-1,2-dichloroethene, methylene chloride, styrene |

The laboratory analytical data reports are provided in Appendix E. The data were validated in accordance with the standard protocols and a Data Usability Summary Report (DUSR) is provided in Appendix F. A photographic log of the baseline, LNAPL recovery, and post-LNAPL recovery events is provided in Appendix G. Electronic Deliverable Documents (EDDs) were submitted to the NYSDEC on December 3, 2025.

Monitoring well headspace PID readings, depth to product, and depth to water readings were recorded at each well during the LNAPL recovery event and shown in the table below:

| Monitoring well | PID headspace reading (PPM)[5] | Depth to Product (ft bTOC)[6] | Depth to water (ft bTOC) | Product Thickness (ft) |
|---|---|---|---|---|
| C241174_MW16D | 83.0 | 10.70 | 10.81 | 0.11 |
| C241174_MW19D | 173.1 | 10.55 | 11.92 | 0.37 |
| C241174_MW30D | 232.0 | 11.75 | 12.09 | 0.34 |

Petroleum-like odors were observed at each location when the wells were accessed.

## CONCLUSIONS

The findings and conclusions of Pilot Study II are as follows:

- At sample location C241174_MW30D, indoor air samples collected during the LNAPL recovery event exhibited lower concentrations of some VOCs compared to the indoor air

[5] PPM = parts per million
[6] bTOC = below top of well casing

samples in both the baseline and post-LNAPL recovery events, suggesting the BMPs were effective in mitigating indoor air quality impacts, including both the contribution of VOCs from tenant operations, and the contribution of VOCs from the absorbent sock replacement activity. Methylene chloride was detected above the NYSDOH AGV of 60 µg/m$^3$ at C241174_MW30D only during the baseline sampling event (71 µg/m$^3$) and was detected at lower levels during the LNAPL recovery event (5.7 µg/m$^3$) and post-LNAPL recovery event (34 µg/m$^3$). Methylene chloride was also detected in indoor air in this location during the RI, SRIs, and Pilot Study I, and was attributed to tenant operations, including light industrial manufacturing and fabrication. No other VOCs exceeded the NYSDOH AGV in air samples from the three sampling events at this location. Compared to the BASE database mean, ten VOCs exceeded the mean during the baseline event, no VOCs exceeded the mean during the LNAPL recovery event, and four VOCs exceeded the mean during the post-LNAPL recovery event.

- At sample location C241174_MW16D19D, indoor air samples collected during the LNAPL recovery event exhibited lower concentrations of some VOCs compared to the indoor air samples in both the baseline and post-LNAPL recovery events, suggesting the BMPs were effective in mitigating indoor air quality impacts, including both the contribution of VOCs from tenant operations, and the contribution of VOCs from the absorbent sock replacement activity. No VOCs exceeded the NYSDOH AGV in air samples from the three events at this location. Compared to the BASE database mean, three VOCs exceeded the mean during the baseline event, two VOCs exceeded the mean during the LNAPL recovery event, and three VOCs exceeded the mean during the post-LNAPL recovery event.
- Carbon disulfide, a byproduct of anaerobic biodegradation (a documented condition evident from microbial testing in groundwater testing for the site in the RI), which was detected during the LNAPL recovery event samples during Pilot Study I, was not detected in the samples during all three events at both locations during Pilot Study II.
- Pilot Study II evaluated indoor air quality during absorbent sock replacement activity efforts when BMPs were employed. Based on the levels of VOCs detected in indoor air samples during the LNAPL recovery event compared to the levels of VOCs detected in indoor air during both the baseline and post-LNAPL recovery events, BMPs were effective in mitigating impacts to indoor air quality in the two locations where Pilot Study II was performed.
- Langan notes that there are many variables for each indoor air space (i.e., building envelope construction, partitions and interior floor layout, ceiling height, HVAC system type and configuration, locations and size of openings to outside air [windows and doors])

that may affect both indoor air quality during LNAPL recovery events and the effectiveness of the best management practices used; however, use of similar BMPs implemented during Pilot Study II should prove effective in mitigating adverse impacts to indoor air quality when the forthcoming IRMs are implemented on ABC Blocks 25, 26, and 27.

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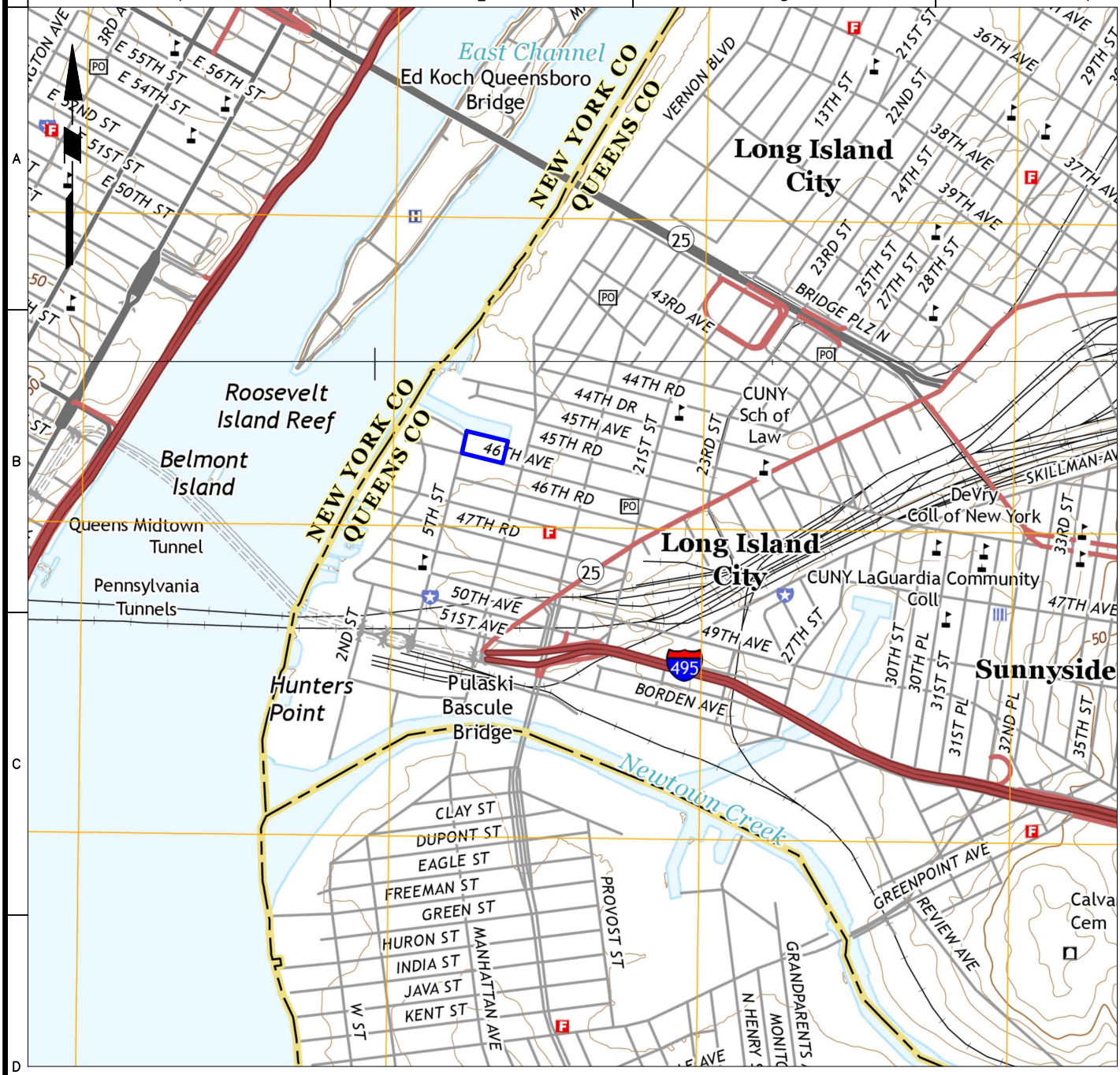
# FIGURES




LEGEND

APPROXIMATE SITE BOUNDARY

SOURCE: UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAP, BROOKLYN (2016) AND CENTRAL PARK (2016)

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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| Project | Figure Title | Project No. | Figure No. |
|---|---|---|---|
| ABC - BLOCK 26<br>BLOCK No. 26, LOT Nos. 17 and 21<br>QUEENS NEW YORK | SITE LOCATION MAP | 170340203<br>Date 8/9/2023<br>Drawn By ANN<br>Checked By GW | 1 |

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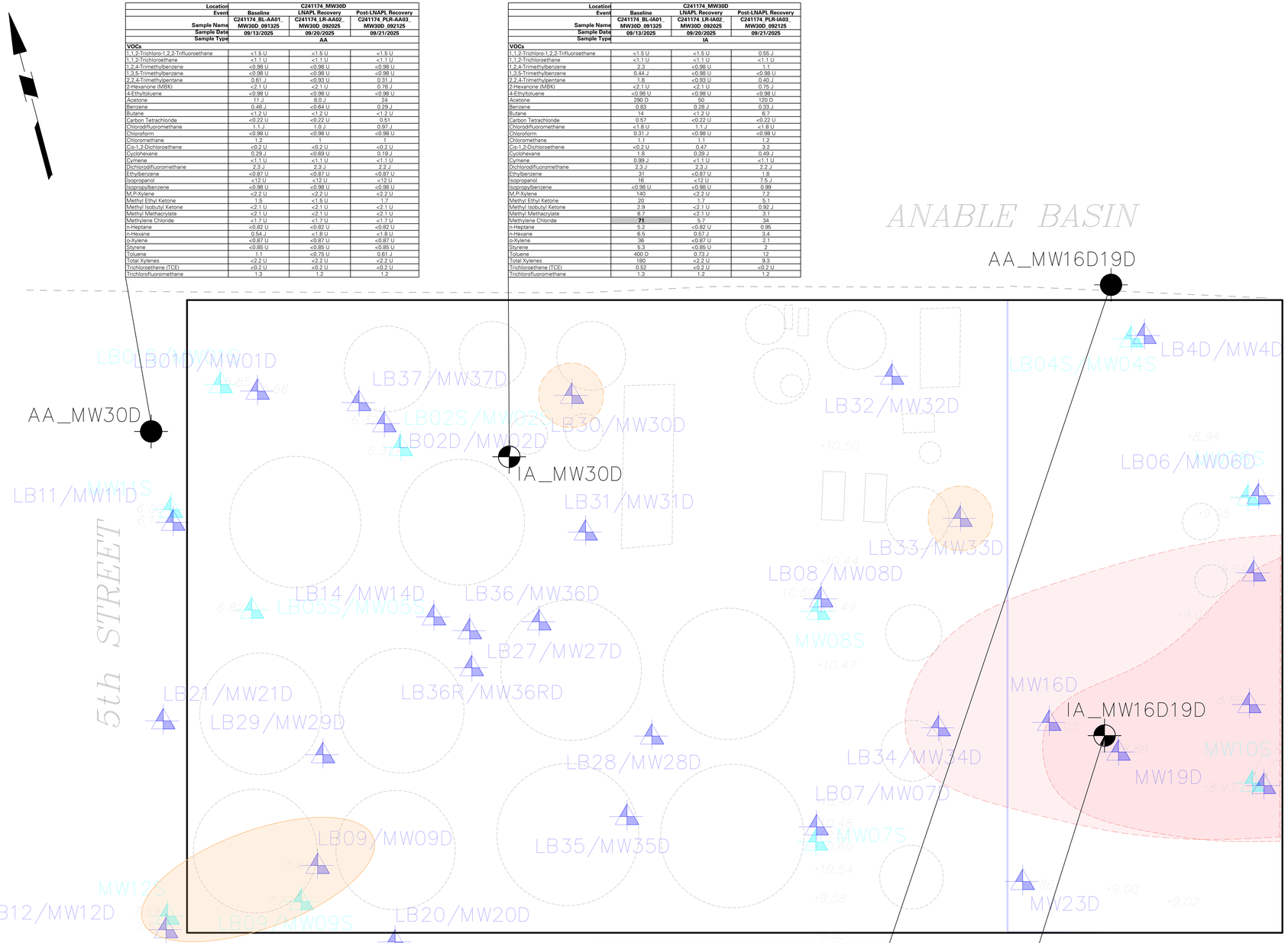
Filename: \\langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 26 - C241174\LNAPL Pilot Study\Figure 1 - Site Location Map.dwg Date: 8/9/2023 Time: 13:22 User: anesci Style Table: Langan.stb Layout: ANSIA-BP

| Location | C241174_MW30D | | |
|---|---|---|---|
| Event | Baseline | LNAPL Recovery | Post-LNAPL Recovery |
| Sample Name | C241174_BL-AA01_MW30D_091325 | C241174_LR-AA02_MW30D_092025 | C241174_PLR-AA03_MW30D_092125 |
| Sample Date | 09/13/2025 | 09/20/2025 | 09/21/2025 |
| Sample Type | | AA | |
| **VOCs** | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <1.5 U | <1.5 U | <1.5 U |
| 1,1,2-Trichloroethane | <1.1 U | <1.1 U | <1.1 U |
| 1,2,4-Trimethylbenzene | <0.98 U | <0.98 U | <0.98 U |
| 1,3,5-Trimethylbenzene | <0.98 U | <0.98 U | <0.98 U |
| 2,2,4-Trimethylpentane | 0.61 J | <0.93 U | 0.31 J |
| 2-Hexanone (MBK) | <2.1 U | <2.1 U | 0.78 J |
| 4-Ethyltoluene | <0.98 U | <0.98 U | <0.98 U |
| Acetone | 11 J | 8.0 J | 24 |
| Benzene | 0.48 J | <0.64 U | 0.29 J |
| Butane | <1.2 U | <1.2 U | <1.2 U |
| Carbon Tetrachloride | <0.22 U | <0.22 U | 0.51 |
| Chlorodifluoromethane | 1.1 J | 1.0 J | 0.97 J |
| Chloroform | <0.98 U | <0.98 U | <0.98 U |
| Chloromethane | 1.2 | 1 | 1 |
| Cis-1,2-Dichloroethene | <0.2 U | <0.2 U | <0.2 U |
| Cyclohexane | 0.29 J | <0.69 U | 0.19 J |
| Cymene | <1.1 U | <1.1 U | <1.1 U |
| Dichlorodifluoromethane | 2.3 J | 2.3 J | 2.2 J |
| Ethylbenzene | <0.87 U | <0.87 U | <0.87 U |
| Isopropanol | <12 U | <12 U | <12 U |
| Isopropylbenzene | <0.98 U | <0.98 U | <0.98 U |
| M,P-Xylene | <2.2 U | <2.2 U | <2.2 U |
| Methyl Ethyl Ketone | 1.5 | <1.5 U | 1.7 |
| Methyl Isobutyl Ketone | <2.1 U | <2.1 U | <2.1 U |
| Methyl Methacrylate | <2.1 U | <2.1 U | <2.1 U |
| Methylene Chloride | <1.7 U | <1.7 U | <1.7 U |
| n-Heptane | <0.82 U | <0.82 U | <0.82 U |
| n-Hexane | 0.54 J | <1.8 U | <1.8 U |
| o-Xylene | <0.87 U | <0.87 U | <0.87 U |
| Styrene | <0.85 U | <0.85 U | <0.85 U |
| Toluene | 1.1 | <0.75 U | 0.61 J |
| Total Xylenes | <2.2 U | <2.2 U | <2.2 U |
| Trichloroethene (TCE) | <0.2 U | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 1.3 | 1.2 | 1.2 |

| Location | C241174_MW30D | | |
|---|---|---|---|
| Event | Baseline | LNAPL Recovery | Post-LNAPL Recovery |
| Sample Name | C241174_BL-IA01_MW30D_091325 | C241174_LR-IA02_MW30D_092025 | C241174_PLR-IA03_MW30D_092125 |
| Sample Date | 09/13/2025 | 09/20/2025 | 09/21/2025 |
| Sample Type | | IA | |
| **VOCs** | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <1.5 U | <1.5 U | 0.55 J |
| 1,1,2-Trichloroethane | <1.1 U | <1.1 U | <1.1 U |
| 1,2,4-Trimethylbenzene | 2.3 | <0.98 U | 1.1 |
| 1,3,5-Trimethylbenzene | 0.44 J | <0.98 U | <0.98 U |
| 2,2,4-Trimethylpentane | 1.8 | <0.93 U | 0.40 J |
| 2-Hexanone (MBK) | <2.1 U | <2.1 U | 0.75 J |
| 4-Ethyltoluene | <0.98 U | <0.98 U | <0.98 U |
| Acetone | 290 D | 50 | 120 D |
| Benzene | 0.83 | 0.28 J | 0.33 J |
| Butane | 14 | <1.2 U | 6.7 |
| Carbon Tetrachloride | 0.57 | <0.22 U | <0.22 U |
| Chlorodifluoromethane | <1.8 U | 1.1 J | <1.8 U |
| Chloroform | 0.31 J | <0.98 U | <0.98 U |
| Chloromethane | 1.1 | 1.1 | 1.2 |
| Cis-1,2-Dichloroethene | <0.2 U | 0.47 | 3.2 |
| Cyclohexane | 1.8 | 0.39 J | 0.49 J |
| Cymene | 0.99 J | <1.1 U | <1.1 U |
| Dichlorodifluoromethane | 2.3 J | 2.3 J | 2.2 J |
| Ethylbenzene | 31 | <0.87 U | 1.8 |
| Isopropanol | 16 | <12 U | 7.5 J |
| Isopropylbenzene | <0.98 U | <0.98 U | 0.99 |
| M,P-Xylene | 140 | <2.2 U | 7.2 |
| Methyl Ethyl Ketone | 20 | 1.7 | 5.1 |
| Methyl Isobutyl Ketone | 2.9 | <2.1 U | 0.92 J |
| Methyl Methacrylate | 8.7 | <2.1 U | 3.1 |
| Methylene Chloride | 71 | 5.7 | 34 |
| n-Heptane | 5.2 | <0.82 U | 0.95 |
| n-Hexane | 6.5 | 0.57 J | 3.4 |
| o-Xylene | 36 | <0.87 U | 2.1 |
| Styrene | 5.3 | <0.85 U | 2 |
| Toluene | 400 D | 0.73 J | 12 |
| Total Xylenes | 180 | <2.2 U | 9.3 |
| Trichloroethene (TCE) | 0.52 | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 1.3 | 1.2 | 1.2 |




| Location | C241174_MW16D19D | | |
|---|---|---|---|
| Event | Baseline | LNAPL Recovery | Post-LNAPL Recovery |
| Sample Name | C241174_BL-AA01_MW16D19D_091325 | C241174_LR-AA02_MW16D19D_092025 | C241174_PLR-AA03_MW16D19D_092125 |
| Sample Date | 09/13/2025 | 09/20/2025 | 09/21/2025 |
| Sample Type | | AA | |
| **VOCs** | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <1.5 U | <1.5 U | <1.5 U |
| 1,1,2-Trichloroethane | <1.1 U | <1.1 U | <1.1 U |
| 1,2,4-Trimethylbenzene | <0.98 U | <0.98 U | <0.98 U |
| 1,3,5-Trimethylbenzene | <0.98 U | <0.98 U | <0.98 U |
| 2,2,4-Trimethylpentane | 0.59 J | <0.93 U | <0.93 U |
| 2-Hexanone (MBK) | <2.1 U | <2.1 U | <2.1 U |
| 4-Ethyltoluene | <0.98 U | <0.98 U | <0.98 U |
| Acetone | 12 | 9.2 J | 7.7 J |
| Benzene | 0.48 J | <0.64 U | 0.24 J |
| Butane | 2.9 | 2.3 | 0.77 J |
| Carbon Tetrachloride | <0.22 U | <0.22 U | <0.22 U |
| Chlorodifluoromethane | 0.99 J | 0.89 J | 0.89 J |
| Chloroform | <0.98 U | <0.98 U | <0.98 U |
| Chloromethane | 1.2 | 1 | 1 |
| Cis-1,2-Dichloroethene | <0.2 U | <0.2 U | <0.2 U |
| Cyclohexane | 0.28 J | <0.69 U | 0.20 J |
| Cymene | <1.1 U | <1.1 U | <1.1 U |
| Dichlorodifluoromethane | 2.3 J | 2.2 J | 2.1 J |
| Ethylbenzene | <0.87 U | <0.87 U | <0.87 U |
| Isopropanol | <12 U | <12 U | <12 U |
| Isopropylbenzene | <0.98 U | <0.98 U | <0.98 U |
| M,P-Xylene | <2.2 U | <2.2 U | <2.2 U |
| Methyl Ethyl Ketone | 1.7 | <1.5 U | <1.5 U |
| Methyl Isobutyl Ketone | <2.1 U | <2.1 U | <2.1 U |
| Methyl Methacrylate | <2.1 U | <2.1 U | <2.1 U |
| Methylene Chloride | <1.7 U | <1.7 U | <1.7 U |
| n-Heptane | <0.82 U | <0.82 U | <0.82 U |
| n-Hexane | 0.54 J | <1.8 U | <1.8 U |
| o-Xylene | <0.87 U | <0.87 U | <0.87 U |
| Styrene | <0.85 U | <0.85 U | <0.85 U |
| Toluene | 1.7 | <0.75 U | 0.82 |
| Total Xylenes | <2.2 U | <2.2 U | <2.2 U |
| Trichloroethene (TCE) | <0.2 U | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 1.2 | 1.1 | 1.2 |

| Location | C241174_MW16D19D | | |
|---|---|---|---|
| Event | Baseline | LNAPL Recovery | Post-LNAPL Recovery |
| Sample Name | C241174_BL-IA01_MW16D19D_091325 | C241174_LR-IA02_MW16D19D_092025 | C241174_PLR-IA03_MW16D19D_092125 |
| Sample Date | 09/13/2025 | 09/20/2025 | 09/21/2025 |
| Sample Type | | IA | |
| **VOCs** | | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <1.5 U | <1.5 U | <1.5 U |
| 1,1,2-Trichloroethane | <1.1 U | 1.4 | 0.43 J |
| 1,2,4-Trimethylbenzene | 2.3 | <0.98 U | 1.4 |
| 1,3,5-Trimethylbenzene | <0.98 U | <0.98 U | 0.36 J |
| 2,2,4-Trimethylpentane | 8.8 | 0.63 J | 4.2 |
| 2-Hexanone (MBK) | <2.1 U | <2.1 U | <2.1 U |
| 4-Ethyltoluene | <0.98 U | <0.98 U | 0.88 J |
| Acetone | 33 | 32 | 33 |
| Benzene | 2.5 | 0.9 | 1.4 |
| Butane | 12 | 4.8 | 6.2 |
| Carbon Tetrachloride | 0.52 | <0.22 U | 0.52 |
| Chlorodifluoromethane | <1.8 U | <1.8 U | <1.8 U |
| Chloroform | 0.40 J | 0.25 J | 0.32 J |
| Chloromethane | 1.2 | 1.1 | 1.1 |
| Cis-1,2-Dichloroethene | <0.2 U | <0.2 U | 0.54 |
| Cyclohexane | 3.2 | 2.3 | 1.7 |
| Cymene | <1.1 U | <1.1 U | <1.1 U |
| Dichlorodifluoromethane | 2.3 J | 2.3 J | 2.3 J |
| Ethylbenzene | 2.4 | <0.87 U | 1.6 |
| Isopropanol | 6.0 J | 3.9 J | 4.7 J |
| Isopropylbenzene | <0.98 U | <0.98 U | <0.98 U |
| M,P-Xylene | 8.1 | <2.2 U | 5.2 |
| Methyl Ethyl Ketone | 18 | 8 | 10 |
| Methyl Isobutyl Ketone | 1.7 J | <2.1 U | 1.2 J |
| Methyl Methacrylate | <2.1 U | 3.6 | 1.9 J |
| Methylene Chloride | 0.83 J | 0.67 J | <1.7 U |
| n-Heptane | 4.9 | 0.63 J | 2.9 |
| n-Hexane | 5 | 1.5 J | 2.7 |
| o-Xylene | 2.9 | <0.87 U | 1.8 |
| Styrene | <0.85 U | <0.85 U | <0.85 U |
| Toluene | 71 | 17 | 85 |
| Total Xylenes | 11 | <2.2 U | 7 |
| Trichloroethene (TCE) | <0.2 U | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 1.5 | 1.4 | 1.4 |

## LEGEND:

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE EXTENT OF BULKHEAD ALONG SITE
- APPROXIMATE TAX LOT BOUNDARY
- APPROXIMATE LOCATION OF HISTORICAL UNDERGROUND STORAGE TANK (UST) OR ABOVEGROUND STORAGE TANK (AST)
- LB05/MW05D — SOIL BORING/MONITORING WELL (DEEP) LOCATION
- LB02S/MW02S — SOIL BORING/MONITORING WELL (SHALLOW) LOCATION
- IA_MW30D — PILOT STUDY II INDOOR AIR SAMPLE LOCATION
- AA_MW30D — PILOT STUDY II AMBIENT AIR SAMPLE LOCATION
- APPROXIMATE EXTENT OF PARAGON LNAPL PLUME
- APPROXIMATE EXTENT OF OTHER LNAPL PRESENT IN MONITORING WELLS

## GENERAL NOTES:

1. BASE MAP SOURCE: SURVEY BY ALBERT W. TAY DATED SEPTEMBER 6, 2012
2. HISTORICAL UST AND AST LOCATIONS ARE APPROXIMATE AND ARE BASED ON AVAILABLE SANBORN MAPS (1898, 1915, AND 1936) AND 2005 PHASE I ESA PREPARED BY FLEMING LEE SHUE, INC.
3. LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

| Analyte | NYSDOH AGVs |
|---|---|
| **VOCs** | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | NS |
| 1,1,2-Trichloroethane | NS |
| 1,2,4-Trimethylbenzene | NS |
| 1,3,5-Trimethylbenzene | NS |
| 2,2,4-Trimethylpentane | NS |
| 2-Hexanone (MBK) | NS |
| 4-Ethyltoluene | NS |
| Acetone | NS |
| Benzene | NS |
| Butane | NS |
| Carbon Tetrachloride | NS |
| Chlorodifluoromethane | NS |
| Chloroform | NS |
| Chloromethane | NS |
| Cis-1,2-Dichloroethene | NS |
| Cyclohexane | NS |
| Cymene | NS |
| Dichlorodifluoromethane | NS |
| Ethylbenzene | NS |
| Isopropanol | NS |
| Isopropylbenzene | NS |
| M,P-Xylene | NS |
| Methyl Ethyl Ketone | NS |
| Methyl Isobutyl Ketone | NS |
| Methyl Methacrylate | NS |
| Methylene Chloride | 60 |
| n-Heptane | NS |
| n-Hexane | NS |
| o-Xylene | NS |
| Styrene | NS |
| Toluene | NS |
| Total Xylenes | NS |
| Trichloroethene (TCE) | 2 |
| Trichlorofluoromethane | NS |

**Exceedance Summary:**

NS - Result exceeds NYSDOH AGVs

10 0 2 4 10

SCALE: 1 INCH = 10 FEET

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.


LANGAN

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Project

ABC - BLOCK 26

BLOCK No. 26, LOT No. 17 and 21
CITY
QUEENS NEW YORK

Drawing Title

PILOT STUDY II RESULTS MAP

| Project No. | Figure |
|---|---|
| 170340203 | 2 |
| Date: 12/17/2025 | |
| Drawn By: RL | |
| Checked By: GW | Sheet 1 of 1 |

LANGAN

PROJECT NO. 170340203

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# TABLES

**Table 1**
**Pilot Study II Results Memo**
**Sample Summary**

**ABC Block 26**
**NYSDEC BCP Site No. C241174**
**Long Island City, New York**
**Langan Project No. 170340203**

| No. | Sample Name | Sample Type | Sample Location | Date | Time | Analysis |
|---|---|---|---|---|---|---|
| **INDOOR AIR SAMPLING - BASELINE** | | | | | | |
| 1 | C241174_BL-IA01_MW16D19D_091325 | 2-hour | BL-MW16D19D-IA01 | 9/13/2025 | 13:41 | TO-15 VOCs |
| 2 | C241174_BL-IA01_MW30D_091325 | | BL-MW30D-IA01 | 9/13/2025 | 13:56 | |
| 3 | C241174_BL-AA01_MW16D19D_091325 | | BL-MW16D19D-AA01 | 9/13/2025 | 14:07 | |
| 4 | C241174_BL-AA01_MW30D_091325 | | BL-MW30D-AA01 | 9/13/2025 | 13:59 | |
| **INDOOR AIR SAMPLING - LNAPL RECOVERY** | | | | | | |
| 5 | C241174_LR-IA02_MW16D19D_092025 | 2-hour | LR-MW16D19D-IA02 | 9/20/2025 | 13:02 | TO-15 VOCs |
| 6 | C241174_LR-IA02_MW30D_092025 | | LR-MW30D-IA02 | 9/20/2025 | 18:21 | |
| 7 | C241174_LR-AA02_MW16D19D_092025 | | LR-MW16D19D-AA02 | 9/20/2025 | 12:44 | |
| 8 | C241174_LR-AA02_MW30D_092025 | | LR-MW30D-AA02 | 9/20/2025 | 18:25 | |
| **INDOOR AIR SAMPLING - POST-LNAPL RECOVERY** | | | | | | |
| 9 | C241174_PLR-IA03_MW16D19D_092125 | 2-hour | PLR-MW16D19D-IA03 | 9/21/2025 | 12:05 | TO-15 VOCs |
| 10 | C241174_PLR-IA03_MW30D_092125 | | PLR-MW30D-IA03 | 9/21/2025 | 13:35 | |
| 11 | C241174_PLR-AA03_MW16D19D_092125 | | PLR-MW16D19D-AA03 | 9/21/2025 | 12:51 | |
| 12 | C241174_PLR-AA03_MW30D_092125 | | PLR-MW30D-AA03 | 9/21/2025 | 13:13 | |

**Notes:**
1. VOC = Volatile Organic Compound
2. LNAPL = Light Non-Aqueous Phase Liquid

**Table 2**
**Pilot Study II Results Memo**
**Baseline Indoor Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

| Analyte | CAS Number | NYSDOH AGVs | NYSDOH BASE Indoor Air Mean | Location | C241174_AA01_MW16D | C241174_AA01_MW30D | C241174_IA01_MW16D | C241174_IA01_MW30D |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Name | C241174_BL-AA01_MW16D190_091325 | C241174_BL-AA01_MW30P_091325 | C241174_BL-IA01_MW16D190_091325 | C241174_BL-IA01_MW30P_091325 |
| | | | | Sample Date | 09/13/2025 | 09/13/2025 | 09/13/2025 | 09/13/2025 |
| | | | | Sample Type | AA | AA | IA | IA |
| | | | | Unit | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 16.2 | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | NS | ug/m3 | <1.5 U | <1.5 U | <1.5 U | <1.5 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | 0.6 | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| 1,1-Dichloroethane | 75-34-3 | NS | 0.2 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,1-Dichloroethene | 75-35-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | 1.1 | ug/m3 | <3.7 U | <3.7 U | <3.7 U | <3.7 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 4.8 | ug/m3 | <0.98 U | <0.98 U | 2.3 | 2.3 |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | 0.6 | ug/m3 | <1.5 U | <1.5 U | <1.5 U | <1.5 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,2-Dichloroethane | 107-06-2 | NS | 0.9 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,2-Dichloropropane | 78-87-5 | NS | 0.6 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 1.6 | ug/m3 | <0.98 U | <0.98 U | <0.98 U | 0.44 J |
| 1,3-Butadiene | 106-99-0 | NS | 1.4 | ug/m3 | <0.44 U | <0.44 U | <0.44 U | <0.44 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | 3.1 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | NS | ug/m3 | <18 UT | <18 UT | <18 UT | <18 UT |
| 2,2,4-Trimethylpentane | 540-84-1 | NS | NS | ug/m3 | 0.59 J | 0.61 J | 8.8 | 1.8 |
| 2-Chlorotoluene | 95-49-8 | NS | NS | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| 4-Ethyltoluene | 622-96-8 | NS | 1.7 | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| Acetone | 67-64-1 | NS | 54 | ug/m3 | 12 | 11 J | 33 | 290 D |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | NS | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Benzene | 71-43-2 | NS | 4.5 | ug/m3 | 0.48 J | 0.48 J | 2.5 | 0.83 |
| Benzyl Chloride | 100-44-7 | NS | 1.2 | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| Bromodichloromethane | 75-27-4 | NS | NS | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Bromoethene | 593-60-2 | NS | NS | ug/m3 | <0.88 U | <0.88 U | <0.88 U | <0.88 U |
| Bromoform | 75-25-2 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Bromomethane | 74-83-9 | NS | 0.6 | ug/m3 | <0.78 U | <0.78 U | <0.78 U | <0.78 U |
| Butane | 106-97-8 | NS | NS | ug/m3 | 2.9 | <1.2 U | 12 | 14 |
| Carbon Disulfide | 75-15-0 | NS | 1.9 | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Carbon Tetrachloride | 56-23-5 | NS | 0.5 | ug/m3 | <0.22 U | <0.22 U | 0.52 | 0.57 |
| Chlorobenzene | 108-90-7 | NS | 0.4 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| Chlorodifluoromethane | 75-45-6 | NS | NS | ug/m3 | 0.99 J | 1.1 J | <1.8 U | <1.8 U |
| Chloroethane | 75-00-3 | NS | 1.1 | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Chloroform | 67-66-3 | NS | 0.5 | ug/m3 | <0.98 U | <0.98 U | 0.40 J | 0.31 J |
| Chloromethane | 74-87-3 | NS | 2.9 | ug/m3 | 1.2 | 1.2 | 1.2 | 1.1 |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | 0.6 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | 0.9 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Cyclohexane | 110-82-7 | NS | NS | ug/m3 | 0.28 J | 0.29 J | 3.2 | 1.8 |
| Cymene | 99-87-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | 0.99 J |
| Dibromochloromethane | 124-48-1 | NS | NS | ug/m3 | <1.7 U | <1.7 U | <1.7 U | <1.7 U |
| Dichlorodifluoromethane | 75-71-8 | NS | 13.8 | ug/m3 | 2.3 J | 2.3 J | 2.3 J | 2.3 J |
| Ethylbenzene | 100-41-4 | NS | 2.8 | ug/m3 | <0.87 U | <0.87 U | 2.4 | 31 |
| Hexachlorobutadiene | 87-68-3 | NS | 1.5 | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Isopropanol | 67-63-0 | NS | 73.1 | ug/m3 | <12 U | <12 U | 6.0 J | 16 |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| M,P-Xylene | 179601-23-1 | NS | 10.8 | ug/m3 | <2.2 U | <2.2 U | 8.1 | 140 |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | 6.2 | ug/m3 | 1.7 | 1.5 | 18 | 20 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | 3.1 | ug/m3 | <2.1 U | <2.1 U | 1.7 J | 2.9 |
| Methyl Methacrylate | 80-62-6 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | 8.7 |
| Methylene Chloride | 75-09-2 | **60** | 21.2 | ug/m3 | <1.7 U | <1.7 U | 0.83 J | **71** |
| Naphthalene | 91-20-3 | NS | 6.6 | ug/m3 | <2 U | <2 U | <2 U | <2 U |
| n-Butylbenzene | 104-51-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| n-Heptane | 142-82-5 | NS | NS | ug/m3 | <0.82 U | <0.82 U | 4.9 | 5.2 |
| n-Hexane | 110-54-3 | NS | 6.3 | ug/m3 | 0.54 J | 0.54 J | 5 | 6.5 |
| n-Propylbenzene | 103-65-1 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | 3.8 | ug/m3 | <0.87 U | <0.87 U | 2.9 | 36 |
| Sec-Butylbenzene | 135-98-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Styrene | 100-42-5 | NS | 1.5 | ug/m3 | <0.85 U | <0.85 U | <0.85 U | 5.3 |
| T-Butylbenzene | 98-06-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Tert-Butyl Alcohol | 75-65-0 | NS | NS | ug/m3 | <15 UT | <15 UT | <15 UT | <15 UT |
| Tert-Butyl Methyl Ether (MTBE) | 1634-04-4 | NS | 3.3 | ug/m3 | <0.72 U | <0.72 U | <0.72 U | <0.72 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | 6 | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| Tetrahydrofuran | 109-99-9 | NS | NS | ug/m3 | <15 U | <15 U | <15 U | <15 U |
| Toluene | 108-88-3 | NS | 25.1 | ug/m3 | 1.7 | 1.1 | 71 | 400 D |
| Total Xylenes | 1330-20-7 | NS | NS | ug/m3 | <2.2 U | <2.2 U | 11 | 180 |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | NS | ug/m3 | <0.79 U | <0.79 U | <0.79 U | <0.79 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | 0.5 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | 2.6 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | 0.52 |
| Trichlorofluoromethane | 75-69-4 | NS | 19.4 | ug/m3 | 1.2 | 1.3 | 1.5 | 1.3 |
| Vinyl Chloride | 75-01-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |

**Table 2**
**Pilot Study II Results Memo**
**Baseline Indoor Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

**Notes:**
AA - Ambient Air
IA - Indoor Air
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).

Indoor air sample analytical results are compared to the mean concentrations for indoor air as shown in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrustion in the State of New York, Appendix C, Table C.2 EPA 2001 Building Assessment and Survey Evaluation (BASE) Database.
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

| | |
|---|---|
| **10** | - Result exceeds NYSDOH AGVs |
| 10 | - Result exceeds NYSDOH BASE Mean |

**Table 3**
**Pilot Study II Results Memo**
**LNAPL Recovery Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

| Analyte | CAS Number | NYSDOH AGVs | NYSDOH BASE Indoor Air Mean | Location | C241174_AA02_MW16D | C241174_AA02_MW30D | C241174_IA02_MW16D | C241174_IA02_MW30D |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Name | C241174_LR-AA02_MW16D19D_092025 | C241174_LR-AA02_MW30D_092025 | C241174_LR-IA02_MW16D19D_092025 | C241174_LR-IA02_MW30D_092025 |
| | | | | Sample Date | 09/20/2025 | 09/20/2025 | 09/20/2025 | 09/20/2025 |
| | | | | Sample Type | AA | AA | IA | IA |
| | | | | Unit | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 16.2 | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | NS | ug/m3 | <1.5 U | <1.5 U | <1.5 U | <1.5 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | 0.6 | ug/m3 | <1.1 U | <1.1 U | 1.4 | <1.1 U |
| 1,1-Dichloroethane | 75-34-3 | NS | 0.2 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,1-Dichloroethene | 75-35-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | 1.1 | ug/m3 | <3.7 U | <3.7 U | <3.7 U | <3.7 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 4.8 | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | 0.6 | ug/m3 | <1.5 U | <1.5 U | <1.5 U | <1.5 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,2-Dichloroethane | 107-06-2 | NS | 0.9 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,2-Dichloropropane | 78-87-5 | NS | 0.6 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 1.6 | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| 1,3-Butadiene | 106-99-0 | NS | 1.4 | ug/m3 | <0.44 U | <0.44 U | <0.44 U | <0.44 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | 3.1 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | NS | ug/m3 | <18 U | <18 U | <18 U | <18 U |
| 2,2,4-Trimethylpentane | 540-84-1 | NS | NS | ug/m3 | <0.93 U | <0.93 U | 0.63 J | <0.93 U |
| 2-Chlorotoluene | 95-49-8 | NS | NS | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| 4-Ethyltoluene | 622-96-8 | NS | 1.7 | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| Acetone | 67-64-1 | NS | 54 | ug/m3 | 9.2 J | 8.0 J | 32 | 50 |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | NS | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Benzene | 71-43-2 | NS | 4.5 | ug/m3 | <0.64 U | <0.64 U | 0.9 | 0.28 J |
| Benzyl Chloride | 100-44-7 | NS | 1.2 | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| Bromodichloromethane | 75-27-4 | NS | NS | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Bromoethene | 593-60-2 | NS | NS | ug/m3 | <0.88 U | <0.88 U | <0.88 U | <0.88 U |
| Bromoform | 75-25-2 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Bromomethane | 74-83-9 | NS | 0.6 | ug/m3 | <0.78 U | <0.78 U | <0.78 U | <0.78 U |
| Butane | 106-97-8 | NS | NS | ug/m3 | 2.3 | <1.2 U | 4.8 | <1.2 U |
| Carbon Disulfide | 75-15-0 | NS | 1.9 | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Carbon Tetrachloride | 56-23-5 | NS | 0.5 | ug/m3 | <0.22 U | <0.22 U | <0.22 U | <0.22 U |
| Chlorobenzene | 108-90-7 | NS | 0.4 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| Chlorodifluoromethane | 75-45-6 | NS | NS | ug/m3 | 0.89 J | 1.0 J | <1.8 U | 1.1 J |
| Chloroethane | 75-00-3 | NS | 1.1 | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Chloroform | 67-66-3 | NS | 0.5 | ug/m3 | <0.98 U | <0.98 U | 0.25 J | <0.98 U |
| Chloromethane | 74-87-3 | NS | 2.9 | ug/m3 | 1 | 1 | 1.1 | 1.1 |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | 0.6 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | 0.47 |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | 0.9 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Cyclohexane | 110-82-7 | NS | NS | ug/m3 | <0.69 U | <0.69 U | 2.3 | 0.39 J |
| Cymene | 99-87-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Dibromochloromethane | 124-48-1 | NS | NS | ug/m3 | <1.7 U | <1.7 U | <1.7 U | <1.7 U |
| Dichlorodifluoromethane | 75-71-8 | NS | 13.8 | ug/m3 | 2.2 J | 2.3 J | 2.3 J | 2.3 J |
| Ethylbenzene | 100-41-4 | NS | 2.8 | ug/m3 | <0.87 U | <0.87 U | <0.87 U | <0.87 U |
| Hexachlorobutadiene | 87-68-3 | NS | 1.5 | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Isopropanol | 67-63-0 | NS | 73.1 | ug/m3 | <12 U | <12 U | 3.9 J | <12 U |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| M,P-Xylene | 179601-23-1 | NS | 10.8 | ug/m3 | <2.2 U | <2.2 U | <2.2 U | <2.2 U |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | 6.2 | ug/m3 | <1.5 U | <1.5 U | 8 | 1.7 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | 3.1 | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Methyl Methacrylate | 80-62-6 | NS | NS | ug/m3 | <2.1 U | <2.1 U | 3.6 | <2.1 U |
| Methylene Chloride | 75-09-2 | 60 | 21.2 | ug/m3 | <1.7 U | <1.7 U | 0.67 J | 5.7 |
| Naphthalene | 91-20-3 | NS | 6.6 | ug/m3 | <2 U | <2 U | <2 U | <2 U |
| n-Butylbenzene | 104-51-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| n-Heptane | 142-82-5 | NS | NS | ug/m3 | <0.82 U | <0.82 U | 0.63 J | <0.82 U |
| n-Hexane | 110-54-3 | NS | 6.3 | ug/m3 | <1.8 U | <1.8 U | 1.5 J | 0.57 J |
| n-Propylbenzene | 103-65-1 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | 3.8 | ug/m3 | <0.87 U | <0.87 U | <0.87 U | <0.87 U |
| Sec-Butylbenzene | 135-98-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Styrene | 100-42-5 | NS | 1.5 | ug/m3 | <0.85 U | <0.85 U | <0.85 U | <0.85 U |
| T-Butylbenzene | 98-06-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Tert-Butyl Alcohol | 75-65-0 | NS | NS | ug/m3 | <15 U | <15 U | <15 U | <15 U |
| Tert-Butyl Methyl Ether (MTBE) | 1634-04-4 | NS | 3.3 | ug/m3 | <0.72 U | <0.72 U | <0.72 U | <0.72 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | 6 | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| Tetrahydrofuran | 109-99-9 | NS | NS | ug/m3 | <15 U | <15 U | <15 U | <15 U |
| Toluene | 108-88-3 | NS | 25.1 | ug/m3 | <0.75 U | <0.75 U | 17 | 0.73 J |
| Total Xylenes | 1330-20-7 | NS | NS | ug/m3 | <2.2 U | <2.2 U | <2.2 U | <2.2 U |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | NS | ug/m3 | <0.79 U | <0.79 U | <0.79 U | <0.79 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | 0.5 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | 2.6 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 75-69-4 | NS | 19.4 | ug/m3 | 1.1 | 1.2 | 1.4 | 1.2 |
| Vinyl Chloride | 75-01-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |

**Table 3**
**Pilot Study II Results Memo**
**LNAPL Recovery Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

**Notes:**

AA - Ambient Air
IA - Indoor Air
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).

Indoor air sample analytical results are compared to the mean concentrations for indoor air as shown in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrustion in the State of New York, Appendix C, Table C.2 EPA 2001 Building Assessment and Survey Evaluation (BASE) Database.
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

| | |
|---|---|
| **10** | - Result exceeds NYSDOH AGVs |
| 10 | - Result exceeds NYSDOH BASE Mean |

**Table 4**
**Pilot Study II Results Memo**
**Post-LNAPL Recovery Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

| Analyte | CAS Number | NYSDOH AGVs | NYSDOH BASE Indoor Air Mean | Location | C241174_AA03_MW16D | C241174_AA03_MW30D | C241174_IA03_MW16D | C241174_IA03_MW30D |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Name | C241174_PLR-AA03_MW16D19D_092125 | C241174_PLR-AA03_MW30D_092125 | C241174_PLR-IA03_MW16D19D_092125 | C241174_PLR-IA03_MW30D_092125 |
| | | | | Sample Date | 09/21/2025 | 09/21/2025 | 09/21/2025 | 09/21/2025 |
| | | | | Sample Type | AA | AA | IA | IA |
| | | | | Unit | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 16.2 | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | NS | ug/m3 | <1.5 U | <1.5 U | <1.5 U | 0.55 J |
| 1,1,2-Trichloroethane | 79-00-5 | NS | 0.6 | ug/m3 | <1.1 U | <1.1 U | 0.43 J | <1.1 U |
| 1,1-Dichloroethane | 75-34-3 | NS | 0.2 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,1-Dichloroethene | 75-35-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | 1.1 | ug/m3 | <3.7 U | <3.7 U | <3.7 U | <3.7 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 4.8 | ug/m3 | <0.98 U | <0.98 U | 1.4 | 1.1 |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | 0.6 | ug/m3 | <1.5 U | <1.5 U | <1.5 U | <1.5 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,2-Dichloroethane | 107-06-2 | NS | 0.9 | ug/m3 | <0.81 U | <0.81 U | <0.81 U | <0.81 U |
| 1,2-Dichloropropane | 78-87-5 | NS | 0.6 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | NS | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 1.6 | ug/m3 | <0.98 U | <0.98 U | 0.36 J | <0.98 U |
| 1,3-Butadiene | 106-99-0 | NS | 1.4 | ug/m3 | <0.44 U | <0.44 U | <0.44 U | <0.44 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | 0.6 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | 3.1 | ug/m3 | <1.2 U | <1.2 U | <1.2 U | <1.2 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | NS | ug/m3 | <18 U | <18 U | <18 U | <18 U |
| 2,2,4-Trimethylpentane | 540-84-1 | NS | NS | ug/m3 | <0.93 U | 0.31 J | 4.2 | 0.40 J |
| 2-Chlorotoluene | 95-49-8 | NS | NS | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | NS | ug/m3 | <2.1 U | 0.78 J | <2.1 U | 0.75 J |
| 4-Ethyltoluene | 622-96-8 | NS | 1.7 | ug/m3 | <0.98 U | <0.98 U | 0.88 J | <0.98 U |
| Acetone | 67-64-1 | NS | 54 | ug/m3 | 7.7 J | 24 | 33 | 120 D |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | NS | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Benzene | 71-43-2 | NS | 4.5 | ug/m3 | 0.24 J | 0.29 J | 1.4 | 0.33 J |
| Benzyl Chloride | 100-44-7 | NS | 1.2 | ug/m3 | <1 U | <1 U | <1 U | <1 U |
| Bromodichloromethane | 75-27-4 | NS | NS | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Bromoethene | 593-60-2 | NS | NS | ug/m3 | <0.88 U | <0.88 U | <0.88 U | <0.88 U |
| Bromoform | 75-25-2 | NS | NS | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Bromomethane | 74-83-9 | NS | 0.6 | ug/m3 | <0.78 U | <0.78 U | <0.78 U | <0.78 U |
| Butane | 106-97-8 | NS | NS | ug/m3 | 0.77 J | <1.2 U | 6.2 | 6.7 |
| Carbon Disulfide | 75-15-0 | NS | 1.9 | ug/m3 | <1.6 U | <1.6 U | <1.6 U | <1.6 U |
| Carbon Tetrachloride | 56-23-5 | NS | 0.5 | ug/m3 | <0.22 U | 0.51 | 0.52 | <0.22 U |
| Chlorobenzene | 108-90-7 | NS | 0.4 | ug/m3 | <0.92 U | <0.92 U | <0.92 U | <0.92 U |
| Chlorodifluoromethane | 75-45-6 | NS | NS | ug/m3 | 0.89 J | 0.97 J | <1.8 U | <1.8 U |
| Chloroethane | 75-00-3 | NS | 1.1 | ug/m3 | <1.3 U | <1.3 U | <1.3 U | <1.3 U |
| Chloroform | 67-66-3 | NS | 0.5 | ug/m3 | <0.98 U | <0.98 U | 0.32 J | <0.98 U |
| Chloromethane | 74-87-3 | NS | 2.9 | ug/m3 | 1 | 1 | 1.1 | 1.2 |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | 0.6 | ug/m3 | <0.2 U | <0.2 U | 0.54 | 3.2 |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | 0.9 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Cyclohexane | 110-82-7 | NS | NS | ug/m3 | 0.20 J | 0.19 J | 1.7 | 0.49 J |
| Cymene | 99-87-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Dibromochloromethane | 124-48-1 | NS | NS | ug/m3 | <1.7 U | <1.7 U | <1.7 U | <1.7 U |
| Dichlorodifluoromethane | 75-71-8 | NS | 13.8 | ug/m3 | 2.1 J | 2.2 J | 2.3 J | 2.2 J |
| Ethylbenzene | 100-41-4 | NS | 2.8 | ug/m3 | <0.87 U | <0.87 U | 1.6 | 1.8 |
| Hexachlorobutadiene | 87-68-3 | NS | 1.5 | ug/m3 | <2.1 U | <2.1 U | <2.1 U | <2.1 U |
| Isopropanol | 67-63-0 | NS | 73.1 | ug/m3 | <12 U | <12 U | 4.7 J | 7.5 J |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | 0.99 |
| M,P-Xylene | 179601-23-1 | NS | 10.8 | ug/m3 | <2.2 U | <2.2 U | 5.2 | 7.2 |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | 6.2 | ug/m3 | <1.5 U | 1.7 | 10 | 5.1 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | 3.1 | ug/m3 | <2.1 U | <2.1 U | 1.2 J | 0.92 J |
| Methyl Methacrylate | 80-62-6 | NS | NS | ug/m3 | <2.1 U | <2.1 U | 1.9 J | 3.1 |
| Methylene Chloride | 75-09-2 | 60 | 21.2 | ug/m3 | <1.7 U | <1.7 U | <1.7 U | 34 |
| Naphthalene | 91-20-3 | NS | 6.6 | ug/m3 | <2 U | <2 U | <2 U | <2 U |
| n-Butylbenzene | 104-51-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| n-Heptane | 142-82-5 | NS | NS | ug/m3 | <0.82 U | <0.82 U | 2.9 | 0.95 |
| n-Hexane | 110-54-3 | NS | 6.3 | ug/m3 | <1.8 U | <1.8 U | 2.7 | 3.4 |
| n-Propylbenzene | 103-65-1 | NS | NS | ug/m3 | <0.98 U | <0.98 U | <0.98 U | <0.98 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | 3.8 | ug/m3 | <0.87 U | <0.87 U | 1.8 | 2.1 |
| Sec-Butylbenzene | 135-98-8 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Styrene | 100-42-5 | NS | 1.5 | ug/m3 | <0.85 U | <0.85 U | <0.85 U | 2 |
| T-Butylbenzene | 98-06-6 | NS | NS | ug/m3 | <1.1 U | <1.1 U | <1.1 U | <1.1 U |
| Tert-Butyl Alcohol | 75-65-0 | NS | NS | ug/m3 | <15 U | <15 U | <15 U | <15 U |
| Tert-Butyl Methyl Ether (MTBE) | 1634-04-4 | NS | 3.3 | ug/m3 | <0.72 U | <0.72 U | <0.72 U | <0.72 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | 6 | ug/m3 | <1.4 U | <1.4 U | <1.4 U | <1.4 U |
| Tetrahydrofuran | 109-99-9 | NS | NS | ug/m3 | <15 U | <15 U | <15 U | <15 U |
| Toluene | 108-88-3 | NS | 25.1 | ug/m3 | 0.82 | 0.61 J | 85 | 12 |
| Total Xylenes | 1330-20-7 | NS | NS | ug/m3 | <2.2 U | <2.2 U | 7 | 9.3 |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | NS | ug/m3 | <0.79 U | <0.79 U | <0.79 U | <0.79 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | 0.5 | ug/m3 | <0.91 U | <0.91 U | <0.91 U | <0.91 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | 2.6 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |
| Trichlorofluoromethane | 75-69-4 | NS | 19.4 | ug/m3 | 1.2 | 1.2 | 1.4 | 1.2 |
| Vinyl Chloride | 75-01-4 | NS | 0.5 | ug/m3 | <0.2 U | <0.2 U | <0.2 U | <0.2 U |

**Table 4**
**Pilot Study II Results Memo**
**Post-LNAPL Recovery Air Sample Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

**Notes:**

AA - Ambient Air
IA - Indoor Air
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).

Indoor air sample analytical results are compared to the mean concentrations for indoor air as shown in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrustion in the State of New York, Appendix C, Table C.2 EPA 2001 Building Assessment and Survey Evaluation (BASE) Database.
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs
10 - Result exceeds NYSDOH BASE Mean

# APPENDIX A

# NYSDEC PILOT STUDY RESULTS MEMO APPROVAL AND PILOT STUDY II REQUEST LETTER

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

April 7, 2025

Paula C. Kirby
Plastic Center Realty Sub, LLC
5-46 46th Ave
Long Island City, NY 11101

Matt Quigley
PLAX BL26, LLC
5-46 46th Avenue
Long Island City, NY 11101

Re: ABC - Block 26
Brownfield Cleanup Program Site No. C241174
Pilot Study Results Memo

Dear Ms. Kirby and Mr. Quigley:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health, has reviewed the Pilot Study Results Memo (the Memo) dated February 19, 2025, which was prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. on behalf of Plastic Center Realty Sub, LLC and PLAX BL26, LLC (collectively, the Participant). The Memo was submitted to NYSDEC under the Brownfield Cleanup Program (BCP) for project number C241174. In accordance with 6 NYCRR Part 375 1.6(d)(2), the Department has reviewed this report, and it is hereby approved.

The approved Memo must be placed in all publicly accessible repositories for the Site within five business days. A certification that this document has been placed, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

The NYSDEC and NYSDOH agree with the recommendation to conduct a second iteration of the pilot study focusing on evaluating indoor air quality during LNAPL recovery efforts (using sorbent socks) at two monitoring wells when best practices are employed. Within 30 days of the date of this letter, please submit a work plan describing the proposed work to be completed under the second pilot study.

If you have any questions, please feel free to contact me at (718) 482-4065 or christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan
Project Manager

Ec: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, S. Berninger – NYSDOH
M. Raygorodetsky, G. Wyka – Langan

# APPENDIX B

# PILOT STUDY RESULTS MEMO

LANGAN

# Technical Memorandum

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
**368 Ninth Avenue, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444**

**To:** Christopher Allan
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-20 21st Street
Long Island City, NY 11101
Christopher.Allan@dec.ny.gov

**From:** Jason Hayes, Greg Wyka, Roswell Lo (Langan)

**Info:** J. Hare, M. Quigley, P. Kirby, T. Pfohl (Plaxall)
E. Knauer, M. Chertok (SPR)
S. Berninger (NYSDOH)

**Date:** February 19, 2025

**Re:** Pilot Study Results Memo
ABC Block 26
Long Island City, NY
BCP Site No. C241174
Langan Project No.: 170340203

Dear Mr. Allan:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C (Langan) presents this Pilot Study Results Memo for New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C241174 (ABC Block 26 or the site). The site is located at 5-25 46th Avenue in Long Island City, New York and is identified as Queens Tax Block 26, Lots 17 and 21. A site location map is provided as Figure 1.

As discussed with the NYSDEC and New York State Department of Health (NYSDOH) during a conference call on June 27, 2023, Langan completed a field pilot study that consisted of a light non-aqueous phase liquid (LNAPL) recovery event within two indoor spaces at the site to understand worst-case potential impacts to air quality from indoor recovery events without the use of mitigating measures. The pilot study results will be used to refine the scope of work for the forthcoming NAPL recovery Interim Remedial Measures Work Plans (IRMWP) for the site and the other two ABC BCP sites (ABC Block 25 [BCP Site No. C241173] and ABC Block 27 [BCP Site No. C241175]).

## SITE BACKGROUND

The ABC sites enrolled into the NYSDEC BCP in 2015. Remedial investigations (RI) and Supplemental Remedial Investigations (SRI) were performed on all three sites between August 2016 and February 2022. NAPL was identified on all three BCP sites during the RIs. On May 4, 2023, the NYSDEC approved Remedial Investigation Reports (RIR) for all three BCP sites. During a conference call on May 15, 2023, the NYSDEC agreed to a conceptual course of action to start addressing BCP requirements through IRMWPs, pending an anticipated environmental and land use review process for zoning changes affecting the BCP sites. This approach was chosen to enable the final remedy to occur in conjunction with future redevelopment of the sites pursuant to potential zoning changes. In October 2023, the Department of City Planning and Councilmember Julie Won announced the commencement of the Long Island City Neighborhood Plan, a City-led effort which proposes to rezone a 54 block area of Long Island City, including the three ABC BCP sites owned by the Participants.

During a subsequent meeting with the NYSDEC and NYSDOH, the agencies agreed that the scope of the IRMWPs at all three BCP sites will include an inspection and repair of the current cover systems and LNAPL recovery events. The NYSDEC and NYSDOH asked the Participant to conduct a pilot study on one of the BCP sites to evaluate whether product recovery events taking place within existing buildings would adversely impact indoor air at the sites before the IRMWPs are submitted.

Distinct sources of LNAPL were identified during the RIs at the ABC sites. Mineral spirits and diesel fuel related to the upgradient Paragon Paint and Varnish Corp. BCP site were identified in the eastern part of ABC Block 26. Residual/weathered LNAPL (without a clear hydrocarbon signature) related to historical on-site petroleum bulk storage was identified in defined areas at all three sites. Since both sources/types of LNAPL were observed at ABC Block 26, the NYSDEC and Langan agreed to utilize ABC Block 26 as the test site for the pilot study and apply the results to support development of the IRMWP scope for all three BCP sites. We utilized monitoring well C241174_MW30D (where the observed LNAPL is related to historical on-site petroleum bulk storage) and monitoring well C241174_MW34D (where the LNAPL is related to the Paragon Paint and Varnish Corp. BCP site) for the field pilot study.

Monitoring well C241174_MW30D is located inside a facility/shop for a custom architectural materials fabricator. At the time the pilot study was completed, monitoring well C241174_MW34D was located in a space that was a low-traffic area occupied by an artist, and the monitoring well was located inside a closet used to store paints/primers, adhesives, cleaning products, and other materials. Since the time that the tests were completed, the artist left the space which has since been re-leased to a high-traffic on-demand pickleball business that is open

24 hours per day. The closet no longer exists, as interior partitions were removed to construct the pickleball courts, which are in constant usage.

## PILOT STUDY IMPLEMENTATION

The pilot study was completed in accordance with the November 29, 2023 Pilot Study Work Plan prepared by Langan. The work plan was approved by the NYSDEC on January 24, 2024. The pilot study was completed across two separate field deployments (one field day each) to evaluate potential adverse impacts to indoor air during product recovery events. Each deployment occurred on weekends when the tenant spaces with the monitoring wells selected for the pilot study were unoccupied.

Baseline Indoor Air Sampling and Absorbent Sock Deployment

During the first field deployment, Langan completed a baseline air sampling event and subsequently installed two absorbent socks[1] at monitoring wells C241174_MW30D and C241174_MW34D.

Before installation of the absorbent socks, a baseline product/chemical inventory and NYSDOH indoor air quality questionnaire for each space (Appendix A), and a baseline indoor air and ambient air sampling event were completed. The sampling event was conducted after the inventory and questionnaire were completed. Before, during, and after the implementation of the baseline indoor air sampling event, a photoionization detector (PID) was used to periodically monitor volatile organic compounds (VOC) within the immediate area of the work zone. Two indoor (one for each monitoring well) and one ambient air sample were collected over a 2-hour sampling period into laboratory-supplied batch-certified clean 6-liter Summa® canisters with calibrated flow controllers and analyzed for VOCs via United States Environmental Protection Agency (USEPA) method TO-15, Select Ion Monitoring (SIM) to achieve lower reporting for select compounds.[2,3] The indoor air samples were collected at a height above the ground that represents the breathing zone (about 3 to 5 feet) and placed adjacent to each monitoring well. The ambient air sample was collected from an outdoor, upwind location to the fresh air intake for the building to evaluate potential outdoor air interferences. Mechanical heating, ventilation, and air conditioning (HVAC) systems operated normally, and windows and/or doors were closed during the baseline air sampling.

Following collection of the baseline samples, the monitoring wells were gauged for LNAPL thickness and depth to groundwater and absorbent socks were deployed at each monitoring well.

[1] New Pig® hydrophobic monitoring well skimming sock (1.5" x 18")

[2] Analytical services protocol (ASP) Category B data packages were requested from the laboratory.

[3] TO-15 SIM analysis was used to provide reporting limits of 0.20 micrograms per cubic meter or lower for trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, and vinyl chloride.

The baseline air sampling locations are included on the Pilot Study Results Map (Figure 2). A sample summary is included as Table 1.

Indoor Air Sampling and LNAPL Recovery Event

One week after the first deployment, Langan returned to the site to change out the absorbent socks at monitoring wells C241174_MW30D and C241174_MW34D and collected indoor air and ambient air samples during the retrieval, change-out, and disposal process (a duration of approximately 20 minutes during the 2-hour sampling event).

The spent absorbent socks were collected from the monitoring wells and placed directly into a high-density polyethylene (HDPE) bucket with a lid, which was used to transfer the spent socks to a 55-gallon drum stored in a secured outdoor area at the adjoining ABC Block 27 site. Before the air monitoring event, a chemical inventory and NYSDOH indoor air quality questionnaire were completed. Before, during, and after the implementation of the LNAPL recovery indoor air sampling event, a PID was used to periodically monitor VOCs within the immediate area of the work zone. The sock change-out and disposal process occurred during the indoor air and ambient air sampling event. The indoor and ambient sampling locations were the same as the baseline samples and sampling methodology was consistent with the baseline event as described below. Mechanical HVAC systems operated normally, and windows and/or doors were closed during the air sampling. A sock change-out event and NYSDOH indoor air quality questionnaire and product/chemical inventory were completed for each space (Appendix A).

The air sampling event during the LNAPL recovery effort included the following steps:

1. The Summa® canister was positioned adjacent to the monitoring well at the same distance and height as recorded during the baseline sampling event
2. The flow controller was opened about 30 minutes before absorbent sock retrieval and change-out
3. At about the 30-minute mark, Langan:
    a. opened the well cover and cap
    b. retrieved the absorbent sock and placed it into a HDPE bucket with a lid
    c. gauged the monitoring well for depth to LNAPL and/or water
    d. attached string to a new absorbent sock and deployed the sock into the monitoring well
    e. affixed string to well cap
    f. closed and tightened the well cap and cover

4. The spent absorbent sock was transferred from the HDPE bucket to the outdoor storage drum.
5. The vacuum pressure was continually monitored and the sampling period was stopped before or at about the 120-minute mark.
6. The sample canisters were delivered to the laboratory courier under standard chain of custody protocol for analysis of VOCs via USEPA method TO-15 SIM.

The sample location map is included as Figure 2. A sample summary is included as Table 1.

## FIELD OBSERVATIONS AND ANALYTICAL RESULTS

The indoor and ambient air sampling logs are included as Appendix B. Tabulated analytical results from the baseline event and sock change-out events are presented in Table 2.

No analytes exceeded the NYSDOH AGVs except methylene chloride in the baseline and LNAPL recovery samples collected at well C241174_MW30D.

The analytical results from air samples collected at both wells (C241174_MW30D and C241174_MW34D) were also compared to mean indoor air concentrations from USEPA's Building Assessment Survey Evaluation (BASE) database.[4] The study measured concentrations of VOCs in indoor and outdoor air at 100 randomly selected public and commercial office buildings across the United States. Fourteen, VOCs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-ethyltoluene, acetone, carbon disulfide, ethyl acetate, ethylbenzene, isopropanol, m,p-xylene, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, n-hexane, o-xylene (1,2-dimethylbenzene), and toluene exceeded the mean indoor air concentrations in the baseline and/or LNAPL recovery event samples across both sampling locations. Most of these VOCs were within the same order of magnitude as the BASE mean value; five VOCs, including acetone, ethyl acetate, methyl ethyl ketone, methylene chloride, and n-hexane were higher by one or two orders of magnitude.

The laboratory analytical data reports are provided in Appendix C. The data was validated in accordance with the standard protocols and a Data Usability Summary Report (DUSR) is provided in Appendix D. A photographic log of both baseline and sock change-out events are provided in Appendix E. Electronic Deliverable Documents (EDDs) were submitted to NYSDEC on April 23, 2024.

Monitoring well headspace PID readings, depth to product and depth to water readings were recorded at each well during baseline and sock change-out events and shown in the table below:

[4] Appendix C, Table C.2 (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 (as amended)).

| | Baseline | | | | Sock Change-out | | | |
|---|---|---|---|---|---|---|---|---|
| | PID headspace reading | Depth to Product (ft bTOC) | Depth to water (ft bTOC) | Product Thickness (ft) | PID headspace reading | Depth to Product (ft bTOC) | Depth to water (ft bTOC) | Product Thickness (ft) |
| C241174_MW30D | 310 | 11.82 | 13.65 | 1.83 | 399 | NR | 11.45 | NR |
| C241174_MW34D | 615 | 12.05 | 12.55 | 0.50 | 736 | NR | 12.00 | NR |
| NR – Not recorded bTOC – Below top of well casing | | | | | | | | |

Petroleum-like odors were observed at each location when the wells were accessed. Tenant operations were paused for about one day leading up to the baseline event, and during the day of the sock change-out event.

## CONCLUSIONS

The findings and conclusions of the pilot study are as follows:

- At sample location C241174_MW30D, the baseline indoor air sample exhibited higher concentrations of some VOCs than in the sample collected during the NAPL recovery event. Total VOCs without acetone in the baseline sample were 1,004.647 µg/$m^3$ while total VOCs without acetone in the LNAPL recovery event sample were 304.107 µg/$m^3$. Methylene chloride was detected above the NYSDOH AGV (air guidance value) of 60 µg/$m^3$ at C241174_MW30D both during the baseline sampling event (351 ug/$m^3$) and the LNAPL recovery event (159 µg/$m^3$). The indoor air quality sampling results and the detections of methylene chloride are attributed to tenant operations including light industrial manufacturing and fabrication. Methylene chloride was also detected in indoor air in this location during the Remedial Investigation (RI) and Supplemental Remedial Investigations (SRIs) and attributed to tenant operations. No other AGV exceedances were found.
- At sample location C241174_MW34D, the LNAPL recovery indoor air sample exhibited higher concentrations of some VOCs than detected in the sample collected during the baseline sampling event, suggesting a contribution of VOCs from the absorbent sock replacement activity. Total VOCs without acetone in the baseline sample were 96.563 µg/$m^3$ while total VOCs without acetone in the LNAPL recovery event sample were 283.65 µg/$m^3$. No AGV exceedances were found. The sample was collected inside of a closet (with no air flow aside from the opening and closing of the door).

- Carbon disulfide, a byproduct of anerobic biodegradation (a documented condition for the site), was only detected in the samples collected during the LNAPL recovery event at both locations. This observation confirms that there was no open pathway to the subsurface and groundwater table when the monitoring wells were closed.
- The completed pilot study attempted to assess worst-case scenario conditions. Langan recommends conducting a second iteration of the pilot study with a focus on evaluating indoor air quality during absorbent sock replacement activity efforts when best management practices are employed (i.e., opening exterior doors/windows and using air mover fans) to assess the effectiveness of these practices on mitigating impacts to indoor air quality. The new sampling locations will be chosen in building spaces to minimize potential exposures to tenants, visitors, and/or the public. The new pilot study would also involve the collection of additional baseline samples and post-replacement activity samples (next day or other interval) to determine if indoor air quality returns to baseline conditions.

## LIST OF FIGURES

Figure 1 Site Location Map
Figure 2 Pilot Study Locations and Results Map

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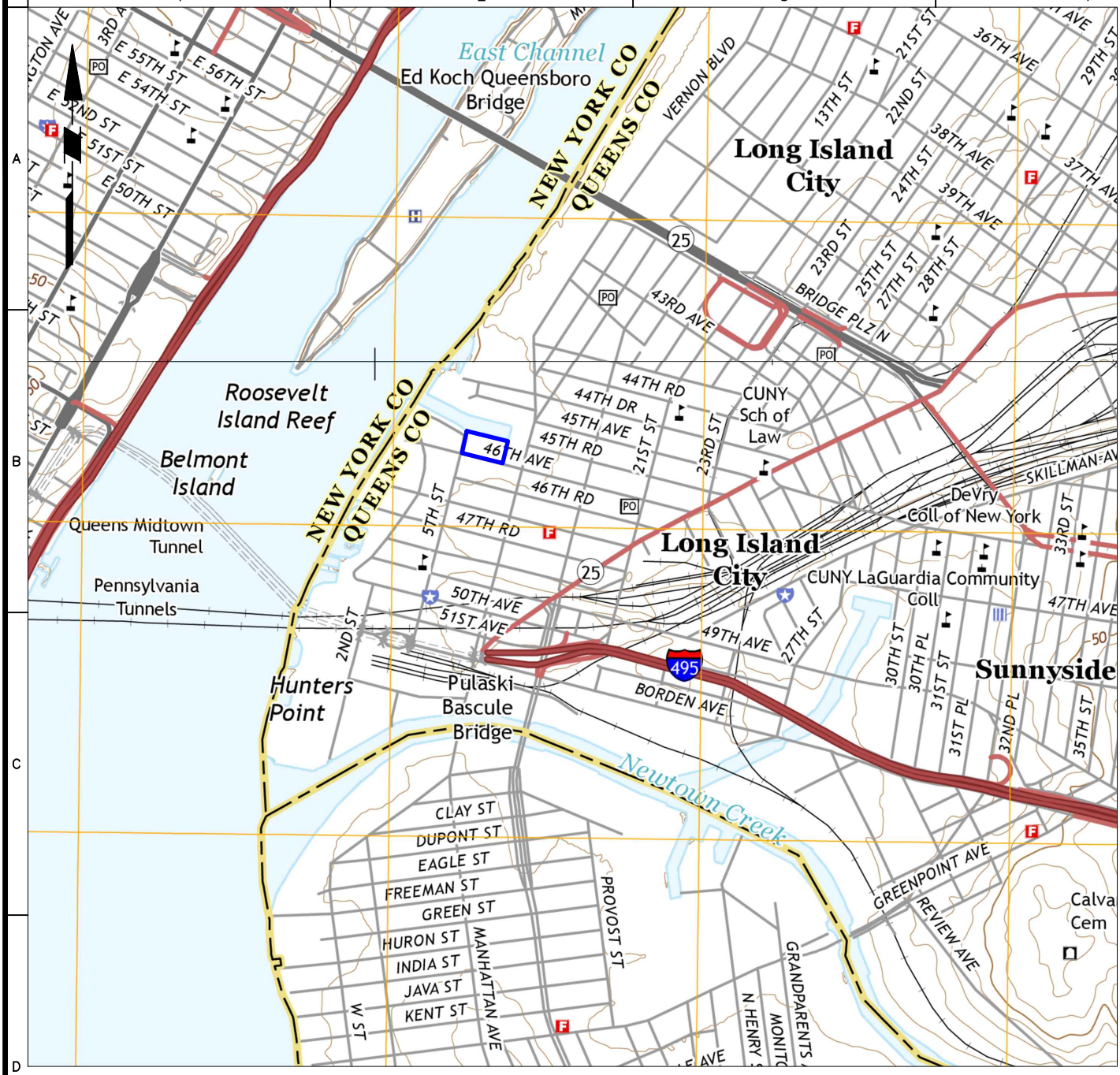
Table 1 Sample Summary
Table 2 Pilot Study Analytical Results

## LIST OF APPENDICES

Appendix A NYSDOH Indoor Air Quality Questionnaires and IAQ Inventory
Appendix B Indoor and Ambient Air Sampling Logs
Appendix C Laboratory Analytical Results
Appendix D Data Usability Summary Report
Appendix E Photographic Log

# FIGURES




LEGEND

APPROXIMATE SITE BOUNDARY

SOURCE: UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAP, BROOKLYN (2016) AND CENTRAL PARK (2016)

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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| Project | Figure Title | Project No. | Figure No. |
|---|---|---|---|
| ABC - BLOCK 26<br>BLOCK No. 26, LOT Nos. 17 and 21<br>QUEENS NEW YORK | SITE LOCATION MAP | 170340203<br>Date 8/9/2023<br>Drawn By ANN<br>Checked By GW | 1 |

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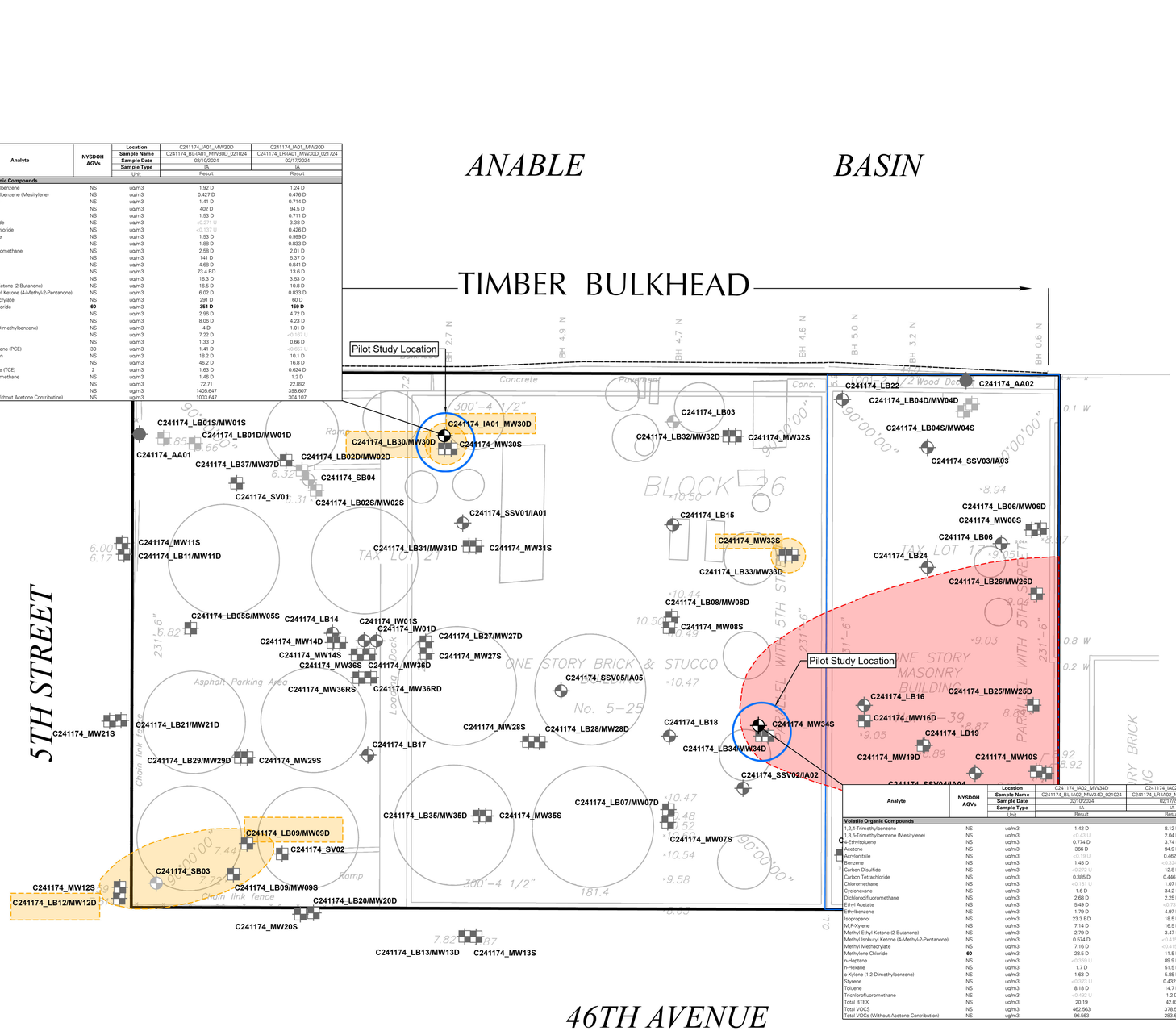
Filename: \\langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 26 - C241174\LNAPL Pilot Study\Figure 1 - Site Location Map.dwg Date: 8/9/2023 Time: 13:22 User: anesci Style Table: Langan.stb Layout: ANSIA-BP


ANABLE
BASIN
TIMBER BULKHEAD
Pilot Study Location
Pilot Study Location
5TH STREET
46TH AVENUE
BLOCK 26
TAX LOT 21
TAX LOT 17
ONE STORY BRICK & STUCCO
No. 5–25
ONE STORY MASONRY BUILDING
Asphalt Parking Area
Loading Dock
Ramp
Concrete
Pavement
Wood Deck
Chain link fence
C241174_LB01S/MW01S
C241174_LB01D/MW01D
C241174_AA01
C241174_LB37/MW37D
C241174_LB02D/MW02D
C241174_SB04
C241174_SV01
C241174_LB02S/MW02S
C241174_IA01_MW30D
C241174_LB30/MW30D
C241174_MW30S
C241174_SSV01/IA01
C241174_LB31/MW31D
C241174_MW31S
C241174_MW11S
C241174_LB11/MW11D
C241174_LB03
C241174_LB32/MW32D
C241174_MW32S
C241174_LB15
C241174_MW33S
C241174_LB33/MW33D
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C241174_MW08S
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C241174_LB18
C241174_LB34/MW34D
C241174_MW34S
C241174_SSV02/IA02
C241174_LB07/MW07D
C241174_MW07S
C241174_LB35/MW35D
C241174_MW35S
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C241174_MW13S
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C241174_SSV03/IA03
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BH 2.7 N
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300'–4 1/2"
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# TABLES

**Table 1**
**Pilot Study Report Memo**
**Sample Summary**

**ABC Block 26**
**NYSDEC BCP Site No. C241174**
**Long Island City, New York**
**Langan Project No. 170340203**

| No. | Sample Name | Sample Type | Sample Location | Date | Time | Analysis |
|---|---|---|---|---|---|---|
| **INDOOR AIR SAMPLING - BASELINE** | | | | | | |
| 1 | C241174_BL-IA01_MW30D_021024 | 2-hour | BL-IA01 | 2/10/2024 | 15:39 | TO-15 VOCs |
| 2 | C241174_BL-IA02_MW34D_021024 | | BL-IA02 | 2/10/2024 | 15:47 | |
| 3 | C241174_AA01_021024 | | BL-AA01 | 2/10/2024 | 15:50 | |
| **INDOOR AIR SAMPLING - LNAPL RECOVERY** | | | | | | |
| 4 | C241174_LR-IA01_MW30D_021724 | 2-hour | LR-IA01 | 2/17/2024 | 16:23 | TO-15 VOCs |
| 5 | C241174_LR-IA02_MW34D_021724 | | LR-IA02 | 2/17/2024 | 16:24 | |
| 6 | C241174_AA02_021724 | | LR-AA02 | 2/17/2024 | 16:26 | |

**Notes:**
1. VOC = Volatile Organic Compound

**Table 2**
**Pilot Study Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

| Analyte | CAS Number | NYSDOH AGVs | NYSDOH BASE Indoor Air Mean | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Location | C241174_AA01 | C241174_AA02 | Baseline<br>C241174_IA01_MW30D | LNAPL Recovery/Sock Replacement<br>C241174_IA01_MW30D | Baseline<br>C241174_IA02_MW34D | LNAPL Recovery/Sock Replacement<br>C241174_IA02_MW34D |
| | | | | Sample Name | C241174_AA01_021024 | C241174_AA02_021724 | C241174_BL-IA01_MW30D_021024 | C241174_LR-IA01_MW30D_021704 | C241174_BL-IA02_MW34D_021024 | C241174_LR-IA02_MW34D_021704 |
| | | | | Sample Date | 02/10/2024 | 02/17/2024 | 02/10/2024 | 02/17/2024 | 02/10/2024 | 02/17/2024 |
| | | | | Sample Type | AA | AA | IA | IA | IA | IA |
| | | | | Unit | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | NS | ug/m3 | <0.515 U | <0.654 U | <0.597 U | <0.665 U | <0.601 U | <0.695 U |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 16.2 | ug/m3 | <0.409 U | <0.519 U | <0.474 U | <0.528 U | <0.477 U | <0.553 U |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | NS | ug/m3 | <0.515 U | <0.654 U | <0.597 U | <0.665 U | <0.601 U | <0.695 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | NS | ug/m3 | <0.575 U | <0.73 U | <0.666 U | <0.742 U | <0.671 U | <0.776 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | 0.6 | ug/m3 | <0.409 U | <0.519 U | <0.474 U | <0.528 U | <0.477 U | <0.553 U |
| 1,1-Dichloroethane | 75-34-3 | NS | 0.2 | ug/m3 | <0.304 U | <0.385 U | <0.352 U | <0.392 U | <0.354 U | <0.41 U |
| 1,1-Dichloroethene | 75-35-4 | NS | 0.5 | ug/m3 | <0.149 U | <0.189 U | <0.172 U | <0.192 U | <0.173 U | <0.201 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | 1.1 | ug/m3 | <1.11 U | <0.707 U | <1.29 U | <0.718 U | <1.3 U | <0.752 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 4.8 | ug/m3 | 0.59 D | 3.46 D | 1.92 D | 1.24 D | 1.42 D | 8.12 D |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | 0.6 | ug/m3 | <0.576 U | <0.731 U | <0.668 U | <0.744 U | <0.672 U | <0.778 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 0.6 | ug/m3 | <0.451 U | <0.572 U | <0.522 U | <0.582 U | <0.526 U | <0.609 U |
| 1,2-Dichloroethane | 107-06-2 | NS | 0.9 | ug/m3 | <0.304 U | <0.385 U | <0.352 U | <0.392 U | <0.354 U | <0.41 U |
| 1,2-Dichloropropane | 78-87-5 | NS | 0.6 | ug/m3 | <0.347 U | <0.44 U | <0.402 U | <0.447 U | <0.404 U | <0.468 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | NS | ug/m3 | <0.524 U | <0.666 U | <0.607 U | <0.677 U | <0.612 U | <0.708 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 1.6 | ug/m3 | <0.369 U | 0.796 D | 0.427 D | 0.476 D | <0.43 U | 2.04 D |
| 1,3-Butadiene | 106-99-0 | NS | 1.4 | ug/m3 | <0.498 U | <0.632 U | <0.577 U | <0.642 U | <0.581 U | <0.672 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | 0.6 | ug/m3 | <0.451 U | <0.572 U | <0.522 U | <0.582 U | <0.526 U | <0.609 U |
| 1,3-Dichloropropane | 142-28-9 | NS | NS | ug/m3 | <0.347 U | <0.44 U | <0.402 U | <0.447 U | <0.404 U | <0.468 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | 3.1 | ug/m3 | <0.451 U | <0.572 U | <0.522 U | <0.582 U | <0.526 U | <0.609 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | NS | ug/m3 | <0.54 U | <0.686 U | <0.626 U | <0.698 U | <0.631 U | <0.73 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | NS | ug/m3 | 1.14 D | <0.78 U | <0.712 U | <0.793 U | <0.717 U | <0.83 U |
| 4-Ethyltoluene | 622-96-8 | NS | 1.7 | ug/m3 | 0.369 D | 0.936 D | 1.41 D | 0.714 D | 0.774 D | 3.74 D |
| Acetone | 67-64-1 | NS | 54 | ug/m3 | 10.3 D | 17.2 D | 402 D | 94.5 D | 366 D | 94.9 D |
| Acrylonitrile | 107-13-1 | NS | NS | ug/m3 | <0.163 U | 2.36 BD | <0.189 U | <0.336 U | <0.19 U | 0.462 J |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | NS | ug/m3 | <1.17 U | <1.49 U | <1.36 U | <1.51 U | <1.37 U | <1.59 U |
| Benzene | 71-43-2 | NS | 4.5 | ug/m3 | 1.03 D | 0.639 D | 1.53 D | 0.711 D | 1.45 D | <0.324 U |
| Benzyl Chloride | 100-44-7 | NS | 1.2 | ug/m3 | <0.388 U | <0.493 U | <0.45 U | <0.501 U | <0.453 U | <0.524 U |
| Bromodichloromethane | 75-27-4 | NS | NS | ug/m3 | <0.502 U | <0.638 U | <0.582 U | <0.649 U | <0.586 U | <0.679 U |
| Bromoethene | 593-60-2 | NS | NS | ug/m3 | <0.328 U | <0.416 U | <0.38 U | <0.423 U | <0.383 U | <0.443 U |
| Bromoform | 75-25-2 | NS | NS | ug/m3 | <0.775 U | <0.984 U | <0.898 U | <1 U | <0.904 U | <1.05 U |
| Bromomethane | 74-83-9 | NS | 0.6 | ug/m3 | <0.291 U | <0.37 U | <0.337 U | <0.376 U | <0.34 U | <0.393 U |
| Carbon Disulfide | 75-15-0 | NS | 1.9 | ug/m3 | <0.234 U | 25.6 D | <0.271 U | 3.38 D | <0.272 U | 12.8 D |
| Carbon Tetrachloride | 56-23-5 | NS | 0.5 | ug/m3 | <0.118 U | 0.479 D | <0.137 U | 0.426 D | 0.385 D | 0.446 D |
| Chlorobenzene | 108-90-7 | NS | 0.4 | ug/m3 | <0.345 U | <0.438 U | <0.4 U | <0.446 U | <0.403 U | <0.466 U |
| Chloroethane | 75-00-3 | NS | 1.1 | ug/m3 | <0.198 U | <0.251 U | <0.229 U | <0.255 U | <0.231 U | <0.267 U |
| Chloroform | 67-66-3 | NS | 0.5 | ug/m3 | <0.366 U | <0.465 U | <0.424 U | <0.473 U | <0.427 U | <0.495 U |
| Chloromethane | 74-87-3 | NS | 2.9 | ug/m3 | 1.16 D | 2.02 D | 1.53 D | 0.999 D | <0.181 U | 1.07 D |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | 0.6 | ug/m3 | <0.149 U | <0.189 U | <0.172 U | <0.192 U | <0.173 U | <0.201 U |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | 0.9 | ug/m3 | <0.34 U | <0.432 U | <0.394 U | <0.439 U | <0.397 U | <0.46 U |
| Cyclohexane | 110-82-7 | NS | NS | ug/m3 | 0.361 D | <0.328 U | 1.88 D | 0.833 D | 1.6 D | 34.2 D |
| Dibromochloromethane | 124-48-1 | NS | NS | ug/m3 | <0.639 U | <0.811 U | <0.74 U | <0.825 U | <0.745 U | <0.863 U |
| Dichlorodifluoromethane | 75-71-8 | NS | 13.8 | ug/m3 | 2.34 D | 2.21 D | 2.58 D | 2.01 D | 2.68 D | 2.25 D |
| Ethyl Acetate | 141-78-6 | NS | 3 | ug/m3 | 0.54 D | <0.686 U | 141 D | 5.37 D | 5.49 D | <0.73 U |
| Ethylbenzene | 100-41-4 | NS | 2.8 | ug/m3 | 0.391 D | 0.455 D | 4.68 D | 0.841 D | 1.79 D | 4.97 D |
| Hexachlorobutadiene | 87-68-3 | NS | 1.5 | ug/m3 | <0.8 U | <1.02 U | <0.927 U | <1.03 U | <0.933 U | <1.08 U |
| Isopropanol | 67-63-0 | NS | 73.1 | ug/m3 | 4.44 J | 3.09 D | 73.4 BD | 13.6 D | 23.3 BD | 18.5 D |
| M,P-Xylene | 179601-23-1 | NS | 10.8 | ug/m3 | 1.07 D | 1.98 D | 16.3 D | 3.53 D | 7.14 D | 16.5 D |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | 6.2 | ug/m3 | 2.15 D | 5.22 D | 16.5 D | 10.8 D | 2.79 D | 3.47 D |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | 3.1 | ug/m3 | <0.307 U | 0.429 D | 6.02 D | 0.833 D | 0.574 D | <0.415 U |
| Methyl Methacrylate | 80-62-6 | NS | NS | ug/m3 | <0.307 U | <0.39 U | 291 D | 60 D | 7.16 D | <0.415 U |
| Methylene Chloride | 75-09-2 | **60** | 21.2 | ug/m3 | 0.651 D | 1.69 D | **351 D** | **159 D** | 28.5 D | 11.5 D |
| Naphthalene | 91-20-3 | NS | 6.6 | ug/m3 | <0.786 UJ | <0.998 U | <0.911 UJ | <1.01 U | <0.917 UJ | <1.06 U |
| n-Heptane | 142-82-5 | NS | NS | ug/m3 | <0.307 U | <0.39 U | 2.96 D | 4.72 D | <0.359 U | 89.9 D |
| n-Hexane | 110-54-3 | NS | 6.3 | ug/m3 | 0.978 D | 0.403 D | 8.06 D | 4.23 D | 1.7 D | 51.5 D |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | 3.8 | ug/m3 | 0.488 D | 1.36 D | 4 D | 1.01 D | 1.63 D | 5.85 D |
| Propylene | 115-07-1 | NS | NS | ug/m3 | <0.129 U | <0.164 U | 7.22 D | <0.167 U | <0.151 U | <0.174 U |
| Styrene | 100-42-5 | NS | 1.5 | ug/m3 | <0.319 U | <0.406 U | 1.33 D | 0.66 D | <0.373 U | 0.432 D |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | 3.3 | ug/m3 | <0.27 U | <0.343 U | <0.313 U | <0.349 U | <0.315 U | <0.365 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | 6 | ug/m3 | 0.56 D | <0.646 U | 1.41 D | <0.657 U | <0.593 U | <0.687 U |
| Tetrahydrofuran | 109-99-9 | NS | NS | ug/m3 | <0.442 U | <0.562 U | 18.2 D | 10.1 D | <0.516 U | <0.598 U |
| Toluene | 108-88-3 | NS | 25.1 | ug/m3 | 1.89 D | 1.72 D | 46.2 D | 16.8 D | 8.18 D | 14.7 D |
| Total Xylenes | 1330-20-7 | NS | NS | ug/m3 | 1.56 D | 3.35 D | 20.3 D | 4.54 D | 8.78 D | 22.3 D |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | NS | ug/m3 | <0.297 U | <0.377 U | <0.345 U | <0.384 U | <0.347 U | <0.402 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | 0.5 | ug/m3 | <0.34 U | <0.432 U | <0.394 U | <0.439 U | <0.397 U | <0.46 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | 2.6 | ug/m3 | <0.101 U | <0.128 U | 1.63 D | 0.624 D | <0.118 U | <0.136 U |
| Trichlorofluoromethane | 75-69-4 | NS | 19.4 | ug/m3 | 1.22 D | 1.28 D | 1.46 D | 1.2 D | <0.492 U | 1.2 D |
| Vinyl Acetate | 108-05-4 | NS | NS | ug/m3 | <0.264 U | <0.335 U | <0.306 U | <0.341 U | <0.308 U | <0.357 U |
| Vinyl Chloride | 75-01-4 | NS | 0.5 | ug/m3 | <0.0959 U | <0.122 U | <0.111 U | <0.124 U | <0.112 U | <0.129 U |

**Table 2**
**Pilot Study Analytical Results**

**ABC Block 26**
**Long Island City, New York**
**BCP Site No. C241174**
**Langan Project No.: 170340203**

**Notes:**

AA - Ambient Air
IA - Indoor Air
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2017).

Indoor air sample analytical results are compared to the mean concentrations for indoor air as shown in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrustion in the State of New York, Appendix C, Table C.2 EPA 2001 Building Assessment and Survey Evaluation (BASE) Database.

Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs
10 - Result exceeds NYSDOH BASE Mean

# APPENDIX A

# NYSDOH QUESTIONNAIRES AND IAQ 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 Camille Quick Date/Time Prepared 2/10/2024 - 13:20

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study

**1. OCCUPANT:**

**Interviewed: Y / N**

Last Name: Wheeler First Name: Edjo

Address: 5-25 46th Ave, Long Island City, New York

County: Queens County

Home Phone: _____ Office Phone: 917 287 3093

Number of Occupants/persons at this location 10 Age of Occupants 20-50 years

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age _____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

Infiltration through southern wall

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / not applicable | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

NA

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | wood workshop |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? woodshop

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? woodshop

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented? _____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

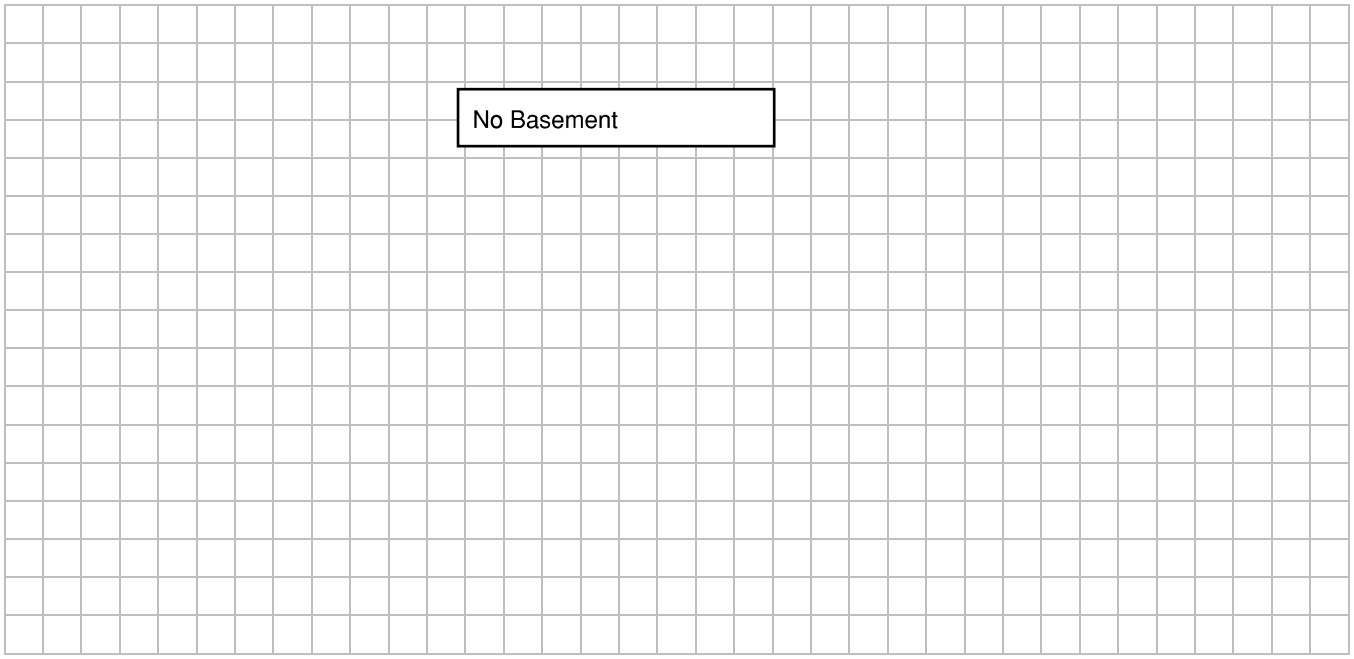
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

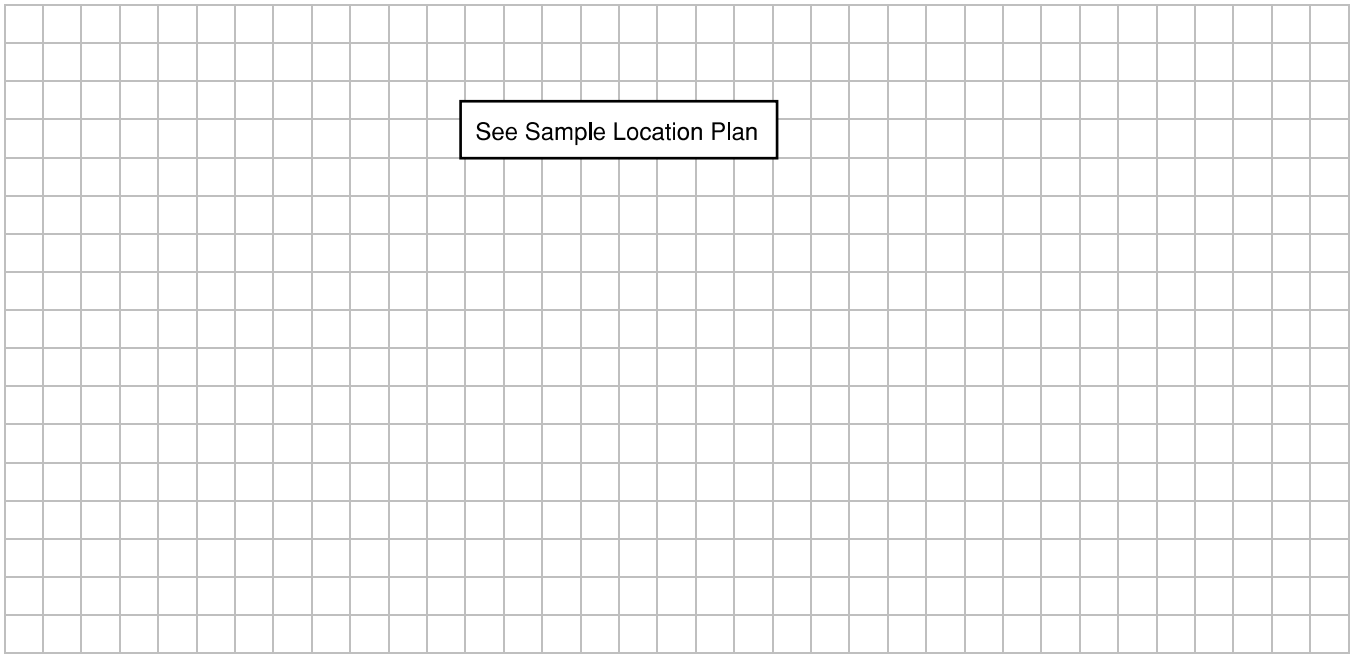
## 11. FLOOR PLANS

**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:**



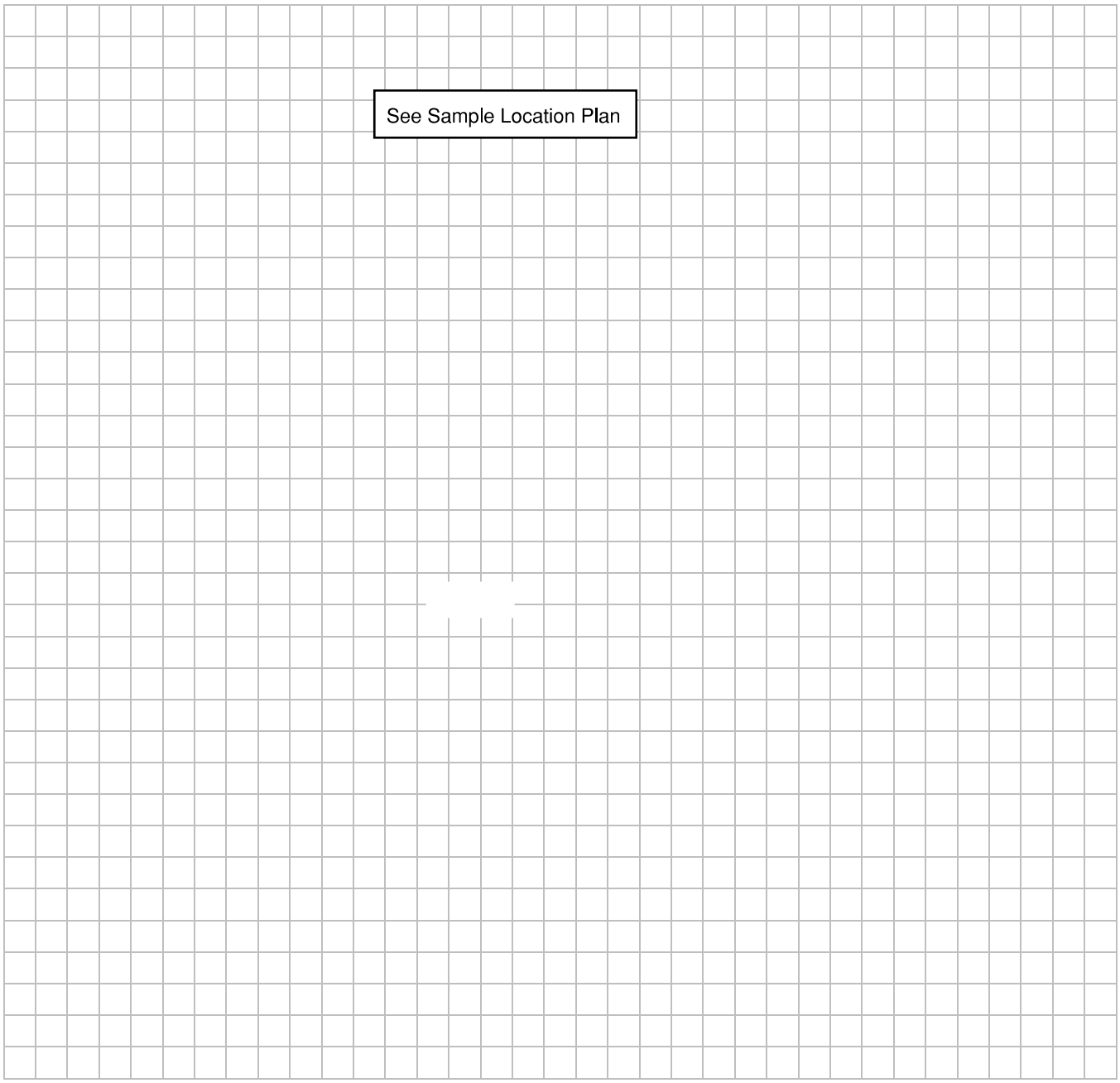

**First Floor:**



**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.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 26 - MW30D** **Langan Project No.: 170340203**

**Site Location:** **Long Island City, NY** **Date: 02/10/2024**

Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW30D | Metaflux - Anti Seize Lubricant Spray (x1) | 13.5 oz | U | Butane, Propane, Pentane, Hydrocarbons, Carbon, Isobutane, Aluminum, Propylene Carbonate, n-Hexane, Cyclohexane, Chromium, Phosphorodithioic Acid | 0.0 | Y |
| MW30D | Rust Free - Rust & Stain Remover (x1) | 8 oz | U | Phosphoric acid, Isopropanol, C12-13 Pareth-15 | 0.0 | Y |
| MW30D | Titebond - Wood Adhesive (x1) | 8 oz | U | "Non-hazardous" | 0.0 | Y |
| MW30D | Titebond - Wood Adhesive (x9) | 16 oz | U | "Non-hazardous" | 1.0 | Y |
| MW30D | Titebond - Wood Adhesive (x11) | 1 gal | (x5 U) (x6 UO) | "Non-hazardous" | 2.0 | Y |
| MW30D | T-9 - Waterproof Lubricant (x1) | 4 oz | U | C13-14 Isoparaffin, C9-11 Alkane/Cycloalkane, Hydrotreated Heavy Naphthenic Distillate Solvent Extract, Petrolatum, Carbon Dioxide, Sodium Petroleum Sulfonate, Sorbitan Tristerate | 0.0 | Y |
| MW30D | Klean Strip - Denatured Alcohol (x2) | 1 gal | U | Ethyl alcohol, Methanol | 0.0 | Y |
| MW30D | Formica 200 - Spray Adhesive (x2) | 38 lb | U | Methylene Chloride, Liquefied Petroleum Gas | 0.0 | Y |
| MW30D | ProMar 200 - Interior Latex (x2) | 4.6 gal | U | Titanium Dioxide | 0.0 | Y |
| MW30D | Uline Tuff Wipes - Disinfectant Wipes (x1) | 75 ct | U | Water, Butyl3-Hydroxybutyrate, Ethoxylated C11 Alocohol, Glycerol, Ethoxylated lauryl Alocohol, Ethoxylated Coco Ammonium Chloride, Lauryl Dimethyl Amine Oxide, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 5-chloro-2-methyl-2H-isothiazol-3-one | 0.0 | Y |
| MW30D | Goo Gone - Adhesive Remover (x1) | 16 oz | U | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Blaster - Silicone Lubricant Spray (x2) | 11 oz | U | Alkanes, Petroleum Distillates, Hydrotrated Light, Carbon Dioxide | 0.0 | Y |
| MW30D | WD-40 - Lubricant (x2) | 11 oz | U | LVP Aliphatic Hydrocarbon, Petroleum Base Oil, Carbon Dioxide | 0.0 | Y |
| MW30D | Irwin - Marking Chalk (x1) | 8 oz | U | Calcium Carbonate, Crystalline Silica | 0.0 | Y |
| MW30D | Benzomatic - Propane Canister (x1) | 14.1 oz | U | Propane, Propylene, Ethane, Butane, Ethyl Mercaptan | 0.0 | Y |
| MW30D | KD Edge Paint | NA | U | NA | 0.0 | Y |
| MW30D | Hercules Purple PVC Primer (x1) | 8 oz | U | Tetrahydrofuran, Methyl Ethly Ketone, Cyclohexanone, Acetone | 0.0 | Y |
| MW30D | Oatey PVC Medium Clear PVC Cement (x1) | 8 oz | U | Furan, Tetrahydro-, Acetone, Methyl Ethly Ketone, Ethene, Chloro-, Homopolymer, Polyvinyl Chloride, Cyclohexanone, Fumed Silica | 0.0 | Y |
| MW30D | Renolit Syn 940 - Synthetic Grease (x1) | 400 g | U | Zinc Oxide, Boric Acid, Potassium Salt, Mineral Oil, Glycerin | 0.0 | Y |
| MW30D | UnibondOne - Adhesive (x1) | 1 qt | U | NA | 0.0 | Y |
| MW30D | Bostik - Lubricant Aerosol (x1) | 5.5 oz | U | Acetone, 1,1-Difluoroethane, 2,2,4-Trimethylpentane, Naphtha, Light Alkylate, 1-Decene, Ethylbenzene, Tricresyl Phosphate | 0.0 | Y |
| MW30D | 3-in-one Multi-Purpose Oil - Lubricant (x1) | 8 oz | U | Severely Hydrotreated Heavy Naphthenic Oil, Naphtha | 0.0 | Y |
| MW30D | Gojo - Hand Cleaner (x1) | 1 gal | U | 1-Methyl 4-(1-Methylethenyl) Cyclohexene, Alcohols, C12-15, Ethoxylated Propoxylated | 0.3 | Y |
| MW30D | Uline - Degreaser (x2) | 32 oz | U | Cylohexene, Propane, Alkanes - C12-14iso | 0.3 | Y |
| MW30D | Eyesaline - Eyewash (x2) | 32 oz | (x1 U) (x1 UO) | "Non-hazardous" | 0.3 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Simple Green - Degreaser (x2) | 1 gal | U | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.3 | Y |
| MW30D | Krud Kutter - Degreaser (x1) | 1 gal | U | Disodium Metasilicate Pentahydrate, Ethoxylated Alcohols | 0.3 | Y |
| MW30D | Honeywell Hydrogen Peroxide - First Aid Antiseptic (x1) | 16 oz | UO | Hydrogen Peroxide | 0.3 | Y |
| MW30D | Krylon Colormaxx - Spray Paint (x30+) | 16 oz | U | Methyl Acetate, Propane, Toluene, Butane, Lt. Aliphatic Hydrocarbon Solvent, Hexane, Xylene Mixed Isomers, 2-Methylpentane, 3-Methylpentane, 2,3-Dimethylbutane, Methyl Ethyl Ketxime, Ethylbenzene, Light Aliphatic Hydrocarbon | 1.2 | Y |
| MW30D | Krylon - Spray Adhesive (x30+) | 11 oz | U | Methyl Acetate, Propane, Butane, Heptane, p-Cholorobenzotrifluoride | 0.0 | Y |
| MW30D | Kimball Midwest Cat Iron Coat - Spray Paint (x30+) | 16 oz | U | Acetone, Propane, Toluene, n-Butane, VM&P Naphtha, Barium Sulfate, Xylene, PM Acetate | 1.2 | Y |
| MW30D | Rust-oluem - Metallic Paint (x30+) | 1 qt | U | Dimethyl Ether, Ethlene Glycol Monobutyl, 2-Propanol, n-Butane, Titanium Dioxide | 1.2 | Y |
| MW30D | Rust-oluem - Filler Primer (x30+) | 15 oz | U | Acetone, Propane, Hydrous Magnesium Silicate, n-Butyl Acetate, n-Butane, Xylenes (o-, m-, p- Isomers), Titanium Dioxide, Ethylbenzene, Zinc Phosphate, Zinc Oxide | 1.2 | Y |
| MW30D | Rust-oleum - Ultra Cover Paint (x30+) | 1 gal | U | Propane, Naphtha, Hydrotreated Light, Hydrous Magnesium Silicate, n-Butane, Titanium Dioxide, Xylene (mixed isomers), Hydrotreated Light Distillate, n-Butyle Acetate, Acetone, Barium Sulfate, Ethylbenzene, Zinc Phosphate, Methyl Ethyl Ketoxime | 1.2 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Benjamin Moore - Regal Classic Paint (x5+) | 1 gal | U | Titanium Dioxide, Zinc Oxide, Crystalline Silica, Diatomaceous Earth | 1.2 | Y |
| MW30D | Benjamin Moore - Regal Classic Paint (x5+) | 5 gal | U | Titanium Dioxide, Zinc Oxide, Crystalline Silica, Diatomaceous Earth | 1.2 | Y |
| MW30D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | U | Isopropyl Alcohol | 1.2 | Y |
| MW30D | Walgreens 91% Isopropyl Alcohol - First Aid Antiseptic (x1) | 32 oz | UO | Isopropyl Alcohol | 1.2 | Y |
| MW30D | Minwax - Polyurethane (x1) | 1 qt | U | Light Aliphatic Hydrocarbon, Zirconium 2-Ethylhexanoate, Methyl Ethyl Ketoxime, Dibutyltin Dichloride | 1.2 | Y |
| MW30D | Armor All - Car Cleaner (x1) | 28 oz | U | Mineral Oil | 0.3 | Y |
| MW30D | Prestone - Antifreeze Coolant (x1) | 32 oz | U | Ethylene Glycol 2-Ethyl Hexanoic Acid, Neodecanoic Acid, Diethylene Glycol | 0.3 | Y |
| MW30D | Latex-ite Ice and Snow Melt - De-Icer (x2) | 30 lb | (x1 U) (x1 UO) | Sodium Chloride, Calcium Chloride, Magnesium Chloride, CMA | 0.3 | Y |
| MW30D | Meguiars - Tire Coating (x4) | 15 oz | U | Petroleum Distillate | 0.3 | Y |
| MW30D | Fix-A-Flat - Tire Sealer (x1) | 20 oz | U | Glycerol, (1E)-1,3,3,3-Tetrafluoro-1-propene | 0.3 | Y |
| MW30D | Mohawk Ultra Penetrating NGR DYE Stain - Wood Stain (x1) | 1 qt | U | Acetone, Ethanol | 0.0 | Y |
| MW30D | Ingersoll Rand - Compressor Coolant (x1) | 10 oz | U | Polypropylene Glycol, Pentaerythritol Ester, Alkylated Diphenylamine, Barium Dinony | 0.0 | Y |
| MW30D | WAHL Hair Clipper Blade Oil - Lubricant (x1) | 4.6 oz | U | White Mineral Oil | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**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 Roswell Lo Date/Time Prepared 2/17/2024

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study

**1. OCCUPANT:**

**Interviewed: Y / N**

Last Name: Wheeler First Name: Edjo

Address: 5-25 46th Ave, Long Island City, New York

County: Queens County

Home Phone: _____ Office Phone: 917 287 3093

Number of Occupants/persons at this location 10 Age of Occupants 20-50 years

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

**4. AIRFLOW**

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

Infiltration through southern wall

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y /(N) | | | |
| **k. Water in sump?** | Y / N /(not applicable) | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

Crack in floor

_____

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | wood workshop |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? woodshop

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? woodshop

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented? _____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

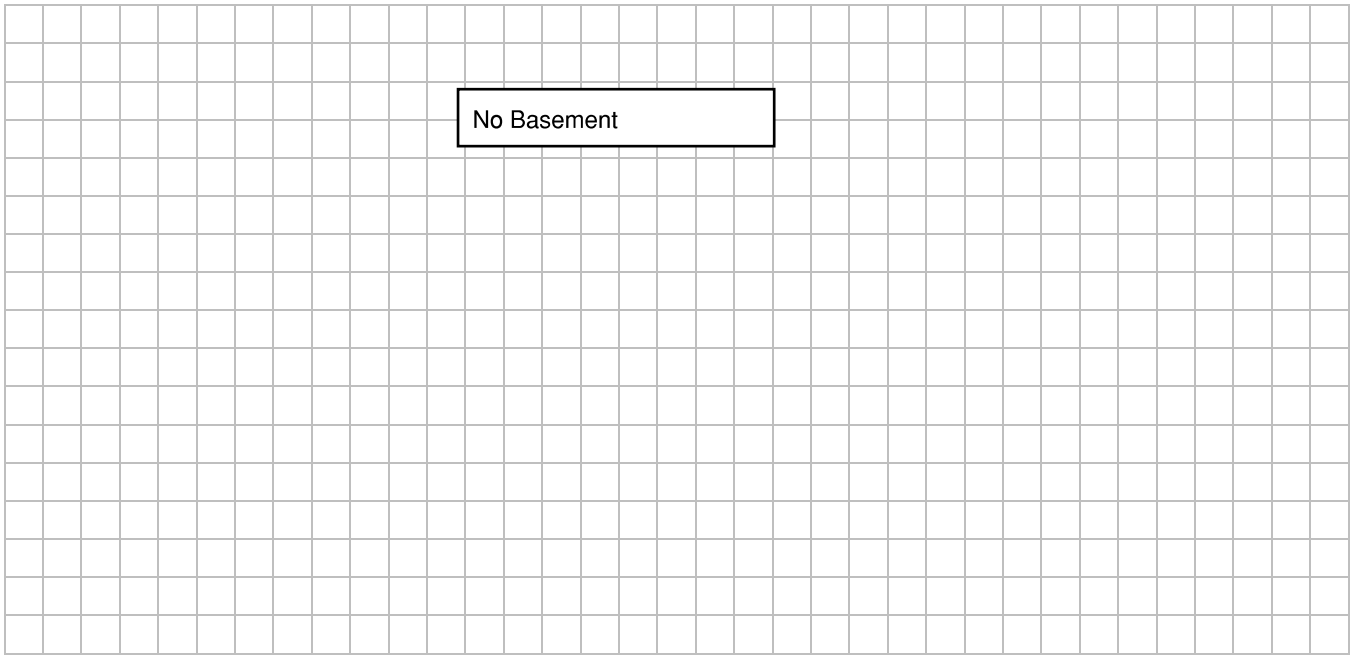
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

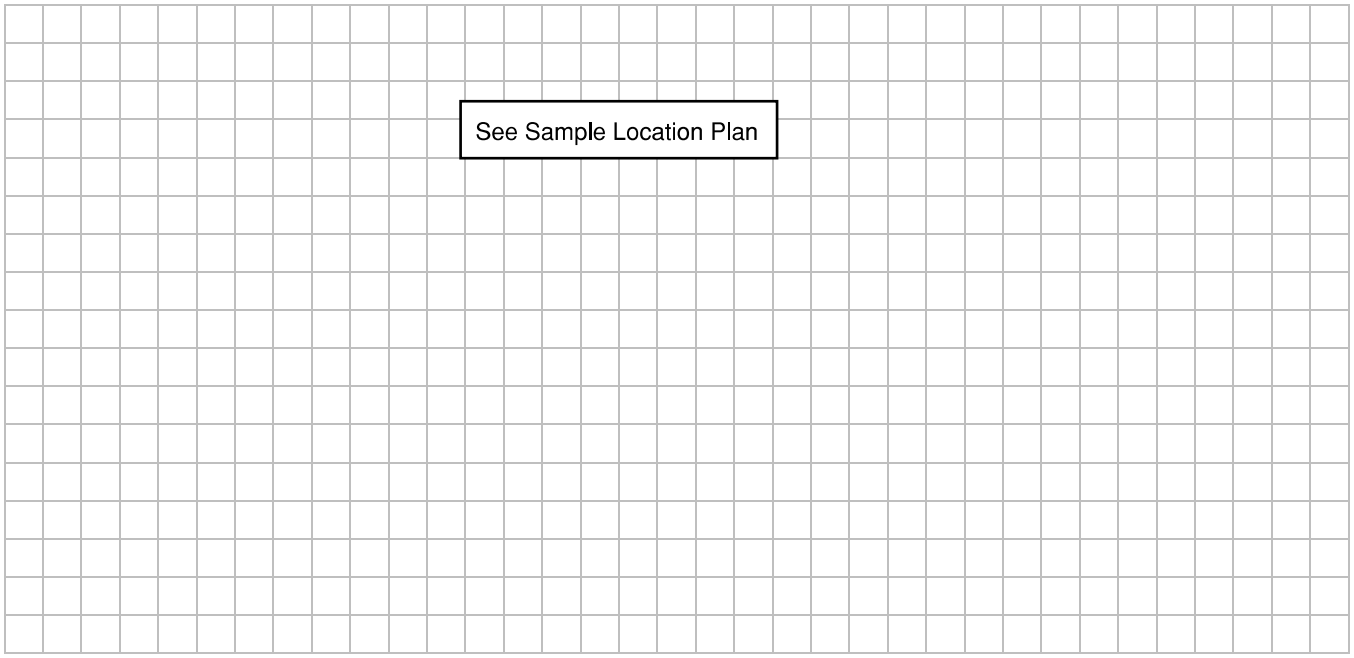
## 11. FLOOR PLANS

**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:**



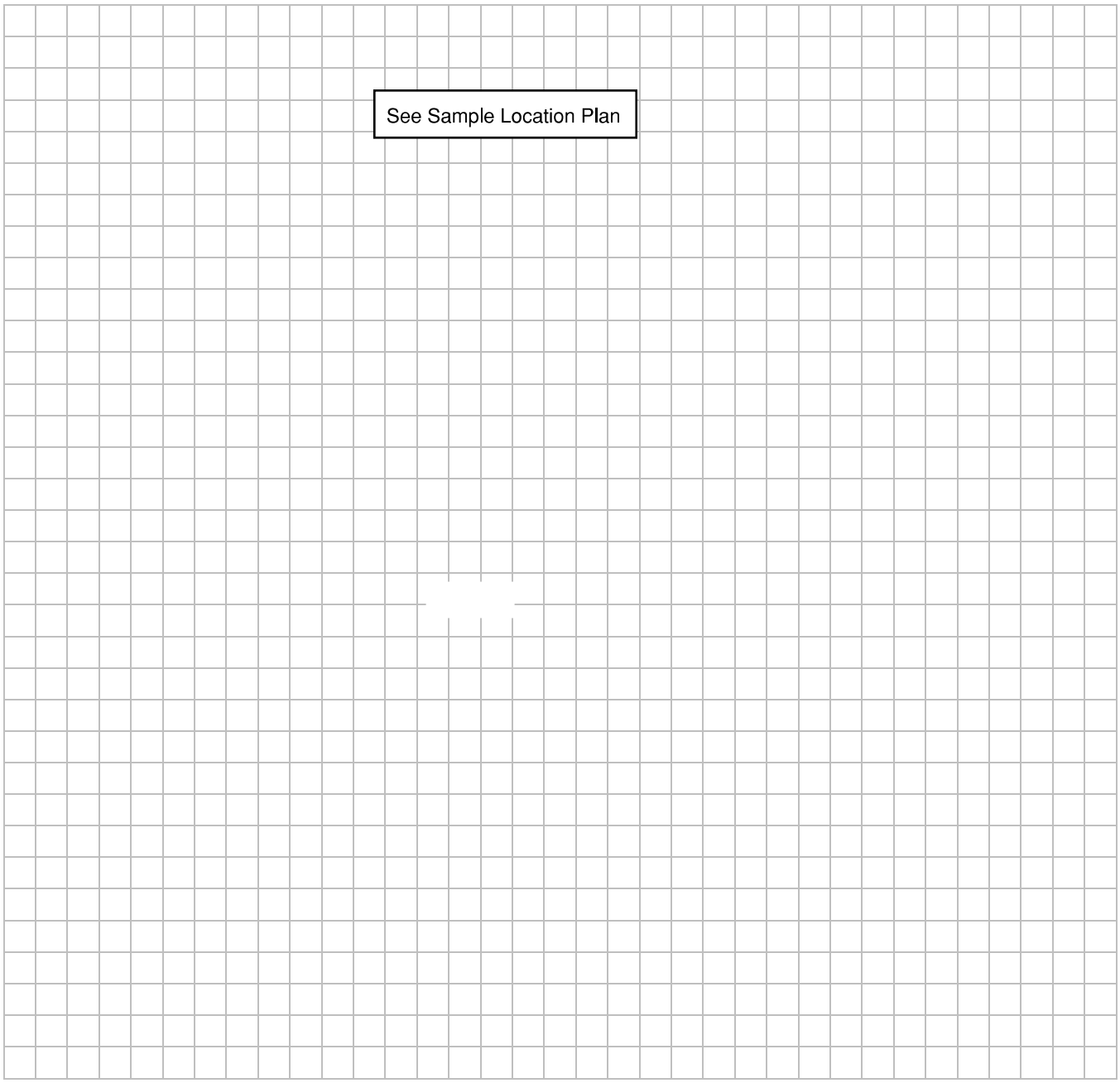

**First Floor:**



**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.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 26 - MW30D** **Langan Project No.: 170340203**

**Site Location:** **Long Island City, NY** **Date: 02/17/2024**

Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW30D | Metaflux - Anti Seize Lubricant Spray (x1) | 13.5 oz | U | Butane, Propane, Pentane, Hydrocarbons, Carbon, Isobutane, Aluminum, Propylene Carbonate, n-Hexane, Cyclohexane, Chromium, Phosphorodithioic Acid | 0.0 | Y |
| MW30D | Rust Free - Rust & Stain Remover (x1) | 8 oz | U | Phosphoric acid, Isopropanol, C12-13 Pareth-15 | 0.0 | Y |
| MW30D | Titebond - Wood Adhesive (x1) | 8 oz | U | "Non-hazardous" | 0.0 | Y |
| MW30D | Titebond - Wood Adhesive (x9) | 16 oz | U | "Non-hazardous" | 1.0 | Y |
| MW30D | Titebond - Wood Adhesive (x11) | 1 gal | (x5 U) (x6 UO) | "Non-hazardous" | 2.0 | Y |
| MW30D | T-9 - Waterproof Lubricant (x1) | 4 oz | U | C13-14 Isoparaffin, C9-11 Alkane/Cycloalkane, Hydrotreated Heavy Naphthenic Distillate Solvent Extract, Petrolatum, Carbon Dioxide, Sodium Petroleum Sulfonate, Sorbitan Tristerate | 0.0 | Y |
| MW30D | Klean Strip - Denatured Alcohol (x2) | 1 gal | U | Ethyl alcohol, Methanol | 0.0 | Y |
| MW30D | Formica 200 - Spray Adhesive (x2) | 38 lb | U | Methylene Chloride, Liquefied Petroleum Gas | 0.0 | Y |
| MW30D | ProMar 200 - Interior Latex (x2) | 4.6 gal | U | Titanium Dioxide | 0.0 | Y |
| MW30D | Uline Tuff Wipes - Disinfectant Wipes (x1) | 75 ct | U | Water, Butyl3-Hydroxybutyrate, Ethoxylated C11 Alocohol, Glycerol, Ethoxylated lauryl Alocohol, Ethoxylated Coco Ammonium Chloride, Lauryl Dimethyl Amine Oxide, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 5-chloro-2-methyl-2H-isothiazol-3-one | 0.0 | Y |
| MW30D | Goo Gone - Adhesive Remover (x1) | 16 oz | U | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Blaster - Silicone Lubricant Spray (x2) | 11 oz | U | Alkanes, Petroleum Distillates, Hydrotrated Light, Carbon Dioxide | 0.0 | Y |
| MW30D | WD-40 - Lubricant (x2) | 11 oz | U | LVP Aliphatic Hydrocarbon, Petroleum Base Oil, Carbon Dioxide | 0.0 | Y |
| MW30D | Irwin - Marking Chalk (x1) | 8 oz | U | Calcium Carbonate, Crystalline Silica | 0.0 | Y |
| MW30D | Benzomatic - Propane Canister (x1) | 14.1 oz | U | Propane, Propylene, Ethane, Butane, Ethyl Mercaptan | 0.0 | Y |
| MW30D | KD Edge Paint | NA | U | NA | 0.0 | Y |
| MW30D | Hercules Purple PVC Primer (x1) | 8 oz | U | Tetrahydrofuran, Methyl Ethly Ketone, Cyclohexanone, Acetone | 0.0 | Y |
| MW30D | Oatey PVC Medium Clear PVC Cement (x1) | 8 oz | U | Furan, Tetrahydro-, Acetone, Methyl Ethly Ketone, Ethene, Chloro-, Homopolymer, Polyvinyl Chloride, Cyclohexanone, Fumed Silica | 0.0 | Y |
| MW30D | Renolit Syn 940 - Synthetic Grease (x1) | 400 g | U | Zinc Oxide, Boric Acid, Potassium Salt, Mineral Oil, Glycerin | 0.0 | Y |
| MW30D | UnibondOne - Adhesive (x1) | 1 qt | U | NA | 0.0 | Y |
| MW30D | Bostik - Lubricant Aerosol (x1) | 5.5 oz | U | Acetone, 1,1-Difluoroethane, 2,2,4-Trimethylpentane, Naphtha, Light Alkylate, 1-Decene, Ethylbenzene, Tricresyl Phosphate | 0.0 | Y |
| MW30D | 3-in-one Multi-Purpose Oil - Lubricant (x1) | 8 oz | U | Severely Hydrotreated Heavy Naphthenic Oil, Naphtha | 0.0 | Y |
| MW30D | Gojo - Hand Cleaner (x1) | 1 gal | U | 1-Methyl 4-(1-Methylethenyl) Cyclohexene, Alcohols, C12-15, Ethoxylated Propoxylated | 0.3 | Y |
| MW30D | Uline - Degreaser (x2) | 32 oz | U | Cylohexene, Propane, Alkanes - C12-14iso | 0.3 | Y |
| MW30D | Eyesaline - Eyewash (x2) | 32 oz | (x1 U) (x1 UO) | "Non-hazardous" | 0.3 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Simple Green - Degreaser (x2) | 1 gal | U | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.3 | Y |
| MW30D | Krud Kutter - Degreaser (x1) | 1 gal | U | Disodium Metasilicate Pentahydrate, Ethoxylated Alcohols | 0.3 | Y |
| MW30D | Honeywell Hydrogen Peroxide - First Aid Antiseptic (x1) | 16 oz | UO | Hydrogen Peroxide | 0.3 | Y |
| MW30D | Krylon Colormaxx - Spray Paint (x30+) | 16 oz | U | Methyl Acetate, Propane, Toluene, Butane, Lt. Aliphatic Hydrocarbon Solvent, Hexane, Xylene Mixed Isomers, 2-Methylpentane, 3-Methylpentane, 2,3-Dimethylbutane, Methyl Ethyl Ketxime, Ethylbenzene, Light Aliphatic Hydrocarbon | 1.2 | Y |
| MW30D | Krylon - Spray Adhesive (x30+) | 11 oz | U | Methyl Acetate, Propane, Butane, Heptane, p-Cholorobenzotrifluoride | 0.0 | Y |
| MW30D | Kimball Midwest Cat Iron Coat - Spray Paint (x30+) | 16 oz | U | Acetone, Propane, Toluene, n-Butane, VM&P Naphtha, Barium Sulfate, Xylene, PM Acetate | 1.2 | Y |
| MW30D | Rust-oluem - Metallic Paint (x30+) | 1 qt | U | Dimethyl Ether, Ethlene Glycol Monobutyl, 2-Propanol, n-Butane, Titanium Dioxide | 1.2 | Y |
| MW30D | Rust-oluem - Filler Primer (x30+) | 15 oz | U | Acetone, Propane, Hydrous Magnesium Silicate, n-Butyl Acetate, n-Butane, Xylenes (o-, m-, p- Isomers), Titanium Dioxide, Ethylbenzene, Zinc Phosphate, Zinc Oxide | 1.2 | Y |
| MW30D | Rust-oleum - Ultra Cover Paint (x30+) | 1 gal | U | Propane, Naphtha, Hydrotreated Light, Hydrous Magnesium Silicate, n-Butane, Titanium Dioxide, Xylene (mixed isomers), Hydrotreated Light Distillate, n-Butyle Acetate, Acetone, Barium Sulfate, Ethylbenzene, Zinc Phosphate, Methyl Ethyl Ketoxime | 1.2 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Benjamin Moore - Regal Classic Paint (x5+) | 1 gal | U | Titanium Dioxide, Zinc Oxide, Crystalline Silica, Diatomaceous Earth | 1.2 | Y |
| MW30D | Benjamin Moore - Regal Classic Paint (x5+) | 5 gal | U | Titanium Dioxide, Zinc Oxide, Crystalline Silica, Diatomaceous Earth | 1.2 | Y |
| MW30D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | U | Isopropyl Alcohol | 1.2 | Y |
| MW30D | Walgreens 91% Isopropyl Alcohol - First Aid Antiseptic (x1) | 32 oz | UO | Isopropyl Alcohol | 1.2 | Y |
| MW30D | Minwax - Polyurethane (x1) | 1 qt | U | Light Aliphatic Hydrocarbon, Zirconium 2-Ethylhexanoate, Methyl Ethyl Ketoxime, Dibutyltin Dichloride | 1.2 | Y |
| MW30D | Armor All - Car Cleaner (x1) | 28 oz | U | Mineral Oil | 0.3 | Y |
| MW30D | Prestone - Antifreeze Coolant (x1) | 32 oz | U | Ethylene Glycol 2-Ethyl Hexanoic Acid, Neodecanoic Acid, Diethylene Glycol | 0.3 | Y |
| MW30D | Latex-ite Ice and Snow Melt - De-Icer (x2) | 30 lb | (x1 U) (x1 UO) | Sodium Chloride, Calcium Chloride, Magnesium Chloride, CMA | 0.3 | Y |
| MW30D | Meguiars - Tire Coating (x4) | 15 oz | U | Petroleum Distillate | 0.3 | Y |
| MW30D | Fix-A-Flat - Tire Sealer (x1) | 20 oz | U | Glycerol, (1E)-1,3,3,3-Tetrafluoro-1-propene | 0.3 | Y |
| MW30D | Mohawk Ultra Penetrating NGR DYE Stain - Wood Stain (x1) | 1 qt | U | Acetone, Ethanol | 0.0 | Y |
| MW30D | Ingersoll Rand - Compressor Coolant (x1) | 10 oz | U | Polypropylene Glycol, Pentaerythritol Ester, Alkylated Diphenylamine, Barium Dinony | 0.0 | Y |
| MW30D | WAHL Hair Clipper Blade Oil - Lubricant (x1) | 4.6 oz | U | White Mineral Oil | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**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 Camille Quick Date/Time Prepared 2/10/2024 - 13:20

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study

**1. OCCUPANT:**

**Interviewed: Y / N**

Last Name: Wheeler First Name: Edjo

Address: 5-25 46th Ave, Long Island City, New York

County: Queens County

Home Phone: _____ Office Phone: 917 287 3093

Number of Occupants/persons at this location 10 Age of Occupants 20-50 years

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

**4. AIRFLOW**

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

Infiltration through southern wall

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / not applicable | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

NA

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | Artist studio/creative space open to the public |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? art studio main floor

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor/art studio

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented? _____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

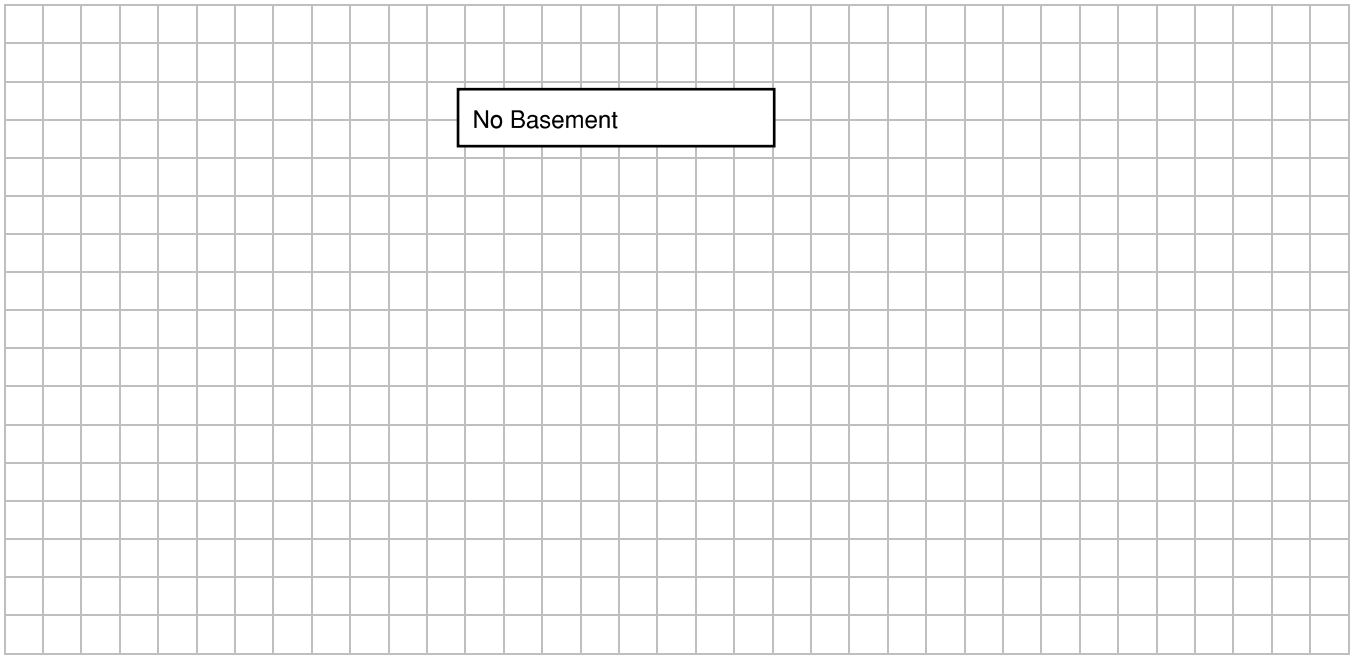
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

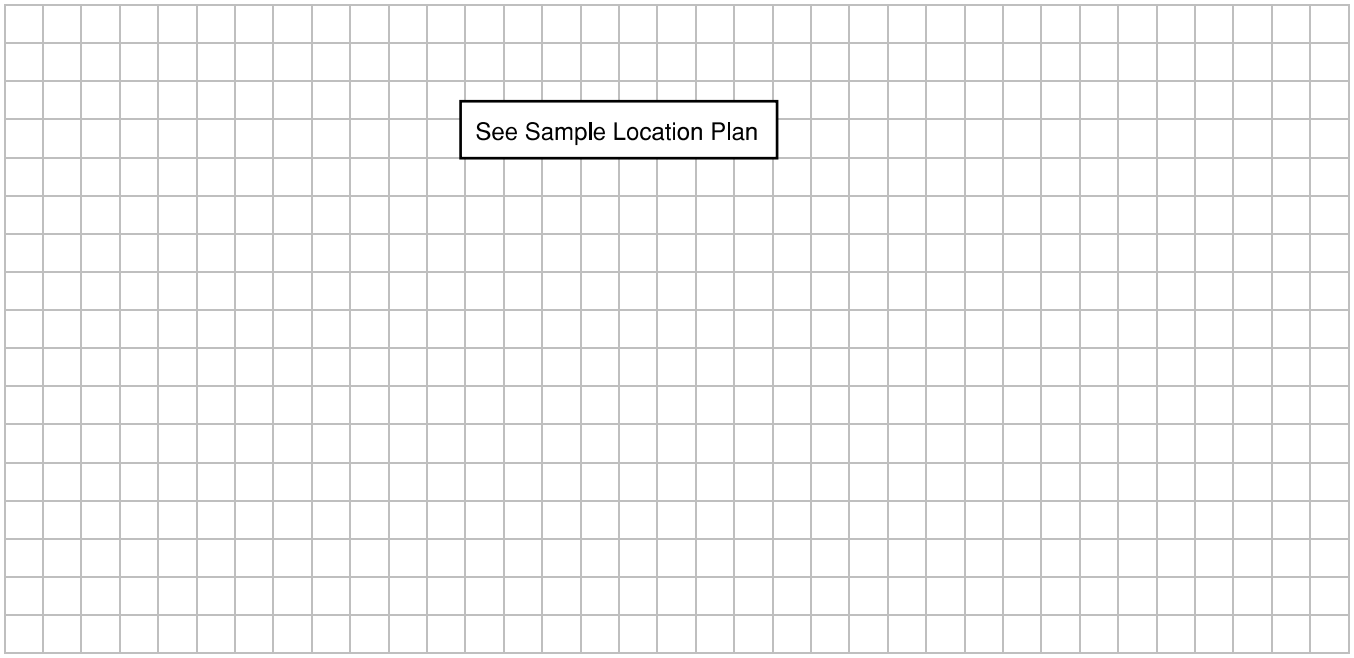
## 11. FLOOR PLANS

**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:**



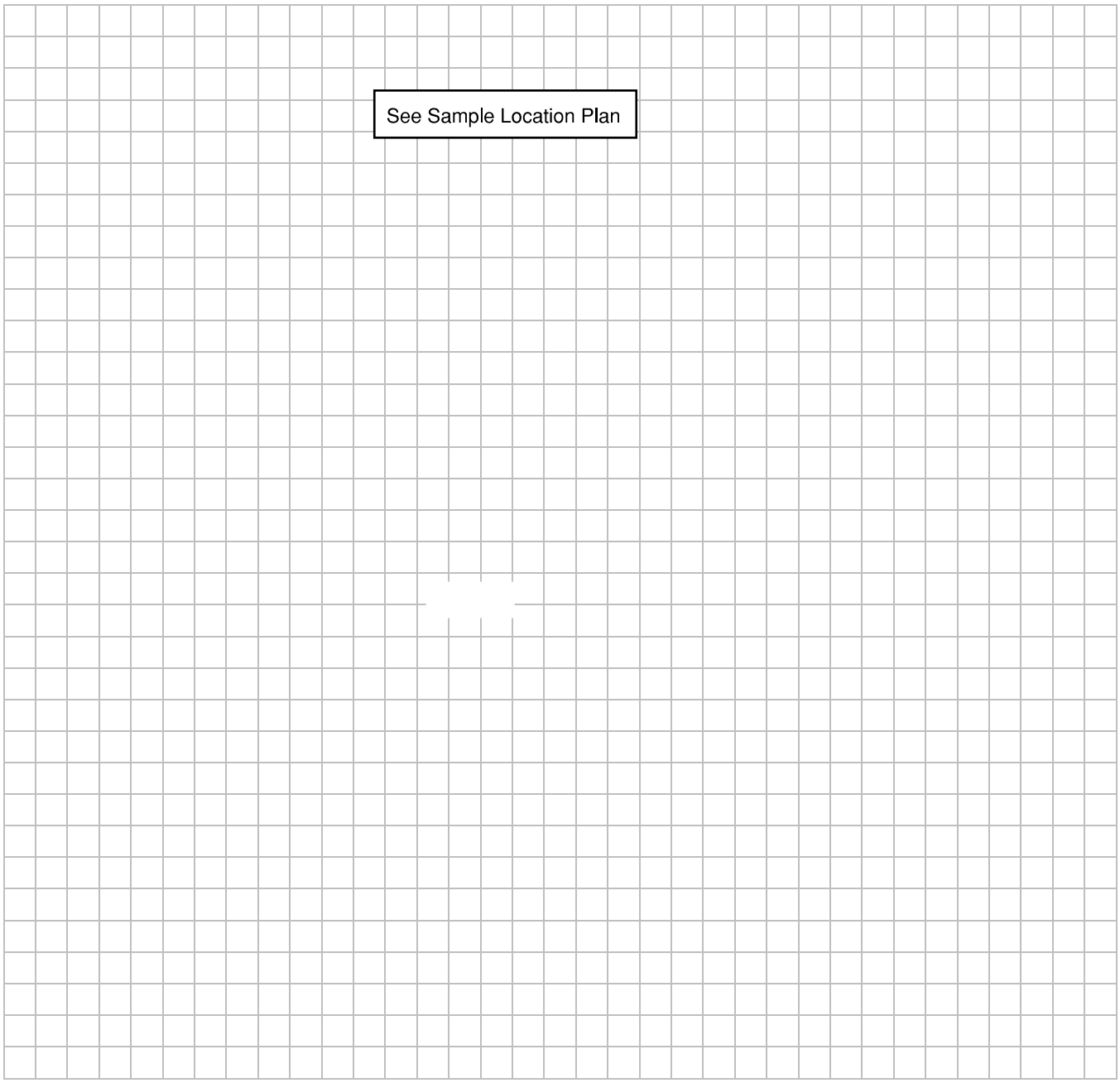

**First Floor:**



**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.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 26 - MW34D** **Langan Project No.: 170340203**

**Site Location:** **Long Island City, NY** **Date: 02/10/2024**

Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW34D | West Sytem 207 Special Clear Hardener - Epoxy Resin (x1) | 1.45 gal | U | Trimethylhexamethylenediamine, Polyoxypropylenediamine, Phenol, 4,4′-(1-methylethylidene)bis-, Polymer with (chloromethyl)Oxirane, Isophoronediamine, Hydroxybenzene | 0.0 | Y |
| MW34D | Soho Materials - Painting Medium (x1) | 32 oz | UO | NA | 0.0 | Y |
| MW34D | Hydrogen Peroxide - First Aid Antiseptic (x1) | 16 oz | UO | Hydrogen Peroxide | 0.0 | Y |
| MW34D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | U | Isopropyl Alcohol | 0.0 | Y |
| MW34D | CRC Duster - Pressurized Gas (x6) | 8 oz | (x4 U) (x2 UO) | 1,1,1,2-tetrafluoroethane | 0.0 | Y |
| MW34D | Benzomatic - Propane Canister (x5) | 14.1 oz | (x3 U) (x2 UO) | Propane, Propylene, Ethane, Butane, Ethyl Mercaptan | 0.0 | Y |
| MW34D | Uline Air In A Can - Pressurized Gas (x12) | 12 oz | (x3 U) (x9 UO) | 1,1-difluoroethane | 0.0 | Y |
| MW34D | Krylon - Spray Adhesive (x1) | 11 oz | U | Methyl Acetate, Propane, Butane, Heptane, p-Cholorobenzotrifluoride | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 2 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 5 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, Cadmium Selenide, Calcium Carbonate, Calcium Silicate, Carbon Black, Chromium (III) Compounds, Chromium Metal, CI PY 35 (Cadmium Pigment), CI PR 108 (Cadmium Pigment), Cobalt Compounds, Copper, Crystalline Silica, Dipropylene | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 8 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW34D | Golden Acrylics - Paint (x30+) | 16 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |
| MW34D | Novus Plastic Clean & Shine - Plastic Polish (x8) | 8 oz | (x4 U) (x4 UO) | Isopropyl Alcohol, Polydimethylsiloxane, Silanol Terminated, Dimethylpolysiloxane | 0.0 | Y |
| MW34D | Windolene - Glass Cleaner (x3) | 17 oz | UO | Kerosine, Naphtha, Benzisothiazolinone | 0.0 | Y |
| MW34D | Method - Wood Polish (x1) | 14 oz | U | Glycerin, 2-methyl-2H-isothiazolin-3-one | 0.0 | Y |
| MW34D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |
| MW34D | Krylon Colormaxx - Spray Paint (x30+) | 16 oz | U | Methyl Acetate, Propane, Toluene, Butane, Lt. Aliphatic Hydrocarbon Solvent, Hexane, Xylene Mixed Isomers, 2-Methylpentane, 3-Methylpentane, | 0.0 | Y |
| MW34D | Goo Gone - Adhesive Remover (x1) | 16 oz | U | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW34D | Titebond - Wood Adhesive (x1) | 16 oz | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Lysol - Disinfectant Spray (x1) | 32 oz | U | Ethanol, Butane, Propane | 0.0 | Y |
| MW34D | Oxiclean- Laudry Detergent (x1) | 56 oz | U | C12-15 Ethoxylated Alcohols, Hydrogen Peroxide, Benzenesulfonic Acid, 4-dodecyl-, Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, Sodium Hydroxide | 0.0 | Y |
| MW34D | Fast Orange - Hand Cleaner (x1) | 1 gal | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Clorox Bleach Foamer - Disinfectant (x1) | 30 oz | U | Sodium Hypochlorite, Sodium Hydroxide | 0.0 | Y |
| MW34D | Meyer's Clean Day - Dish Soap (x1) | 16 oz | U | Sodium Lauryl Sulfate, Lauramine Oxide, Glycerine, Fragrance | 0.0 | Y |
| MW34D | Raw Sugar - Hand Cleaner (x1) | 16.9 oz | U | Water, Cocamidopropyl Betaine, Sodium C14-16 Olefin Sulfonate, Sodium Cocoamphoacetate, Sodium Cocoyl Glutamate, Sodium Cocoyl | 0.0 | Y |
| MW34D | Devcon Epoxy Resin (x12) | 4.25 oz | U | Bisphenol A, Epichlorohydrin | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**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 Roswell Lo Date/Time Prepared 2/17/2024

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study

**1. OCCUPANT:**

**Interviewed: Y / N**

Last Name: Wheeler First Name: Edjo

Address: 5-25 46th Ave, Long Island City, New York

County: Queens County

Home Phone: _____ Office Phone: 917 287 3093

Number of Occupants/persons at this location 10 Age of Occupants 20-50 years

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) fine/performing art

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

**4. AIRFLOW**

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

Infiltration through southern wall

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y /(N) | | | |
| **k. Water in sump?** | Y / N /(not applicable) | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

Crack in floor

_____

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | Artist studio, creative space open to the public |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? Art studio main floor

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor/art studio

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented? _____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

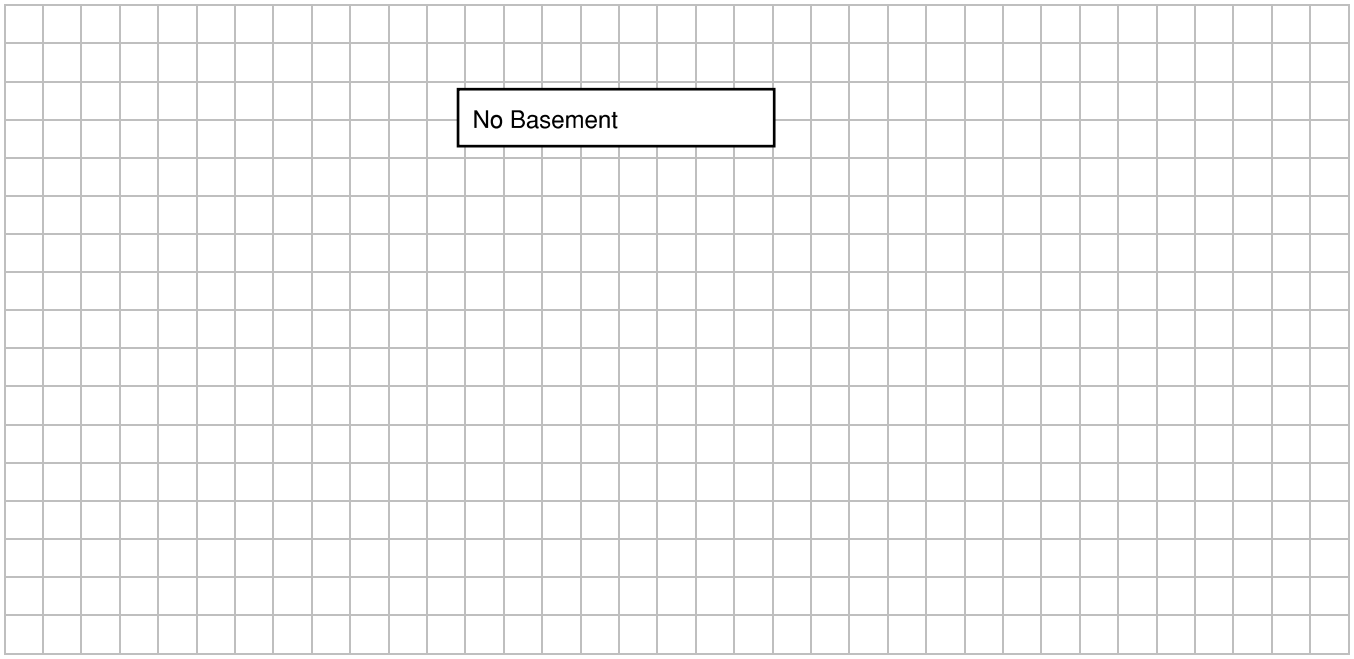
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

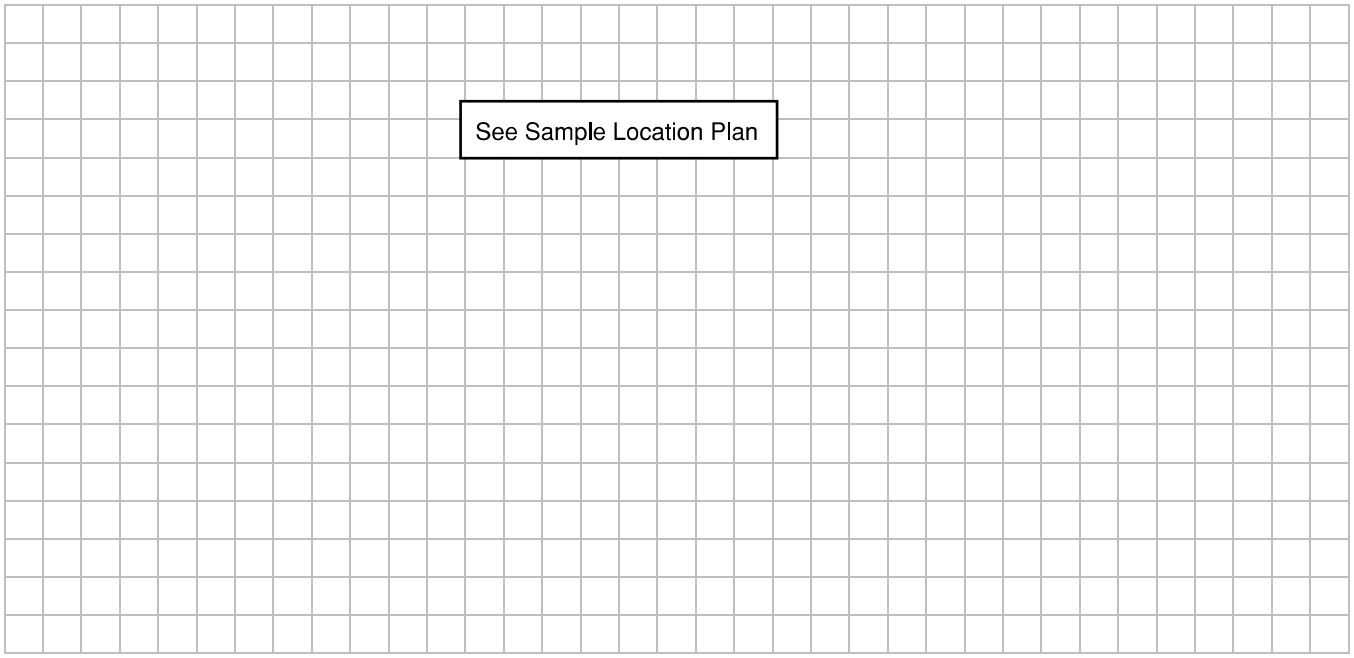
## 11. FLOOR PLANS

**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:**



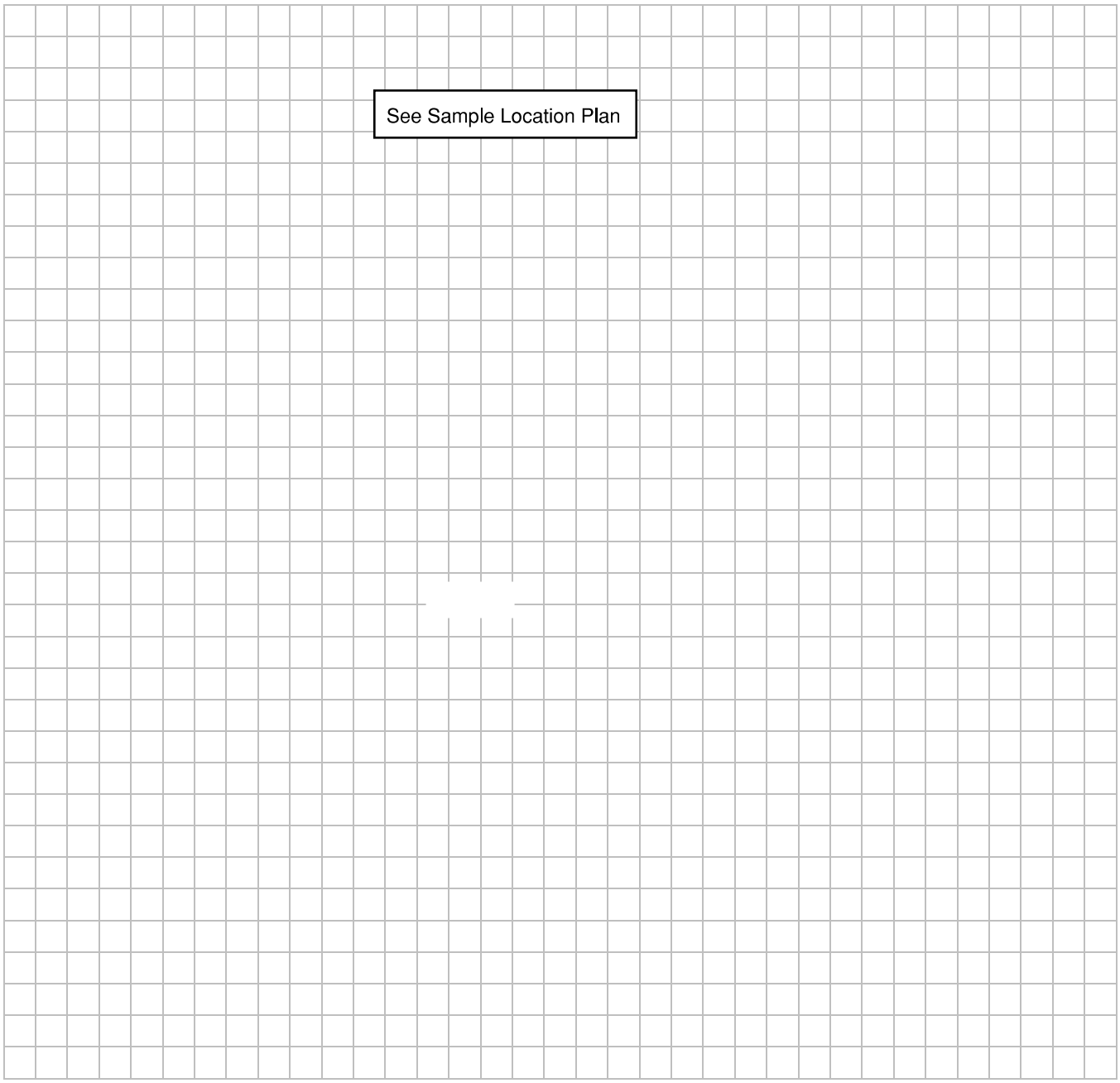

**First Floor:**



**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.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 26 - MW34D** **Langan Project No.: 170340203**

**Site Location:** **Long Island City, NY** **Date: 02/17/2024**

Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW34D | Soho Materials - Painting Medium (x1) | 32 oz | UO | NA | 0.0 | Y |
| MW34D | Hydrogen Peroxide - First Aid Antiseptic (x1) | 16 oz | UO | Hydrogen Peroxide | 0.0 | Y |
| MW34D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | U | Isopropyl Alcohol | 0.0 | Y |
| MW34D | CRC Duster - Pressurized Gas (x6) | 8 oz | (x4 U) (x2 UO) | 1,1,1,2-tetrafluoroethane | 0.0 | Y |
| MW34D | Benzomatic - Propane Canister (x5) | 14.1 oz | (x3 U) (x2 UO) | Propane, Propylene, Ethane, Butane, Ethyl Mercaptan | 0.0 | Y |
| MW34D | Uline Air In A Can - Pressurized Gas (x12) | 12 oz | (x3 U) (x9 UO) | 1,1-difluoroethane | 0.0 | Y |
| MW34D | Krylon - Spray Adhesive (x1) | 11 oz | U | Methyl Acetate, Propane, Butane, Heptane, p-Cholorobenzotrifluoride | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 2 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 5 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 8 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, Cadmium Selenide, Calcium Carbonate, Calcium Silicate, Carbon Black, Chromium (III) Compounds, Chromium Metal, CI PY 35 (Cadmium Pigment), CI PR 108 (Cadmium Pigment), Cobalt Compounds, Copper, Crystalline Silica, Dipropylene | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 16 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW34D | Novus Plastic Clean & Shine - Plastic Polish (x8) | 8 oz | (x4 U) (x4 UO) | Isopropyl Alcohol, Polydimethylsiloxane, Silanol Terminated, Dimethylpolysiloxane | 0.0 | Y |
| MW34D | Windolene - Glass Cleaner (x3) | 17 oz | UO | Kerosine, Naphtha, Benzisothiazolinone | 0.0 | Y |
| MW34D | Method - Wood Polish (x1) | 14 oz | U | Glycerin, 2-methyl-2H-isothiazolin-3-one | 0.0 | Y |
| MW34D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |
| MW34D | Krylon Colormaxx - Spray Paint (x30+) | 16 oz | U | Methyl Acetate, Propane, Toluene, Butane, Lt. Aliphatic Hydrocarbon Solvent, Hexane, Xylene Mixed Isomers, 2-Methylpentane, 3-Methylpentane, | 0.0 | Y |
| MW34D | Goo Gone - Adhesive Remover (x1) | 16 oz | U | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW34D | Titebond - Wood Adhesive (x1) | 16 oz | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Lysol - Disinfectant Spray (x1) | 32 oz | U | Ethanol, Butane, Propane | 0.0 | Y |
| MW34D | Oxiclean- Laudry Detergent (x1) | 56 oz | U | C12-15 Ethoxylated Alcohols, Hydrogen Peroxide, Benzenesulfonic Acid, 4-dodecyl-, Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, | 0.0 | Y |
| MW34D | Fast Orange - Hand Cleaner (x1) | 1 gal | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Clorox Bleach Foamer - Disinfectant (x1) | 30 oz | U | Sodium Hypochlorite, Sodium Hydroxide | 0.0 | Y |
| MW34D | Meyer's Clean Day - Dish Soap (x1) | 16 oz | U | Sodium Lauryl Sulfate, Lauramine Oxide, Glycerine, Fragrance | 0.0 | Y |
| MW34D | Raw Sugar - Hand Cleaner (x1) | 16.9 oz | U | Water, Cocamidopropyl Betaine, Sodium C14-16 Olefin Sulfonate, Sodium Cocoamphoacetate, Sodium Cocoyl Glutamate, Sodium Cocoyl | 0.0 | Y |
| MW34D | Devcon Epoxy Resin (x12) | 4.25 oz | U | Bisphenol A, Epichlorohydrin | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

# APPENDIX B

# INDOOR AND AMBIENT AIR SAMPLING LOGS

# AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-IA01_MW30D

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Camille Quick | **SAMPLE DATE STARTED:** 2/10/2024 | **DATE FINISHED:** 2/10/2024 |
| **INSPECTOR:** Camille Quick | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** Tenant operations include manufacturing. | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 41-58F<br>Wind: WSW<br>Precipitation: 0 in<br>Pressure: 29.8 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.4 |
| **SAMPLE START TIME:** | 13:59 |
| **SAMPLE STOP TIME:** | 15:47 |
| **TOTAL SAMPLE TIME (MIN):** | 107 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.4 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 20665 |
| **REGULATOR SERIAL NUMBER:** | 13559 |
| **CAN START VACUUM PRESS. (" HG):** | -29.5 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
360 West 31st Street, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-IA01_MW34D

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Camille Quick | **SAMPLE DATE STARTED:** 2/10/2024 | **DATE FINISHED:** 2/10/2024 |
| **INSPECTOR:** Camille Quick | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 41-58F<br>Wind: WSW<br>Precipitation: 0 in<br>Pressure: 29.8 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 13:55 |
| **SAMPLE STOP TIME:** | 15:39 |
| **TOTAL SAMPLE TIME (MIN):** | 104 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 41884 |
| **REGULATOR SERIAL NUMBER:** | 19410 |
| **CAN START VACUUM PRESS. (" HG):** | -29 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241174_AA01_021024

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Camille Quick | **SAMPLE DATE STARTED:** 2/10/2024 | **DATE FINISHED:** 2/10/2024 |
| **INSPECTOR:** Camille Quick | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 41-58F<br>Wind: WSW<br>Precipitation: 0 in<br>Pressure: 29.8 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 14:08 |
| **SAMPLE STOP TIME:** | 15:50 |
| **TOTAL SAMPLE TIME (MIN):** | 102 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 28841 |
| **REGULATOR SERIAL NUMBER:** | 16424 |
| **CAN START VACUUM PRESS. (" HG):** | -29.50 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-IA01_MW30D

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 2/17/2024 | **DATE FINISHED:** 2/17/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** Tenant operations include manufacturing. | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 35-36 F<br>Wind: 14-17 mph WNW<br>Precipitation: None<br>Pressure: 29.72 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 14:24 |
| **SAMPLE STOP TIME:** | 16:24 |
| **TOTAL SAMPLE TIME (MIN):** | 120 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.4 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 16976 |
| **REGULATOR SERIAL NUMBER:** | 6877 |
| **CAN START VACUUM PRESS. (" HG):** | -31 |
| **CAN STOP VACUUM PRESS. (" HG):** | -9 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
360 West 31st Street, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-IA01_MW34D

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 2/17/2024 | **DATE FINISHED:** 2/17/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 35-36 F<br>Wind: 14-17 mph WNW<br>Precipitation: None<br>Pressure: 29.72 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

### SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 14:26 |
| **SAMPLE STOP TIME:** | 16:26 |
| **TOTAL SAMPLE TIME (MIN):** | 120 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.050 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 1.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 15522 |
| **REGULATOR SERIAL NUMBER:** | 17190 |
| **CAN START VACUUM PRESS. (" HG):** | -34 |
| **CAN STOP VACUUM PRESS. (" HG):** | -10 |

### SAMPLE LOCATION SKETCH

**See Sample Location Plan**

### NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241174_AA01_021724

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 2/17/2024 | **DATE FINISHED:** 2/17/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 35-36 F<br>Wind: 14-17 mph WNW<br>Precipitation: None<br>Pressure: 29.72 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 14:23 |
| **SAMPLE STOP TIME:** | 16:23 |
| **TOTAL SAMPLE TIME (MIN):** | 120 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.050 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 48294 |
| **REGULATOR SERIAL NUMBER:** | 7303 |
| **CAN START VACUUM PRESS. (" HG):** | -30.00 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# APPENDIX C

# LABORATORY ANALYTICAL DATA REPORTS

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Andrew Nesci**

Report Date: 04/11/2024
**Client Project ID: 170340203**
York Project (SDG) No.: 24B0706

**Revision No. 2.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/11/2024
Client Project ID: 170340203
York Project (SDG) No.: 24B0706

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Andrew Nesci

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 13, 2024 and listed below. The project was identified as your project: **170340203**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 24B0706-01 | CAN 15522 / FC 17190 | Air | 02/12/2024 | 02/13/2024 |
| 24B0706-02 | CAN 16976 / FC 6877 | Air | 02/12/2024 | 02/13/2024 |
| 24B0706-04 | CAN 48294 / FC 7363 | Air | 02/12/2024 | 02/13/2024 |
| 24B1051-01 | C241174_AA02_021724 | Outdoor Ambient Ai | 02/17/2024 | 02/20/2024 |
| 24B1051-02 | C241174_LR-IA01_MW30D_021724 | Indoor Ambient Air | 02/17/2024 | 02/20/2024 |
| 24B1051-03 | C241174_LR-IA02_MW34D_021724 | Indoor Ambient Air | 02/17/2024 | 02/20/2024 |

## General Notes for York Project (SDG) No.: 24B0706

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By** **Date:** 04/11/2024

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 15522 / FC 17190 **York Sample ID:** 24B0706-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15522 / FC 17190 **York Sample ID:** 24B0706-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 15522 / FC 17190 **York Sample ID:** 24B0706-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15522 / FC 17190 **York Sample ID:** 24B0706-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 08:52 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 16976 / FC 6877 **York Sample ID:** 24B0706-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00<br>NELAC-NY12058,NJDEP-NY037 | 02/16/2024 09:55 | VH |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15<br>Certifications: | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |

## Sample Information

**Client Sample ID:** CAN 16976 / FC 6877 **York Sample ID:** 24B0706-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16976 / FC 6877 **York Sample ID:** 24B0706-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16976 / FC 6877 **York Sample ID:** 24B0706-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 09:55 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 48294 / FC 7363 **York Sample ID:** 24B0706-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 48294 / FC 7363 **York Sample ID:** 24B0706-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48294 / FC 7363 **York Sample ID:** 24B0706-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48294 / FC 7363 **York Sample ID:** 24B0706-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0706 | 170340203 | Air | February 12, 2024 10:21 am | 02/13/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/16/2024 01:00 | 02/16/2024 11:51 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_AA02_021724 **York Sample ID:** 24B1051-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Outdoor Ambient Air | February 17, 2024 4:23 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.654 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.519 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.654 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.730 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.519 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.385 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.189 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.707 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.46** | | ug/m³ | 0.468 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.731 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.572 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.385 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.440 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.666 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.796** | | ug/m³ | 0.468 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.632 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.572 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.440 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.572 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.686 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **5.22** | | ug/m³ | 0.281 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.780 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_AA02_021724 **York Sample ID:** 24B1051-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Outdoor Ambient Air | February 17, 2024 4:23 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.49 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.429** | | ug/m³ | 0.390 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **17.2** | | ug/m³ | 0.452 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **2.36** | B | ug/m³ | 0.207 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.639** | | ug/m³ | 0.304 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.493 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.638 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.984 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.370 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **25.6** | | ug/m³ | 0.296 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.479** | | ug/m³ | 0.150 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.438 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.251 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.465 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **2.02** | | ug/m³ | 0.197 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.189 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.432 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.328 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.811 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.21** | | ug/m³ | 0.471 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.686 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.455** | | ug/m³ | 0.413 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_AA02_021724 **York Sample ID:** 24B1051-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Outdoor Ambient Air | February 17, 2024 4:23 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.02 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **3.09** | | ug/m³ | 0.468 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.390 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.343 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.69** | | ug/m³ | 0.661 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 0.998 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.390 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.403** | | ug/m³ | 0.336 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **1.36** | | ug/m³ | 0.413 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.98** | | ug/m³ | 0.827 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.936** | | ug/m³ | 0.468 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.164 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.406 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.646 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.562 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.72** | | ug/m³ | 0.359 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.377 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.432 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.128 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.28** | | ug/m³ | 0.535 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.335 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.416 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_AA02_021724 **York Sample ID:** 24B1051-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Outdoor Ambient Air | February 17, 2024 4:23 pm | 02/20/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.122 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **3.35** | | ug/m³ | 1.24 | 0.952 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 19:36 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA01_MW30D_021724 **York Sample ID:** 24B1051-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:24 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.665 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.528 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.665 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.742 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.528 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.392 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.192 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.718 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.24** | | ug/m³ | 0.476 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.744 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.582 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.392 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.447 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.677 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.476** | | ug/m³ | 0.476 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.642 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.582 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.447 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.582 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.698 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **10.8** | | ug/m³ | 0.285 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.793 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA01_MW30D_021724 **York Sample ID:** 24B1051-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:24 pm | 02/20/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.51 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.833** | | ug/m³ | 0.397 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **94.5** | | ug/m³ | 0.460 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **0.336** | B | ug/m³ | 0.210 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.711** | | ug/m³ | 0.309 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.501 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.649 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.00 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.376 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **3.38** | | ug/m³ | 0.301 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.426** | | ug/m³ | 0.152 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.446 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.255 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.473 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **0.999** | | ug/m³ | 0.200 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.192 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.439 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **0.833** | | ug/m³ | 0.333 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.825 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.01** | | ug/m³ | 0.479 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **5.37** | | ug/m³ | 0.698 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.841** | | ug/m³ | 0.420 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA01_MW30D_021724 **York Sample ID:** 24B1051-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:24 pm | 02/20/2024 |

**VOA, TO15 MASTER** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.03 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **13.6** | | ug/m³ | 0.476 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **60.0** | | ug/m³ | 0.396 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.349 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **159** | | ug/m³ | 0.672 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.01 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **4.72** | | ug/m³ | 0.397 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **4.23** | | ug/m³ | 0.341 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **1.01** | | ug/m³ | 0.420 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **3.53** | | ug/m³ | 0.841 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.714** | | ug/m³ | 0.476 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.167 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | **Styrene** | **0.660** | | ug/m³ | 0.412 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.657 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | *** Tetrahydrofuran** | **10.1** | | ug/m³ | 0.571 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **16.8** | | ug/m³ | 0.365 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.384 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.439 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.624** | | ug/m³ | 0.130 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.20** | | ug/m³ | 0.544 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.341 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.423 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA01_MW30D_021724 **York Sample ID:** 24B1051-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:24 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.124 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **4.54** | | ug/m³ | 1.26 | 0.968 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 20:21 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA02_MW34D_021724 **York Sample ID:** 24B1051-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:26 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.695 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.553 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.695 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.776 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.553 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.410 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.201 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.752 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **8.12** | | ug/m³ | 0.498 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.778 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.609 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.410 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.468 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.708 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **2.04** | | ug/m³ | 0.498 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.672 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.609 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.468 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.609 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.730 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **3.47** | | ug/m³ | 0.299 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.830 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA02_MW34D_021724 **York Sample ID:** 24B1051-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:26 pm | 02/20/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.59 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.415 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **94.9** | | ug/m³ | 0.963 | 2.026 | EPA TO-15 | 02/22/2024 09:00 | 02/27/2024 17:49 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **0.462** | B | ug/m³ | 0.220 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.324 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.524 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.679 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.05 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.393 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **12.8** | | ug/m³ | 0.315 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.446** | | ug/m³ | 0.159 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.466 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.267 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.495 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.07** | | ug/m³ | 0.209 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.201 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.460 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **34.2** | | ug/m³ | 0.349 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.863 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.25** | | ug/m³ | 0.501 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.730 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **4.97** | | ug/m³ | 0.440 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA02_MW34D_021724 **York Sample ID:** 24B1051-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:26 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.08 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **18.5** | | ug/m³ | 0.498 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.415 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.365 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **11.5** | | ug/m³ | 0.704 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.06 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **89.9** | | ug/m³ | 0.415 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **51.5** | | ug/m³ | 0.357 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **5.85** | | ug/m³ | 0.440 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **16.5** | | ug/m³ | 0.880 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **3.74** | | ug/m³ | 0.498 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.174 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | **Styrene** | **0.432** | | ug/m³ | 0.432 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.687 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.598 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **14.7** | | ug/m³ | 0.382 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.402 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.460 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.136 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.20** | | ug/m³ | 0.569 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.357 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.443 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_LR-IA02_MW34D_021724 **York Sample ID:** 24B1051-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B1051 | 170340203 | Indoor Ambient Air | February 17, 2024 4:26 pm | 02/20/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.129 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **22.3** | | ug/m³ | 1.32 | 1.013 | EPA TO-15 | 02/22/2024 09:00 | 02/23/2024 21:07 | VH |
| | | | | | | | Certifications: | | | |

# Analytical Batch Summary

**Batch ID:** BB41057 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B0706-01 | CAN 15522 / FC 17190 | 02/16/24 |
| 24B0706-02 | CAN 16976 / FC 6877 | 02/16/24 |
| 24B0706-04 | CAN 48294 / FC 7363 | 02/16/24 |
| BB41057-BLK1 | Blank | 02/16/24 |
| BB41057-BS1 | LCS | 02/16/24 |
| BB41057-DUP1 | Duplicate | 02/16/24 |

**Batch ID:** BB41687 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B1051-03RE1 | C241174_LR-IA02_MW34D_( | 02/22/24 |
| BB41687-BLK1 | Blank | 02/23/24 |
| BB41687-BS1 | LCS | 02/23/24 |
| BB41687-DUP1 | Duplicate | 02/23/24 |

**Batch ID:** BB41689 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B1051-01 | C241174_AA02_021724 | 02/22/24 |
| 24B1051-02 | C241174_LR-IA01_MW30D_( | 02/22/24 |
| 24B1051-03 | C241174_LR-IA02_MW34D_( | 02/22/24 |
| BB41689-BLK1 | Blank | 02/22/24 |
| BB41689-BS1 | LCS | 02/22/24 |
| BB41689-DUP1 | Duplicate | 02/22/24 |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41057 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41057-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/16/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1.19 | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | ND | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | 0.239 | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |
| Bromomethane | ND | 0.388 | " | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | 0.615 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | 1.31 | 1.05 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41057 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41057-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 02/16/2024 | | | |
| n-Heptane | ND | 0.410 | ug/m³ | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |
| **LCS (BB41057-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/16/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 12.1 | | ppbv | 10.0 | | 121 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1-Dichloroethane | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| 1,1-Dichloroethylene | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 8.47 | | " | 10.0 | | 84.7 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dichloroethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dichloropropane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 15.0 | | " | 10.0 | | 150 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 1,3-Butadiene | 16.4 | | " | 10.0 | | 164 | 70-130 | High Bias | | | |
| 1,3-Dichlorobenzene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3-Dichloropropane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,4-Dioxane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 2-Butanone | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 2-Hexanone | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 3-Chloropropene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Acetone | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Acrylonitrile | 9.38 | | " | 10.0 | | 93.8 | 70-130 | | | | |
| Benzene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Benzyl chloride | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Bromodichloromethane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Bromoform | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Bromomethane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41057 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41057-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/16/2024 | | | |
| Carbon disulfide | 10.4 | | ppbv | 10.0 | | 104 | 70-130 | | | | |
| Carbon tetrachloride | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| Chlorobenzene | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Chloroethane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Chloroform | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Chloromethane | 16.1 | | " | 10.0 | | 161 | 70-130 | High Bias | | | |
| cis-1,2-Dichloroethylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Dibromochloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Dichlorodifluoromethane | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| Ethyl acetate | 9.88 | | " | 10.0 | | 98.8 | 70-130 | | | | |
| Ethyl Benzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Hexachlorobutadiene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Isopropanol | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Methyl Methacrylate | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Methylene chloride | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Naphthalene | 6.58 | | " | 10.0 | | 65.8 | 70-130 | Low Bias | | | |
| n-Heptane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| n-Hexane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| o-Xylene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| p- & m- Xylenes | 24.9 | | " | 20.0 | | 124 | 70-130 | | | | |
| p-Ethyltoluene | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| Propylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Styrene | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Tetrachloroethylene | 9.77 | | " | 10.0 | | 97.7 | 70-130 | | | | |
| Tetrahydrofuran | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Toluene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Trichloroethylene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Vinyl acetate | 8.39 | | " | 10.0 | | 83.9 | 70-130 | | | | |
| Vinyl bromide | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Vinyl Chloride | 16.2 | | " | 10.0 | | 162 | 70-130 | High Bias | | | |
| Xylenes, Total | 161 | 1.30 | ug/m³ | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41057 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41057-DUP1)** Duplicate | *Source sample: 24B0529-07 (Duplicate) | | | | | | | | Prepared & Analyzed: 02/16/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.590 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.469 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.590 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.658 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.469 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.348 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.170 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 0.637 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 2.96 | 0.422 | " | | 2.91 | | | | 1.44 | 25 | |
| 1,2-Dibromoethane | ND | 0.660 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.516 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.348 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.397 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.600 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 0.718 | 0.422 | " | | 0.802 | | | | 11.1 | 25 | |
| 1,3-Butadiene | ND | 0.570 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.516 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.397 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.516 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 0.619 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.861 | 0.253 | " | | 0.861 | | | | 0.00 | 25 | |
| 2-Hexanone | ND | 0.704 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 1.34 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.352 | " | | ND | | | | | 25 | |
| Acetone | 13.0 | 0.408 | " | | 13.1 | | | | 0.781 | 25 | |
| Acrylonitrile | ND | 0.186 | " | | ND | | | | | 25 | |
| Benzene | 1.59 | 0.274 | " | | 1.59 | | | | 0.00 | 25 | |
| Benzyl chloride | ND | 0.445 | " | | ND | | | | | 25 | |
| Bromodichloromethane | 0.288 | 0.575 | " | | 0.288 | | | | 0.00 | 25 | |
| Bromoform | ND | 0.888 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.334 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.268 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.540 | 0.135 | " | | 0.540 | | | | 0.00 | 25 | |
| Chlorobenzene | ND | 0.395 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.227 | " | | ND | | | | | 25 | |
| Chloroform | 3.31 | 0.419 | " | | 3.31 | | | | 0.00 | 25 | |
| Chloromethane | 2.34 | 0.177 | " | | 2.20 | | | | 6.25 | 25 | |
| cis-1,2-Dichloroethylene | 1.33 | 0.170 | " | | 1.50 | | | | 12.0 | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.390 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.444 | 0.296 | " | | 0.414 | | | | 6.90 | 25 | |
| Dibromochloromethane | ND | 0.732 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 3.14 | 0.425 | " | | 3.14 | | | | 0.00 | 25 | |
| Ethyl acetate | 0.743 | 0.619 | " | | 0.774 | | | | 4.08 | 25 | |
| Ethyl Benzene | 0.522 | 0.373 | " | | 0.522 | | | | 0.00 | 25 | |
| Hexachlorobutadiene | ND | 0.916 | " | | ND | | | | | 25 | |
| Isopropanol | 6.82 | 0.422 | " | | 6.86 | | | | 0.617 | 25 | |
| Methyl Methacrylate | ND | 0.352 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.310 | " | | ND | | | | | 25 | |
| Methylene chloride | 0.865 | 0.597 | " | | 0.806 | | | | 7.14 | 25 | |
| Naphthalene | 2.75 | 0.901 | " | | 2.66 | | | | 3.33 | 25 | |
| n-Heptane | 0.739 | 0.352 | " | | 0.739 | | | | 0.00 | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41057 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41057-DUP1)** Duplicate | *Source sample: 24B0529-07 (Duplicate) | | | | | | | | Prepared & Analyzed: 02/16/2024 | | |
| n-Hexane | 1.03 | 0.303 | ug/m³ | | 0.999 | | | | 2.99 | 25 | |
| o-Xylene | 0.709 | 0.373 | " | | 0.783 | | | | 10.0 | 25 | |
| p- & m- Xylenes | 1.86 | 0.746 | " | | 1.90 | | | | 1.98 | 25 | |
| p-Ethyltoluene | 1.22 | 0.422 | " | | 1.22 | | | | 0.00 | 25 | |
| Propylene | ND | 0.148 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.366 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 21.8 | 0.583 | " | | 21.8 | | | | 0.267 | 25 | |
| Tetrahydrofuran | ND | 0.507 | " | | ND | | | | | 25 | |
| Toluene | 3.46 | 0.324 | " | | 3.37 | | | | 2.84 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.341 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.390 | " | | ND | | | | | 25 | |
| Trichloroethylene | 0.508 | 0.115 | " | | 0.508 | | | | 0.00 | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.50 | 0.483 | " | | 1.45 | | | | 3.28 | 25 | |
| Vinyl acetate | ND | 0.302 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.376 | " | | ND | | | | | 25 | |
| Vinyl Chloride | 0.483 | 0.110 | " | | 0.461 | | | | 4.65 | 25 | |
| Xylenes, Total | 2.57 | 1.12 | " | | 2.69 | | | | 4.26 | 200 | |
| **Batch BB41687 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41687-BLK1)** Blank | | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | 0.826 | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | ND | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41687 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41687-BLK1)** Blank | | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | |
| Bromomethane | ND | 0.388 | ug/m³ | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | 0.811 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| n-Heptane | ND | 0.410 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41687 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41687-BS1)** LCS | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 8.38 | | ppbv | 10.0 | | 83.8 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.24 | | " | 10.0 | | 82.4 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 8.41 | | " | 10.0 | | 84.1 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.01 | | " | 10.0 | | 90.1 | 70-130 | | | | |
| 1,1-Dichloroethylene | 8.89 | | " | 10.0 | | 88.9 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 9.48 | | " | 10.0 | | 94.8 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 8.56 | | " | 10.0 | | 85.6 | 70-130 | | | | |
| 1,2-Dibromoethane | 8.52 | | " | 10.0 | | 85.2 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 8.83 | | " | 10.0 | | 88.3 | 70-130 | | | | |
| 1,2-Dichloroethane | 8.63 | | " | 10.0 | | 86.3 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.39 | | " | 10.0 | | 83.9 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 8.67 | | " | 10.0 | | 86.7 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 8.41 | | " | 10.0 | | 84.1 | 70-130 | | | | |
| 1,3-Butadiene | 8.28 | | " | 10.0 | | 82.8 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 8.73 | | " | 10.0 | | 87.3 | 70-130 | | | | |
| 1,3-Dichloropropane | 8.56 | | " | 10.0 | | 85.6 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 8.85 | | " | 10.0 | | 88.5 | 70-130 | | | | |
| 1,4-Dioxane | 9.07 | | " | 10.0 | | 90.7 | 70-130 | | | | |
| 2-Butanone | 7.89 | | " | 10.0 | | 78.9 | 70-130 | | | | |
| 2-Hexanone | 8.64 | | " | 10.0 | | 86.4 | 70-130 | | | | |
| 3-Chloropropene | 8.10 | | " | 10.0 | | 81.0 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.45 | | " | 10.0 | | 84.5 | 70-130 | | | | |
| Acetone | 8.09 | | " | 10.0 | | 80.9 | 70-130 | | | | |
| Acrylonitrile | 6.91 | | " | 10.0 | | 69.1 | 70-130 | Low Bias | | | |
| Benzene | 8.71 | | " | 10.0 | | 87.1 | 70-130 | | | | |
| Benzyl chloride | 9.45 | | " | 10.0 | | 94.5 | 70-130 | | | | |
| Bromodichloromethane | 8.44 | | " | 10.0 | | 84.4 | 70-130 | | | | |
| Bromoform | 9.33 | | " | 10.0 | | 93.3 | 70-130 | | | | |
| Bromomethane | 8.70 | | " | 10.0 | | 87.0 | 70-130 | | | | |
| Carbon disulfide | 9.28 | | " | 10.0 | | 92.8 | 70-130 | | | | |
| Carbon tetrachloride | 9.10 | | " | 10.0 | | 91.0 | 70-130 | | | | |
| Chlorobenzene | 8.31 | | " | 10.0 | | 83.1 | 70-130 | | | | |
| Chloroethane | 8.76 | | " | 10.0 | | 87.6 | 70-130 | | | | |
| Chloroform | 8.74 | | " | 10.0 | | 87.4 | 70-130 | | | | |
| Chloromethane | 6.34 | | " | 10.0 | | 63.4 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 8.57 | | " | 10.0 | | 85.7 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 8.39 | | " | 10.0 | | 83.9 | 70-130 | | | | |
| Cyclohexane | 8.65 | | " | 10.0 | | 86.5 | 70-130 | | | | |
| Dibromochloromethane | 9.05 | | " | 10.0 | | 90.5 | 70-130 | | | | |
| Dichlorodifluoromethane | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| Ethyl acetate | 8.40 | | " | 10.0 | | 84.0 | 70-130 | | | | |
| Ethyl Benzene | 8.17 | | " | 10.0 | | 81.7 | 70-130 | | | | |
| Hexachlorobutadiene | 9.01 | | " | 10.0 | | 90.1 | 70-130 | | | | |
| Isopropanol | 9.01 | | " | 10.0 | | 90.1 | 70-130 | | | | |
| Methyl Methacrylate | 8.86 | | " | 10.0 | | 88.6 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 8.76 | | " | 10.0 | | 87.6 | 70-130 | | | | |
| Methylene chloride | 8.30 | | " | 10.0 | | 83.0 | 70-130 | | | | |
| Naphthalene | 8.63 | | " | 10.0 | | 86.3 | 70-130 | | | | |
| n-Heptane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41687 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41687-BS1)** LCS | | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | |
| n-Hexane | 8.65 | | ppbv | 10.0 | | 86.5 | 70-130 | | | | |
| o-Xylene | 8.19 | | " | 10.0 | | 81.9 | 70-130 | | | | |
| p- & m- Xylenes | 16.8 | | " | 20.0 | | 83.8 | 70-130 | | | | |
| p-Ethyltoluene | 8.45 | | " | 10.0 | | 84.5 | 70-130 | | | | |
| Propylene | 8.01 | | " | 10.0 | | 80.1 | 70-130 | | | | |
| Styrene | 8.58 | | " | 10.0 | | 85.8 | 70-130 | | | | |
| Tetrachloroethylene | 8.55 | | " | 10.0 | | 85.5 | 70-130 | | | | |
| Tetrahydrofuran | 8.44 | | " | 10.0 | | 84.4 | 70-130 | | | | |
| Toluene | 8.13 | | " | 10.0 | | 81.3 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 8.85 | | " | 10.0 | | 88.5 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 8.42 | | " | 10.0 | | 84.2 | 70-130 | | | | |
| Trichloroethylene | 8.19 | | " | 10.0 | | 81.9 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 8.81 | | " | 10.0 | | 88.1 | 70-130 | | | | |
| Vinyl acetate | 8.89 | | " | 10.0 | | 88.9 | 70-130 | | | | |
| Vinyl bromide | 8.57 | | " | 10.0 | | 85.7 | 70-130 | | | | |
| Vinyl Chloride | 7.24 | | " | 10.0 | | 72.4 | 70-130 | | | | |
| Xylenes, Total | 108 | 1.30 | ug/m³ | | | | | | | | |
| **Duplicate (BB41687-DUP1)** Duplicate | *Source sample: 24B1173-05 (Duplicate) | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.06 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.844 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.06 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.18 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | 1.18 | 0.844 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.626 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.306 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.15 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 5.85 | 0.760 | " | | 5.70 | | | | 2.63 | 25 | |
| 1,2-Dibromoethane | ND | 1.19 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.929 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.626 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.714 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.08 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 1.67 | 0.760 | " | | 1.67 | | | | 0.00 | 25 | |
| 1,3-Butadiene | ND | 1.03 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.929 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.714 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.929 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.11 | " | | ND | | | | | 25 | |
| 2-Butanone | 37.2 | 0.456 | " | | 36.7 | | | | 1.23 | 25 | |
| 2-Hexanone | 6.14 | 1.27 | " | | 6.14 | | | | 0.00 | 25 | |
| 3-Chloropropene | ND | 2.42 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.633 | " | | ND | | | | | 25 | |
| Acetone | 18.3 | 0.734 | " | | 18.3 | | | | 0.201 | 25 | |
| Acrylonitrile | ND | 0.336 | " | | ND | | | | | 25 | |
| Benzene | 0.543 | 0.494 | " | | 0.543 | | | | 0.00 | 25 | |
| Benzyl chloride | 0.480 | 0.800 | " | | ND | | | | | 25 | |
| Bromodichloromethane | 2.07 | 1.04 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.60 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.600 | " | | ND | | | | | 25 | |
| Carbon disulfide | 2.84 | 0.481 | " | | 2.84 | | | | 0.00 | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41687 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41687-DUP1)** Duplicate | *Source sample: 24B1173-05 (Duplicate) | | | | | | | | Prepared: 02/23/2024 Analyzed: 02/27/2024 | | |
| Carbon tetrachloride | ND | 0.243 | ug/m³ | | ND | | | | | 25 | |
| Chlorobenzene | ND | 0.712 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.408 | " | | ND | | | | | 25 | |
| Chloroform | ND | 0.755 | " | | ND | | | | | 25 | |
| Chloromethane | ND | 0.319 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.306 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.702 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.745 | 0.532 | " | | 0.692 | | | | 7.41 | 25 | |
| Dibromochloromethane | 15.4 | 1.32 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.14 | 0.765 | " | | 2.14 | | | | 0.00 | 25 | |
| Ethyl acetate | ND | 1.11 | " | | ND | | | | | 25 | |
| Ethyl Benzene | 4.10 | 0.671 | " | | 4.10 | | | | 0.00 | 25 | |
| Hexachlorobutadiene | ND | 1.65 | " | | ND | | | | | 25 | |
| Isopropanol | ND | 0.760 | " | | ND | | | | | 25 | |
| Methyl Methacrylate | 0.443 | 0.633 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.557 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 1.07 | " | | ND | | | | | 25 | |
| Naphthalene | ND | 1.62 | " | | ND | | | | | 25 | |
| n-Heptane | 0.824 | 0.634 | " | | 0.760 | | | | 8.00 | 25 | |
| n-Hexane | 0.490 | 0.545 | " | | 0.545 | | | | 10.5 | 25 | |
| o-Xylene | 5.10 | 0.671 | " | | 5.03 | | | | 1.32 | 25 | |
| p- & m- Xylenes | 14.2 | 1.34 | " | | 14.0 | | | | 1.90 | 25 | |
| p-Ethyltoluene | 6.23 | 0.760 | " | | 6.08 | | | | 2.47 | 25 | |
| Propylene | 3.27 | 0.266 | " | | 3.14 | | | | 4.15 | 25 | |
| Styrene | 0.659 | 0.659 | " | | 0.659 | | | | 0.00 | 25 | |
| Tetrachloroethylene | 21.2 | 1.05 | " | | 20.9 | | | | 1.50 | 25 | |
| Tetrahydrofuran | ND | 0.912 | " | | ND | | | | | 25 | |
| Toluene | 3.96 | 0.583 | " | | 3.90 | | | | 1.48 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.613 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.702 | " | | ND | | | | | 25 | |
| Trichloroethylene | 1.58 | 0.208 | " | | 1.50 | | | | 5.41 | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.04 | 0.869 | " | | 1.04 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 0.544 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.676 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.198 | " | | ND | | | | | 25 | |
| Xylenes, Total | 19.3 | 2.01 | " | | 19.0 | | | | 1.75 | 200 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41689 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41689-BLK1)** Blank | | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | ND | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | 0.217 | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |
| Bromomethane | ND | 0.388 | " | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| n-Heptane | ND | 0.410 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41689 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41689-BLK1)** Blank | | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| n-Hexane | ND | 0.352 | ug/m³ | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | 0.678 | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |
| **LCS (BB41689-BS1)** LCS | | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| 1,1,1,2-Tetrachloroethane | 9.04 | | ppbv | 10.0 | | 90.4 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 8.98 | | " | 10.0 | | 89.8 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.90 | | " | 10.0 | | 89.0 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.40 | | " | 10.0 | | 94.0 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 9.03 | | " | 10.0 | | 90.3 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.59 | | " | 10.0 | | 95.9 | 70-130 | | | | |
| 1,1-Dichloroethylene | 9.47 | | " | 10.0 | | 94.7 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 9.17 | | " | 10.0 | | 91.7 | 70-130 | | | | |
| 1,2-Dibromoethane | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 9.30 | | " | 10.0 | | 93.0 | 70-130 | | | | |
| 1,2-Dichloroethane | 9.06 | | " | 10.0 | | 90.6 | 70-130 | | | | |
| 1,2-Dichloropropane | 9.09 | | " | 10.0 | | 90.9 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 9.84 | | " | 10.0 | | 98.4 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 9.27 | | " | 10.0 | | 92.7 | 70-130 | | | | |
| 1,3-Butadiene | 9.02 | | " | 10.0 | | 90.2 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 9.21 | | " | 10.0 | | 92.1 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 9.36 | | " | 10.0 | | 93.6 | 70-130 | | | | |
| 1,4-Dioxane | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| 2-Butanone | 8.54 | | " | 10.0 | | 85.4 | 70-130 | | | | |
| 2-Hexanone | 9.56 | | " | 10.0 | | 95.6 | 70-130 | | | | |
| 3-Chloropropene | 8.95 | | " | 10.0 | | 89.5 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.29 | | " | 10.0 | | 92.9 | 70-130 | | | | |
| Acetone | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| Acrylonitrile | 8.72 | | " | 10.0 | | 87.2 | 70-130 | | | | |
| Benzene | 9.24 | | " | 10.0 | | 92.4 | 70-130 | | | | |
| Benzyl chloride | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Bromodichloromethane | 9.07 | | " | 10.0 | | 90.7 | 70-130 | | | | |
| Bromoform | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Bromomethane | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| Carbon disulfide | 9.80 | | " | 10.0 | | 98.0 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41689 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41689-BS1)** LCS | | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| Carbon tetrachloride | 9.43 | | ppbv | 10.0 | | 94.3 | 70-130 | | | | |
| Chlorobenzene | 9.09 | | " | 10.0 | | 90.9 | 70-130 | | | | |
| Chloroethane | 9.33 | | " | 10.0 | | 93.3 | 70-130 | | | | |
| Chloroform | 9.19 | | " | 10.0 | | 91.9 | 70-130 | | | | |
| Chloromethane | 8.45 | | " | 10.0 | | 84.5 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.19 | | " | 10.0 | | 91.9 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.05 | | " | 10.0 | | 90.5 | 70-130 | | | | |
| Cyclohexane | 9.29 | | " | 10.0 | | 92.9 | 70-130 | | | | |
| Dibromochloromethane | 9.79 | | " | 10.0 | | 97.9 | 70-130 | | | | |
| Dichlorodifluoromethane | 9.21 | | " | 10.0 | | 92.1 | 70-130 | | | | |
| Ethyl acetate | 9.10 | | " | 10.0 | | 91.0 | 70-130 | | | | |
| Ethyl Benzene | 8.92 | | " | 10.0 | | 89.2 | 70-130 | | | | |
| Hexachlorobutadiene | 9.36 | | " | 10.0 | | 93.6 | 70-130 | | | | |
| Isopropanol | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Methyl Methacrylate | 9.64 | | " | 10.0 | | 96.4 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 9.24 | | " | 10.0 | | 92.4 | 70-130 | | | | |
| Methylene chloride | 8.88 | | " | 10.0 | | 88.8 | 70-130 | | | | |
| Naphthalene | 9.20 | | " | 10.0 | | 92.0 | 70-130 | | | | |
| n-Heptane | 9.36 | | " | 10.0 | | 93.6 | 70-130 | | | | |
| n-Hexane | 9.32 | | " | 10.0 | | 93.2 | 70-130 | | | | |
| o-Xylene | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |
| p- & m- Xylenes | 18.4 | | " | 20.0 | | 91.8 | 70-130 | | | | |
| p-Ethyltoluene | 8.97 | | " | 10.0 | | 89.7 | 70-130 | | | | |
| Propylene | 8.58 | | " | 10.0 | | 85.8 | 70-130 | | | | |
| Styrene | 9.39 | | " | 10.0 | | 93.9 | 70-130 | | | | |
| Tetrachloroethylene | 9.12 | | " | 10.0 | | 91.2 | 70-130 | | | | |
| Tetrahydrofuran | 9.09 | | " | 10.0 | | 90.9 | 70-130 | | | | |
| Toluene | 8.74 | | " | 10.0 | | 87.4 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 9.42 | | " | 10.0 | | 94.2 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.08 | | " | 10.0 | | 90.8 | 70-130 | | | | |
| Trichloroethylene | 8.75 | | " | 10.0 | | 87.5 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 9.16 | | " | 10.0 | | 91.6 | 70-130 | | | | |
| Vinyl acetate | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Vinyl bromide | 9.09 | | " | 10.0 | | 90.9 | 70-130 | | | | |
| Vinyl Chloride | 9.06 | | " | 10.0 | | 90.6 | 70-130 | | | | |
| Xylenes, Total | 119 | 1.30 | ug/m³ | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41689 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41689-DUP1)** Duplicate | *Source sample: 24B0852-05 (Duplicate) | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.27 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 1.01 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.27 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.42 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 1.01 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.748 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.366 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.37 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 0.908 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 1.42 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.11 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.748 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.854 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.29 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.909 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 1.23 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.11 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.854 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.11 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.33 | " | | ND | | | | | 25 | |
| 2-Butanone | 4.09 | 0.545 | " | | 8.94 | | | | 74.5 | 25 | Non-dir. |
| 2-Hexanone | ND | 1.51 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 2.89 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.757 | " | | ND | | | | | 25 | |
| Acetone | 10.5 | 0.878 | " | | 11.9 | | | | 12.5 | 25 | |
| Acrylonitrile | 0.642 | 0.401 | " | | 0.521 | | | | 20.7 | 25 | |
| Benzene | 0.767 | 0.590 | " | | 0.767 | | | | 0.00 | 25 | |
| Benzyl chloride | ND | 0.957 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 1.24 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.91 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.718 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.575 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 0.291 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 0.851 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.488 | " | | ND | | | | | 25 | |
| Chloroform | ND | 0.902 | " | | ND | | | | | 25 | |
| Chloromethane | 1.07 | 0.382 | " | | 1.11 | | | | 3.51 | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.366 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.839 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.636 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 1.57 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.28 | 0.914 | " | | 2.38 | | | | 3.92 | 25 | |
| Ethyl acetate | ND | 1.33 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 0.802 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 1.97 | " | | ND | | | | | 25 | |
| Isopropanol | 3.54 | 0.909 | " | | 3.59 | | | | 1.27 | 25 | |
| Methyl Methacrylate | ND | 0.757 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.666 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 1.28 | " | | 0.514 | | | | | 25 | |
| Naphthalene | ND | 1.94 | " | | ND | | | | | 25 | |
| n-Heptane | ND | 0.757 | " | | ND | | | | | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41689 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41689-DUP1)** Duplicate | *Source sample: 24B0852-05 (Duplicate) | | | | | | | | Prepared: 02/22/2024 Analyzed: 02/23/2024 | | |
| n-Hexane | ND | 0.651 | ug/m³ | | ND | | | | | 25 | |
| o-Xylene | 0.401 | 0.802 | " | | 0.481 | | | | 18.2 | 25 | |
| p- & m- Xylenes | ND | 1.60 | " | | 1.20 | | | | | 25 | |
| p-Ethyltoluene | ND | 0.909 | " | | ND | | | | | 25 | |
| Propylene | ND | 0.318 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.787 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | ND | 1.25 | " | | ND | | | | | 25 | |
| Tetrahydrofuran | 4.58 | 1.09 | " | | 10.1 | | | | 75.1 | 25 | Non-dir. |
| Toluene | 1.46 | 0.696 | " | | 1.53 | | | | 4.65 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.733 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.839 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.248 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.25 | 1.04 | " | | 1.45 | | | | 15.4 | 25 | |
| Vinyl acetate | ND | 0.651 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.808 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.236 | " | | ND | | | | | 25 | |
| Xylenes, Total | 1.52 | 2.41 | " | | 1.69 | | | | 10.0 | 200 | |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| TO-LCS-L | The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value. |
| TO-CCV | The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration). |
| B | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. |

## Definitions and Other Explanations

| | |
|---|---|
| * | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte. |
| ND | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL) |
| RL | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve. |
| LOQ | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses. |
| LOD | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846. |
| MDL | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods. |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only. |
| NR | Not reported |
| RPD | Relative Percent Difference |
| Wet | The data has been reported on an as-received (wet weight) basis |
| Low Bias | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |
| High Bias | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |
| Non-Dir. | Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Revision Description: This report has been revised to include Total Xylenes and Naphthalene in Samples and QC.

York Analytical Laboratories, Inc.
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clientservices@yorklab.com
www.yorklab.com

# Field Chain-of-Custody Record - AIR

**NOTE:** YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24B1051



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: 360 W. 31st St. | LANGAN Company: | Company: |
| Address: 8th fl New York, NY 10001 | Address: | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Andrew Nesci | Contact: | Contact: |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340203

**YOUR Project Name:** ABC Block 26

**YOUR PO#:**

**Turn-Around Time**

| | |
|---|---|
| RUSH - Next Day | |
| RUSH - Two Day | |
| RUSH - Three Day | |
| RUSH - Four Day | |
| Standard (5-7 Day) | X |

*Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

**Samples From**

New York X
New Jersey
Connecticut
Pennsylvania
Other

**Report / EDD Type** (circle selections)

| | | |
|---|---|---|
| Summary Report | CT RCP | Standard Excel EDD |
| QA Report | CT RCP DQA/DUE | EQuIS (Standard) |
| NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS |
| NY ASP B Package | NJDKQP | NJDEP SRP HazSite |
| Other: | | |

**YORK Reg. Comp.**

Compared to the following Regulation(s): (please fill in)

**Certified Canisters:** Batch ___ Individual V

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| ~~C241174-[illegible]~~ | | | | | | | |
| C241174_AA02_021724 | 2/17/24 16:23 | AO | -30.0 | -8.0 | 48294 | 7305 | TO-15 VOCs |
| C241174-LR-W01_MW30D_02 | 17/24 2/17/24 16:24 | AI | -34.0 | -9.0 | ~~16976~~ R1 | ~~6877~~ R1 | ↓ |
| C241174-LR-IA02-MW34D-021724 | 2/17/24 16:26 | AI | -34.0 | -10.0 | 15522 | 17190 | |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM GWYKA@LANGAN.COM

**Detection Limits Required**

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

**Sampling Media**

6 Liter Canister V
Tedlar Bag

| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 2/17/24 17:30 | Marcel York | 2.20.24 8:31 | Marcel York | 2.20.24 |
| Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time |
| | | | | | |
| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Received in LAB by | Date/Time |
| | | | | [illegible] | 02/21/24 1204 |

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Greg Wyka**

Report Date: 04/11/2024
**Client Project ID: 170340203**
York Project (SDG) No.: 24B0261

**Revision No. 2.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/11/2024
Client Project ID: 170340203
York Project (SDG) No.: 24B0261

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Greg Wyka

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 06, 2024 and listed below. The project was identified as your project: **170340203**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 24B0261-01 | CAN 20665 / FC 13559 | Air | 02/06/2024 | 02/06/2024 |
| 24B0261-02 | CAN 28841 / FC 16424 | Air | 02/06/2024 | 02/06/2024 |
| 24B0261-04 | CAN 41844 / FC 19410 | Air | 02/06/2024 | 02/06/2024 |
| 24B0667-01 | C241174_BL-IA01_MW30D_021024 | Indoor Ambient Air | 02/10/2024 | 02/12/2024 |
| 24B0667-02 | C241174_BL-IA02_MW34D_021024 | Indoor Ambient Air | 02/10/2024 | 02/12/2024 |
| 24B0667-03 | C241174_AA01_021024 | Outdoor Ambient Ai | 02/10/2024 | 02/12/2024 |

## General Notes for York Project (SDG) No.: 24B0261

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By** **Date:** 04/11/2024

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 20665 / FC 13559 **York Sample ID:** 24B0261-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 20665 / FC 13559 **York Sample ID:** 24B0261-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 20665 / FC 13559 **York Sample ID:** 24B0261-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 20665 / FC 13559 **York Sample ID:** 24B0261-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 04:52 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 28841 / FC 16424 **York Sample ID:** 24B0261-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |

## Sample Information

**Client Sample ID:** CAN 28841 / FC 16424 **York Sample ID:** 24B0261-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28841 / FC 16424 **York Sample ID:** 24B0261-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28841 / FC 16424 **York Sample ID:** 24B0261-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 05:55 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 41844 / FC 19410 **York Sample ID:** 24B0261-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15<br>Certifications: | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |

## Sample Information

**Client Sample ID:** CAN 41844 / FC 19410 **York Sample ID:** 24B0261-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 41844 / FC 19410 **York Sample ID:** 24B0261-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 41844 / FC 19410 **York Sample ID:** 24B0261-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0261 | 170340203 | Air | February 6, 2024 11:04 am | 02/06/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | * Xylenes, Total | ND | | ug/m³ | 1.30 | 1 | EPA TO-15 | 02/08/2024 09:00 | 02/09/2024 09:27 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA01_MW30D_021024 **York Sample ID:** 24B0667-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:47 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.597 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.474 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.597 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.666 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.474 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.352 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.172 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.29 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.92** | | ug/m³ | 0.427 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.668 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.522 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.352 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.402 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.607 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.427** | | ug/m³ | 0.427 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.577 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.522 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.402 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.522 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.626 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **16.5** | | ug/m³ | 0.256 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.712 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA01_MW30D_021024 **York Sample ID:** 24B0667-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:47 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.36 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **6.02** | | ug/m³ | 0.356 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **402** | | ug/m³ | 3.87 | 8.155 | EPA TO-15 | 02/19/2024 12:00 | 02/21/2024 00:35 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.189 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.53** | | ug/m³ | 0.278 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.450 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.582 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.898 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.337 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.271 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.137 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.400 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.229 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.424 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.53** | | ug/m³ | 0.179 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.172 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.394 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **1.88** | | ug/m³ | 0.299 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.740 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.58** | | ug/m³ | 0.430 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **141** | | ug/m³ | 0.626 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **4.68** | | ug/m³ | 0.377 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA01_MW30D_021024 **York Sample ID:** 24B0667-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:47 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.927 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **73.4** | B | ug/m³ | 1.07 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **291** | | ug/m³ | 3.34 | 8.155 | EPA TO-15 | 02/19/2024 12:00 | 02/21/2024 00:35 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.313 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **351** | | ug/m³ | 5.67 | 8.155 | EPA TO-15 | 02/19/2024 12:00 | 02/21/2024 00:35 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-LCS -L | ug/m³ | 1.37 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **2.96** | | ug/m³ | 0.356 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **8.06** | | ug/m³ | 0.306 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **4.00** | | ug/m³ | 0.377 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **16.3** | | ug/m³ | 0.755 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **1.41** | | ug/m³ | 0.427 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **7.22** | | ug/m³ | 0.150 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | **Styrene** | **1.33** | | ug/m³ | 0.370 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **1.41** | | ug/m³ | 0.589 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | *** Tetrahydrofuran** | **18.2** | | ug/m³ | 0.513 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **46.2** | | ug/m³ | 0.327 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.345 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.394 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **1.63** | | ug/m³ | 0.117 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.46** | | ug/m³ | 0.488 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.306 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.380 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA01_MW30D_021024 **York Sample ID:** 24B0667-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:47 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.111 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **20.3** | | ug/m³ | 1.13 | 0.869 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 15:18 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA02_MW34D_021024 **York Sample ID:** 24B0667-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:39 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.601 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.477 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.601 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.671 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.477 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.354 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.173 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.30 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.42** | | ug/m³ | 0.430 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.672 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.526 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.354 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.404 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.612 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.430 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.581 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.526 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.404 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.526 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.631 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.79** | | ug/m³ | 0.258 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.717 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA02_MW34D_021024 **York Sample ID:** 24B0667-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:39 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.37 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.574** | | ug/m³ | 0.358 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **366** | | ug/m³ | 7.80 | 16.42 | EPA TO-15 | 02/19/2024 12:00 | 02/21/2024 01:31 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.190 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.45** | | ug/m³ | 0.280 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.453 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.586 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.904 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.340 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.272 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.385** | TO-CCV | ug/m³ | 0.138 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.403 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.231 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.427 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.181 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.173 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.397 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **1.60** | | ug/m³ | 0.301 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.745 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.68** | | ug/m³ | 0.433 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **5.49** | | ug/m³ | 0.631 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **1.79** | | ug/m³ | 0.380 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA02_MW34D_021024 **York Sample ID:** 24B0667-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:39 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.933 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **23.3** | B | ug/m³ | 1.08 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **7.16** | | ug/m³ | 0.358 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.315 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **28.5** | | ug/m³ | 0.608 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-LCS -L | ug/m³ | 1.38 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.359 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.70** | | ug/m³ | 0.308 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **1.63** | | ug/m³ | 0.380 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **7.14** | | ug/m³ | 0.760 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.774** | | ug/m³ | 0.430 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.151 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.373 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.593 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.516 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **8.18** | | ug/m³ | 0.330 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.347 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.397 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.118 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.492 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.308 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.383 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_BL-IA02_MW34D_021024 **York Sample ID:** 24B0667-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Indoor Ambient Air | February 10, 2024 3:39 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.112 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **8.78** | | ug/m³ | 1.14 | 0.875 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 16:27 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_AA01_021024 **York Sample ID:** 24B0667-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Outdoor Ambient Air | February 10, 2024 3:50 pm | 02/12/2024 |

### VOA, TO15 MASTER

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.515 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.409 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.515 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.575 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.409 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.304 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.149 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.11 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.590** | | ug/m³ | 0.369 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.576 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.451 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.304 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.347 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.524 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.369 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.498 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.451 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.347 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.451 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.540 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.15** | | ug/m³ | 0.221 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | *** 2-Hexanone** | **1.14** | | ug/m³ | 0.614 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241174_AA01_021024 **York Sample ID:** 24B0667-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Outdoor Ambient Air | February 10, 2024 3:50 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.17 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.307 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **10.3** | | ug/m³ | 0.356 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.163 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.03** | | ug/m³ | 0.240 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.388 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.502 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.775 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.291 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.234 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.118 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.345 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.198 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.366 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.16** | | ug/m³ | 0.155 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.149 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.340 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **0.361** | | ug/m³ | 0.258 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.639 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.34** | | ug/m³ | 0.371 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **0.540** | | ug/m³ | 0.540 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.391** | | ug/m³ | 0.326 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_AA01_021024 **York Sample ID:** 24B0667-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Outdoor Ambient Air | February 10, 2024 3:50 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.800 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **4.44** | B | ug/m³ | 0.922 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.307 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.270 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **0.651** | | ug/m³ | 0.521 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | TO-LCS -L | ug/m³ | 1.18 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.307 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.978** | | ug/m³ | 0.264 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.488** | | ug/m³ | 0.326 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.07** | | ug/m³ | 0.651 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.369** | | ug/m³ | 0.369 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.129 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.319 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **0.560** | | ug/m³ | 0.509 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.442 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.89** | | ug/m³ | 0.283 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.297 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.340 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.101 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.22** | | ug/m³ | 0.421 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.264 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.328 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241174_AA01_021024 **York Sample ID:** 24B0667-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24B0667 | 170340203 | Outdoor Ambient Air | February 10, 2024 3:50 pm | 02/12/2024 |

**VOA, TO15 MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.0959 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1330-20-7 | *** Xylenes, Total** | **1.56** | | ug/m³ | 0.977 | 0.75 | EPA TO-15 | 02/19/2024 12:00 | 02/20/2024 18:46 | VH |
| | | | | | | | Certifications: | | | |

# Analytical Batch Summary

**Batch ID:** BB40705 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B0261-01 | CAN 20665 / FC 13559 | 02/08/24 |
| 24B0261-02 | CAN 28841 / FC 16424 | 02/08/24 |
| 24B0261-04 | CAN 41844 / FC 19410 | 02/08/24 |
| BB40705-BLK1 | Blank | 02/08/24 |
| BB40705-BS1 | LCS | 02/08/24 |
| BB40705-DUP1 | Duplicate | 02/08/24 |

**Batch ID:** BB41189 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B0667-01 | C241174_BL-IA01_MW30D_( | 02/19/24 |
| 24B0667-02 | C241174_BL-IA02_MW34D_( | 02/19/24 |
| 24B0667-03 | C241174_AA01_021024 | 02/19/24 |
| BB41189-BLK1 | Blank | 02/19/24 |
| BB41189-BS1 | LCS | 02/19/24 |
| BB41189-DUP1 | Duplicate | 02/19/24 |

**Batch ID:** BB41369 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24B0667-01RE1 | C241174_BL-IA01_MW30D_( | 02/19/24 |
| 24B0667-02RE1 | C241174_BL-IA02_MW34D_( | 02/19/24 |
| BB41369-BLK1 | Blank | 02/20/24 |
| BB41369-BS1 | LCS | 02/20/24 |
| BB41369-DUP1 | Duplicate | 02/20/24 |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB40705 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB40705-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/08/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | 0.816 | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | ND | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | 0.391 | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |
| Bromomethane | ND | 0.388 | " | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | 0.664 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB40705 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB40705-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 02/08/2024 | | | |
| n-Heptane | ND | 0.410 | ug/m³ | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |
| **LCS (BB40705-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/08/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 11.6 | | ppbv | 10.0 | | 116 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,2-Dichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,2-Dichloropropane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 15.6 | | " | 10.0 | | 156 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,3-Butadiene | 18.6 | | " | 10.0 | | 186 | 70-130 | High Bias | | | |
| 1,3-Dichlorobenzene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,3-Dichloropropane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,4-Dioxane | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| 2-Butanone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 2-Hexanone | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 3-Chloropropene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Acetone | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Acrylonitrile | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |
| Benzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Benzyl chloride | 12.9 | | " | 10.0 | | 129 | 70-130 | | | | |
| Bromodichloromethane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Bromoform | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Bromomethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB40705 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB40705-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/08/2024 | | | |
| Carbon disulfide | 10.1 | | ppbv | 10.0 | | 101 | 70-130 | | | | |
| Carbon tetrachloride | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Chlorobenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Chloroethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Chloroform | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Chloromethane | 16.7 | | " | 10.0 | | 167 | 70-130 | High Bias | | | |
| cis-1,2-Dichloroethylene | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Cyclohexane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Dibromochloromethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Dichlorodifluoromethane | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| Ethyl acetate | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Ethyl Benzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Hexachlorobutadiene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Isopropanol | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| Methyl Methacrylate | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Methylene chloride | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Naphthalene | 9.96 | | " | 10.0 | | 99.6 | 70-130 | | | | |
| n-Heptane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| n-Hexane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| o-Xylene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| p- & m- Xylenes | 24.7 | | " | 20.0 | | 124 | 70-130 | | | | |
| p-Ethyltoluene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Propylene | 13.1 | | " | 10.0 | | 131 | 70-130 | High Bias | | | |
| Styrene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Tetrachloroethylene | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| Tetrahydrofuran | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Toluene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Trichloroethylene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Vinyl acetate | 9.09 | | " | 10.0 | | 90.9 | 70-130 | | | | |
| Vinyl bromide | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Vinyl Chloride | 18.3 | | " | 10.0 | | 183 | 70-130 | High Bias | | | |
| Xylenes, Total | 159 | 1.30 | ug/m³ | | | | | | | | |

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB40705 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB40705-DUP1)** Duplicate | *Source sample: 24A1627-02 (Duplicate) | | | | | | | | Prepared: 02/08/2024 Analyzed: 02/09/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.633 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.503 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.633 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.707 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.503 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.373 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.183 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 0.684 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 0.770 | 0.453 | " | | 0.680 | | | | 12.5 | 25 | |
| 1,2-Dibromoethane | ND | 0.708 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.554 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.373 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.426 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.645 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.453 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 0.612 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.554 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.426 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.554 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 0.664 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.734 | 0.272 | " | | 0.653 | | | | 11.8 | 25 | |
| 2-Hexanone | ND | 0.755 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 1.44 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.378 | " | | ND | | | | | 25 | |
| Acetone | 14.9 | 0.438 | " | | 14.8 | | | | 0.591 | 25 | |
| Acrylonitrile | 0.460 | 0.200 | " | | ND | | | | | 25 | |
| Benzene | 0.943 | 0.295 | " | | 0.972 | | | | 3.08 | 25 | |
| Benzyl chloride | ND | 0.477 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 0.618 | " | | ND | | | | | 25 | |
| Bromoform | ND | 0.953 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.358 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.287 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.406 | 0.145 | " | | 0.406 | | | | 0.00 | 25 | |
| Chlorobenzene | ND | 0.424 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.243 | " | | ND | | | | | 25 | |
| Chloroform | 1.26 | 0.450 | " | | 1.22 | | | | 3.64 | 25 | |
| Chloromethane | 1.71 | 0.190 | " | | 2.09 | | | | 20.0 | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.183 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.418 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.317 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 0.785 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 3.01 | 0.456 | " | | 3.05 | | | | 1.50 | 25 | |
| Ethyl acetate | 0.532 | 0.664 | " | | 0.598 | | | | 11.8 | 25 | |
| Ethyl Benzene | 0.681 | 0.400 | " | | 0.641 | | | | 6.06 | 25 | |
| Hexachlorobutadiene | ND | 0.983 | " | | ND | | | | | 25 | |
| Isopropanol | 4.01 | 0.453 | " | | 3.88 | | | | 3.45 | 25 | |
| Methyl Methacrylate | ND | 0.377 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.332 | " | | ND | | | | | 25 | |
| Methylene chloride | 0.705 | 0.641 | " | | 0.705 | | | | 0.00 | 25 | |
| Naphthalene | 0.580 | 0.967 | " | | 0.870 | | | | 40.0 | 25 | Non-dir. |
| n-Heptane | 0.529 | 0.378 | " | | 0.567 | | | | 6.90 | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB40705 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB40705-DUP1)** Duplicate | *Source sample: 24A1627-02 (Duplicate) | | | | | | | | Prepared: 02/08/2024 Analyzed: 02/09/2024 | | |
| n-Hexane | 0.487 | 0.325 | ug/m³ | | 0.422 | | | | 14.3 | 25 | |
| o-Xylene | 0.440 | 0.400 | " | | 0.360 | | | | 20.0 | 25 | |
| p- & m- Xylenes | 1.24 | 0.801 | " | | 1.00 | | | | 21.4 | 25 | |
| p-Ethyltoluene | 0.408 | 0.453 | " | | 0.363 | | | | 11.8 | 25 | |
| Propylene | ND | 0.159 | " | | ND | | | | | 25 | |
| Styrene | 0.236 | 0.393 | " | | 0.236 | | | | 0.00 | 25 | |
| Tetrachloroethylene | 0.688 | 0.625 | " | | 0.750 | | | | 8.70 | 25 | |
| Tetrahydrofuran | ND | 0.544 | " | | ND | | | | | 25 | |
| Toluene | 1.74 | 0.347 | " | | 1.88 | | | | 7.69 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.366 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.418 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.124 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.40 | 0.518 | " | | 1.40 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 0.325 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.403 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.118 | " | | ND | | | | | 25 | |
| Xylenes, Total | 1.68 | 1.20 | " | | 1.36 | | | | 21.1 | 200 | |
| **Batch BB41189 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41189-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/19/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | 0.742 | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | ND | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | ND | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41189 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41189-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/19/2024 | | |
| Bromomethane | ND | 0.388 | ug/m³ | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | 0.590 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| n-Heptane | ND | 0.410 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41189 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41189-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/19/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 11.0 | | ppbv | 10.0 | | 110 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 7.00 | | " | 10.0 | | 70.0 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,2-Dibromoethane | 9.61 | | " | 10.0 | | 96.1 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,3-Butadiene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,4-Dioxane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 2-Butanone | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Hexanone | 9.44 | | " | 10.0 | | 94.4 | 70-130 | | | | |
| 3-Chloropropene | 9.64 | | " | 10.0 | | 96.4 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Acetone | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Acrylonitrile | 9.16 | | " | 10.0 | | 91.6 | 70-130 | | | | |
| Benzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Benzyl chloride | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Bromodichloromethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Bromoform | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Bromomethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Carbon disulfide | 9.80 | | " | 10.0 | | 98.0 | 70-130 | | | | |
| Carbon tetrachloride | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Chlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Chloroethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Chloroform | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Chloromethane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.85 | | " | 10.0 | | 98.5 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.47 | | " | 10.0 | | 94.7 | 70-130 | | | | |
| Cyclohexane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Dibromochloromethane | 9.48 | | " | 10.0 | | 94.8 | 70-130 | | | | |
| Dichlorodifluoromethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Ethyl acetate | 9.61 | | " | 10.0 | | 96.1 | 70-130 | | | | |
| Ethyl Benzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Hexachlorobutadiene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Isopropanol | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Methyl Methacrylate | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Methylene chloride | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Naphthalene | 4.75 | | " | 10.0 | | 47.5 | 70-130 | Low Bias | | | |
| n-Heptane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41189 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41189-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/19/2024 | | | |
| n-Hexane | 10.9 | | ppbv | 10.0 | | 109 | 70-130 | | | | |
| o-Xylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| p- & m- Xylenes | 23.4 | | " | 20.0 | | 117 | 70-130 | | | | |
| p-Ethyltoluene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Propylene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Styrene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Tetrachloroethylene | 9.23 | | " | 10.0 | | 92.3 | 70-130 | | | | |
| Tetrahydrofuran | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Toluene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.06 | | " | 10.0 | | 90.6 | 70-130 | | | | |
| Trichloroethylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Vinyl acetate | 7.69 | | " | 10.0 | | 76.9 | 70-130 | | | | |
| Vinyl bromide | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Vinyl Chloride | 12.5 | | " | 10.0 | | 125 | 70-130 | | | | |
| Xylenes, Total | 151 | 1.30 | ug/m³ | | | | | | | | |
| **Duplicate (BB41189-DUP1)** Duplicate | *Source sample: 24B0409-01 (Duplicate) | | | | | | | Prepared: 02/19/2024 Analyzed: 02/21/2024 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.20 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.950 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.20 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.33 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.950 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.705 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.345 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.29 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 1.54 | 0.856 | " | | 5.99 | | | | 118 | 25 | Non-dir. |
| 1,2-Dibromoethane | ND | 1.34 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.05 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.705 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.804 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.22 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.856 | " | | 1.46 | | | | | 25 | |
| 1,3-Butadiene | ND | 1.16 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.05 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.805 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.05 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.25 | " | | ND | | | | | 25 | |
| 2-Butanone | 23.6 | 0.513 | " | | 0.719 | | | | 188 | 25 | Non-dir. |
| 2-Hexanone | ND | 1.43 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 2.72 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | 3.21 | 0.713 | " | | ND | | | | | 25 | |
| Acetone | 21.3 | 0.827 | " | | 8.93 | | | | 81.8 | 25 | Non-dir. |
| Acrylonitrile | ND | 0.378 | " | | 2.83 | | | | | 25 | |
| Benzene | ND | 0.556 | " | | 0.723 | | | | | 25 | |
| Benzyl chloride | ND | 0.901 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 1.17 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.80 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.676 | " | | ND | | | | | 25 | |
| Carbon disulfide | 1.46 | 0.542 | " | | ND | | | | | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41189 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41189-DUP1)** Duplicate | *Source sample: 24B0409-01 (Duplicate) | | | | | | | | Prepared: 02/19/2024 Analyzed: 02/21/2024 | | |
| Carbon tetrachloride | ND | 0.274 | ug/m³ | | 0.438 | | | | | 25 | |
| Chlorobenzene | ND | 0.802 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.459 | " | | ND | | | | | 25 | |
| Chloroform | 1.53 | 0.850 | " | | ND | | | | | 25 | |
| Chloromethane | 0.611 | 0.360 | " | | 1.55 | | | | 86.7 | 25 | Non-dir. |
| cis-1,2-Dichloroethylene | ND | 0.345 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.790 | " | | ND | | | | | 25 | |
| Cyclohexane | 17.6 | 0.599 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 1.48 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.67 | 0.861 | " | | 2.76 | | | | 3.17 | 25 | |
| Ethyl acetate | 2.63 | 1.25 | " | | ND | | | | | 25 | |
| Ethyl Benzene | 2.19 | 0.756 | " | | 0.832 | | | | 90.0 | 25 | Non-dir. |
| Hexachlorobutadiene | ND | 1.86 | " | | ND | | | | | 25 | |
| Isopropanol | 2.01 | 0.856 | " | | 2.82 | | | | 33.6 | 25 | Non-dir. |
| Methyl Methacrylate | ND | 0.713 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.628 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 1.21 | " | | 5.68 | | | | | 25 | |
| Naphthalene | ND | 1.83 | " | | ND | | | | | 25 | |
| n-Heptane | 5.28 | 0.714 | " | | 0.428 | | | | 170 | 25 | Non-dir. |
| n-Hexane | 59.2 | 0.614 | " | | 0.552 | | | | 196 | 25 | Non-dir. |
| o-Xylene | 0.907 | 0.756 | " | | 1.51 | | | | 50.0 | 25 | Non-dir. |
| p- & m- Xylenes | 1.51 | 1.51 | " | | 3.40 | | | | 76.9 | 25 | Non-dir. |
| p-Ethyltoluene | 1.11 | 0.856 | " | | 4.19 | | | | 116 | 25 | Non-dir. |
| Propylene | ND | 0.300 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.742 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | ND | 1.18 | " | | ND | | | | | 25 | |
| Tetrahydrofuran | ND | 1.03 | " | | ND | | | | | 25 | |
| Toluene | 1.84 | 0.656 | " | | 1.51 | | | | 19.6 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.690 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.790 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.234 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | 0.978 | 0.978 | " | | 1.47 | | | | 40.0 | 25 | Non-dir. |
| Vinyl acetate | ND | 0.613 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.762 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.223 | " | | ND | | | | | 25 | |
| Xylenes, Total | 2.42 | 2.27 | " | | 4.91 | | | | 68.0 | 200 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41369 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41369-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/20/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1.11 | 0.742 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.768 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.405 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.492 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.664 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.462 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.721 | " | | | | | | | | |
| 2-Butanone | ND | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | ND | 0.475 | " | | | | | | | | |
| Acrylonitrile | ND | 0.217 | " | | | | | | | | |
| Benzene | ND | 0.319 | " | | | | | | | | |
| Benzyl chloride | ND | 0.518 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.670 | " | | | | | | | | |
| Bromoform | ND | 1.03 | " | | | | | | | | |
| Bromomethane | ND | 0.388 | " | | | | | | | | |
| Carbon disulfide | ND | 0.311 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.157 | " | | | | | | | | |
| Chlorobenzene | ND | 0.460 | " | | | | | | | | |
| Chloroethane | ND | 0.264 | " | | | | | | | | |
| Chloroform | ND | 0.488 | " | | | | | | | | |
| Chloromethane | ND | 0.207 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Cyclohexane | ND | 0.344 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.852 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.495 | " | | | | | | | | |
| Ethyl acetate | ND | 0.721 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.434 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.07 | " | | | | | | | | |
| Isopropanol | 0.565 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | 1.05 | 1.05 | " | | | | | | | | |
| n-Heptane | ND | 0.410 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41369 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB41369-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 02/20/2024 | | |
| n-Hexane | ND | 0.352 | ug/m³ | | | | | | | | |
| o-Xylene | ND | 0.434 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.868 | " | | | | | | | | |
| p-Ethyltoluene | ND | 0.492 | " | | | | | | | | |
| Propylene | ND | 0.172 | " | | | | | | | | |
| Styrene | ND | 0.426 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.678 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.590 | " | | | | | | | | |
| Toluene | ND | 0.377 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | | | | | | | |
| Trichloroethylene | ND | 0.134 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | | | | | | | |
| Vinyl acetate | ND | 0.352 | " | | | | | | | | |
| Vinyl bromide | ND | 0.437 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.128 | " | | | | | | | | |
| Xylenes, Total | ND | 1.30 | " | | | | | | | | |
| **LCS (BB41369-BS1)** LCS | | | | | | | | | Prepared & Analyzed: 02/20/2024 | | |
| 1,1,1,2-Tetrachloroethane | 10.5 | | ppbv | 10.0 | | 105 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 9.64 | | " | 10.0 | | 96.4 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 9.70 | | " | 10.0 | | 97.0 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 9.72 | | " | 10.0 | | 97.2 | 70-130 | | | | |
| 1,1-Dichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 7.24 | | " | 10.0 | | 72.4 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dibromoethane | 9.30 | | " | 10.0 | | 93.0 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,3-Butadiene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,4-Dioxane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 2-Butanone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 2-Hexanone | 9.67 | | " | 10.0 | | 96.7 | 70-130 | | | | |
| 3-Chloropropene | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acetone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Acrylonitrile | 8.49 | | " | 10.0 | | 84.9 | 70-130 | | | | |
| Benzene | 9.43 | | " | 10.0 | | 94.3 | 70-130 | | | | |
| Benzyl chloride | 9.78 | | " | 10.0 | | 97.8 | 70-130 | | | | |
| Bromodichloromethane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Bromoform | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| Bromomethane | 9.86 | | " | 10.0 | | 98.6 | 70-130 | | | | |
| Carbon disulfide | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41369 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB41369-BS1)** LCS | | | | | | | | Prepared & Analyzed: 02/20/2024 | | | |
| Carbon tetrachloride | 10.8 | | ppbv | 10.0 | | 108 | 70-130 | | | | |
| Chlorobenzene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Chloroethane | 9.90 | | " | 10.0 | | 99.0 | 70-130 | | | | |
| Chloroform | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Chloromethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.82 | | " | 10.0 | | 98.2 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.35 | | " | 10.0 | | 93.5 | 70-130 | | | | |
| Cyclohexane | 9.82 | | " | 10.0 | | 98.2 | 70-130 | | | | |
| Dibromochloromethane | 8.92 | | " | 10.0 | | 89.2 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Ethyl acetate | 8.77 | | " | 10.0 | | 87.7 | 70-130 | | | | |
| Ethyl Benzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Hexachlorobutadiene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Isopropanol | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| Methyl Methacrylate | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 9.87 | | " | 10.0 | | 98.7 | 70-130 | | | | |
| Methylene chloride | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Naphthalene | 4.85 | | " | 10.0 | | 48.5 | 70-130 | Low Bias | | | |
| n-Heptane | 9.93 | | " | 10.0 | | 99.3 | 70-130 | | | | |
| n-Hexane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| o-Xylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| p- & m- Xylenes | 22.0 | | " | 20.0 | | 110 | 70-130 | | | | |
| p-Ethyltoluene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Propylene | 9.30 | | " | 10.0 | | 93.0 | 70-130 | | | | |
| Styrene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Tetrachloroethylene | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| Tetrahydrofuran | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Toluene | 9.82 | | " | 10.0 | | 98.2 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 8.62 | | " | 10.0 | | 86.2 | 70-130 | | | | |
| Trichloroethylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Vinyl acetate | 7.12 | | " | 10.0 | | 71.2 | 70-130 | | | | |
| Vinyl bromide | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Vinyl Chloride | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Xylenes, Total | 143 | 1.30 | ug/m³ | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41369 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41369-DUP1)** Duplicate | *Source sample: 24B0467-04 (Duplicate) | | | | | | | | Prepared: 02/20/2024 Analyzed: 02/21/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.02 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.809 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.14 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.809 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.600 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.294 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.10 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 6.05 | 0.729 | " | | 6.19 | | | | 2.38 | 25 | |
| 1,2-Dibromoethane | ND | 1.14 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.891 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.600 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.685 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.04 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.729 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | 0.951 | 0.984 | " | | 0.852 | | | | 10.9 | 25 | |
| 1,3-Dichlorobenzene | ND | 0.891 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.685 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.891 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.07 | " | | ND | | | | | 25 | |
| 2-Butanone | 68.0 | 0.437 | " | | 67.2 | | | | 1.16 | 25 | |
| 2-Hexanone | 16.9 | 1.21 | " | | 17.5 | | | | 3.52 | 25 | |
| 3-Chloropropene | ND | 2.32 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.607 | " | | ND | | | | | 25 | |
| Acetone | 118 | 0.704 | " | | 113 | | | | 3.60 | 25 | |
| Acrylonitrile | ND | 0.322 | " | | ND | | | | | 25 | |
| Benzene | 6.63 | 0.473 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 0.767 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 0.993 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.53 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.575 | " | | ND | | | | | 25 | |
| Carbon disulfide | 91.1 | 0.462 | " | | 88.2 | | | | 3.19 | 25 | |
| Carbon tetrachloride | ND | 0.233 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 0.682 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.391 | " | | ND | | | | | 25 | |
| Chloroform | 1.37 | 0.724 | " | | 1.30 | | | | 5.41 | 25 | |
| Chloromethane | ND | 0.306 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.294 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.673 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.867 | 0.510 | " | | 0.816 | | | | 6.06 | 25 | |
| Dibromochloromethane | ND | 1.26 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.86 | 0.733 | " | | 2.78 | | | | 2.60 | 25 | |
| Ethyl acetate | ND | 1.07 | " | | ND | | | | | 25 | |
| Ethyl Benzene | 3.93 | 0.644 | " | | 3.86 | | | | 1.65 | 25 | |
| Hexachlorobutadiene | ND | 1.58 | " | | ND | | | | | 25 | |
| Isopropanol | 3.39 | 0.729 | " | | 3.21 | | | | 5.52 | 25 | |
| Methyl Methacrylate | ND | 0.607 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.534 | " | | ND | | | | | 25 | |
| Methylene chloride | 0.721 | 1.03 | " | | 0.669 | | | | 7.41 | 25 | |
| Naphthalene | 1.32 | 1.55 | " | | 1.63 | | | | 21.1 | 25 | |
| n-Heptane | 41.2 | 0.607 | " | | 40.7 | | | | 1.19 | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB41369 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BB41369-DUP1)** Duplicate | *Source sample: 24B0467-04 (Duplicate) | | | | | | | | Prepared: 02/20/2024 Analyzed: 02/21/2024 | | |
| n-Hexane | 26.2 | 0.522 | ug/m³ | | 25.0 | | | | 4.49 | 25 | |
| o-Xylene | 4.25 | 0.643 | " | | 4.18 | | | | 1.53 | 25 | |
| p- & m- Xylenes | 62.0 | 1.29 | " | | 61.8 | | | | 0.312 | 25 | |
| p-Ethyltoluene | ND | 0.729 | " | | ND | | | | | 25 | |
| Propylene | 15.8 | 0.255 | " | | 16.3 | | | | 3.18 | 25 | |
| Styrene | 0.568 | 0.631 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 9.05 | 1.01 | " | | 8.85 | | | | 2.25 | 25 | |
| Tetrahydrofuran | ND | 0.874 | " | | ND | | | | | 25 | |
| Toluene | 10.8 | 0.558 | " | | 10.6 | | | | 2.08 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.588 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.673 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.199 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 0.833 | " | | ND | | | | | 25 | |
| Vinyl acetate | ND | 0.522 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.648 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.189 | " | | ND | | | | | 25 | |
| Xylenes, Total | 66.2 | 1.93 | " | | 66.0 | | | | 0.389 | 200 | |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| TO-LCS-L | The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value. |
| TO-CCV | The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration). |
| QR-01 | Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results. |
| B | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. |

## Definitions and Other Explanations

| | |
|---|---|
| * | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte. |
| ND | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL) |
| RL | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve. |
| LOQ | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses. |
| LOD | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846. |
| MDL | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods. |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only. |
| NR | Not reported |
| RPD | Relative Percent Difference |
| Wet | The data has been reported on an as-received (wet weight) basis |
| Low Bias | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |
| High Bias | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |
| Non-Dir. | Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

---

Revision Description: This report has been revised to include Total Xylenes and Naphthalene in Samples and QC.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

# Field Chain-of-Custody Record - AIR

**NOTE:** YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24130667



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: Langan | Company: | Company: |
| Address: 360 W 31st St, NY, NY 10001 | Address: | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Greg Wyka | Contact: | Contact: |
| E-mail: gwyka@langan.com | E-mail: | E-mail: |

**YOUR Project Number:** 170340203

**YOUR Project Name:** ABC Block 24

**YOUR PO#:**

**Turn-Around Time**

| | |
|---|---|
| RUSH - Next Day | |
| RUSH - Two Day | |
| RUSH - Three Day | |
| RUSH - Four Day | |
| Standard (5-7 Day) | X |

*Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.*

Samples Collected by: (print your name above and sign below)
Camille Quick
Camille Quick

**Air Matrix Codes**

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

**Samples From**

| | |
|---|---|
| New York | X |
| New Jersey | |
| Connecticut | |
| Pennsylvania | |
| Other | |

**Report / EDD Type** (circle selections)

| | | |
|---|---|---|
| Summary Report | CT RCP | Standard Excel EDD |
| QA Report | CT RCP DQA/DUE | EQuIS (Standard) |
| NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS |
| NY ASP B Package | NJDKQP | NJDEP SRP HazSite |
| Other: | | |

**YORK Reg. Comp.**
Compared to the following Regulation(s): (please fill in)

**Certified Canisters:** Batch ___ Individual X

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| C241174-BL-1A01_MN30D_021024 | 2/10/24 1547 | AI | -29.5 | -5 | 20605 | 13559 | TO-15 VOCs |
| C241174-BL-1A02_MN24D_021024 | ↓ 1539 | AI | -29 | -5 | 41844 | 19410 | ↓ |
| C241174-AA01_021024 | ↓ 1550 | AO | -29.5 | -5 | 28841 | 16424 | ↓ |

**Comments:**
cc: datamanagement@langan.com & ainesc@langan.com

**Detection Limits Required**
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

**Sampling Media**

| | |
|---|---|
| 6 Liter Canister | X |
| Tedlar Bag | |

| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| Camille Quick (Langan) | 2/12/24 1019 AM | [illegible] | 2/12/24 1020 AM | PHILIP F. LYNCH | 2/12/24 1020 |
| Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time |
| Noel Nu | 2/12/24 1020 AM | Noel Nu | 2/12/24 | | |
| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Received in LAB by | Date/Time |
| | | | | [illegible] | 02/13/24 1240 |

# APPENDIX D

# DATA USABILITY SUMMARY REPORT

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

# Technical Memorandum

**1 University Square Drive Princeton, NJ 08540 T: 609.282.8000**
**Mailing Address: 1 University Square Drive Princeton, NJ 08540**

**To:** Greg Wyka, Langan Senior Project Geologist

**From:** Joe Conboy, Langan Senior Staff Chemist

**Date:** March 13, 2024

**Re:** Data Usability Summary Report
For ABC Block 26
February 2024 Soil Vapor and Ambient Air Samples
Langan Project No.: 170340203

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in February 2024 by Langan Engineering and Environmental Services at the ABC Block 26 site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

**Validation Overview**

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs

values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. The SDGs 24B0667 and 24B1051 underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

| | | | |
|---|---|---|---|
| %D | Percent Difference | MB | Method Blank |
| CCV | Continuing Calibration Verification | MDL | Method Detection Limit |
| FB | Field Blank | MS | Matrix Spike |
| FD | Field Duplicate | MSD | Matrix Spike Duplicate |
| ICAL | Initial Calibration | RF | Response Factor |
| ICV | Initial Calibration Verification | RL | Reporting Limit |
| ISTD | Internal Standard | RPD | Relative Percent Difference |
| LCL | Lower Control Limit | RSD | Relative Standard Deviation |
| LCS | Laboratory Control Sample | TB | Trip Blank |
| LCSD | Laboratory Control Sample Duplicate | UCL | Upper Control Limit |

**MAJOR DEFICIENCIES:**

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

**MINOR DEFICIENCIES:**

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

**VOCs by USEPA Method TO-15:**

24B0667

The MB for batch BB41189 exhibited a detection of 1,2,4-trichlorobenzene (0.742 ug/m3) and isopropanol (0.590 ug/m3). The associated detected results <10x blank contamination in samples C241174_AA01_021024, C241174_BL-IA01_MW30D_021024, and C241174_BL-IA02_MW34D_021024 are qualified as J because of potential blank contamination.

The batch canister certification 28841 exhibited detections of acrylonitrile (0.33107 ug/m3) and isopropanol (0.675 ug/m3). The associated detected results in sample C241174_AA01_021024 are qualified as J at the sample concentration because of potential blank contamination.

24B1051

The MB for batch BB41689 exhibited detections of acrylonitrile (0.217 ug/m3) and tetrachloroethylene (0.678 ug/m3). The associated detected results in samples C241174_AA02_021724, C241174_LR-IA01_MW30D_021704, and C241174_LR-IA02_MW34D_021704 are qualified as J or as U at the sample concentration because of potential blank contamination. Results that are >10x blank contamination require no qualification.

**OTHER DEFICIENCIES:**

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

24B0667

The batch canister certification 41844 exhibited a detection of isopropanol (0.5 ug/m3). The associated results are >10X the contamination. No qualification is necessary.

The batch canister certification 20665 exhibited detections of acrylonitrile (0.37521 ug/m3) and isopropanol (0.650 ug/m3). The associated results are either non-detect or >10X the contamination. No qualification is necessary.

**CONCLUSION:**

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Joe Conboy
Senior Staff Chemist

**Data Usability Summary Report**
**For ABC Block 26**
**February 2024 Soil Vapor and Ambient Air Samples**
**Table 1: Sample Summary**

| SDG | Lab Sample ID | Client Sample ID | Sample Date | Validation Level | Analytical Parameters |
|---|---|---|---|---|---|
| 24B0667 | 24B0667-01 | C241174_BL-IA01_MW30D_021024 | 2/10/2024 | Tier 1 | VOCs by TO-15 |
| 24B0667 | 24B0667-02 | C241174_BL-IA02_MW34D_021024 | 2/10/2024 | Tier 1 | VOCs by TO-15 |
| 24B0667 | 24B0667-03 | C241174_AA01_021024 | 2/10/2024 | Tier 1 | VOCs by TO-15 |
| 24B1051 | 24B1051-01 | C241174_AA02_021724 | 2/17/2024 | Tier 1 | VOCs by TO-15 |
| 24B1051 | 24B1051-02 | C241174_LR-IA01_MW30D_021704 | 2/17/2024 | Tier 1 | VOCs by TO-15 |
| 24B1051 | 24B1051-03 | C241174_LR-IA02_MW34D_021704 | 2/17/2024 | Tier 1 | VOCs by TO-15 |

**Data Usability Summary Report**
**For ABC Block 26**
**February 2024 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 24B0667 | C241174_AA01_021024 | TO15 | 67-63-0 | Isopropanol | J |
| 24B1051 | C241174_LR-IA01_MW30D_021704 | TO15 | 107-13-1 | Acrylonitrile | U(0.336) |
| 24B1051 | C241174_LR-IA02_MW34D_021704 | TO15 | 107-13-1 | Acrylonitrile | J |

# APPENDIX E

# PHOTOGRAPHIC LOG

**Photographic Log**

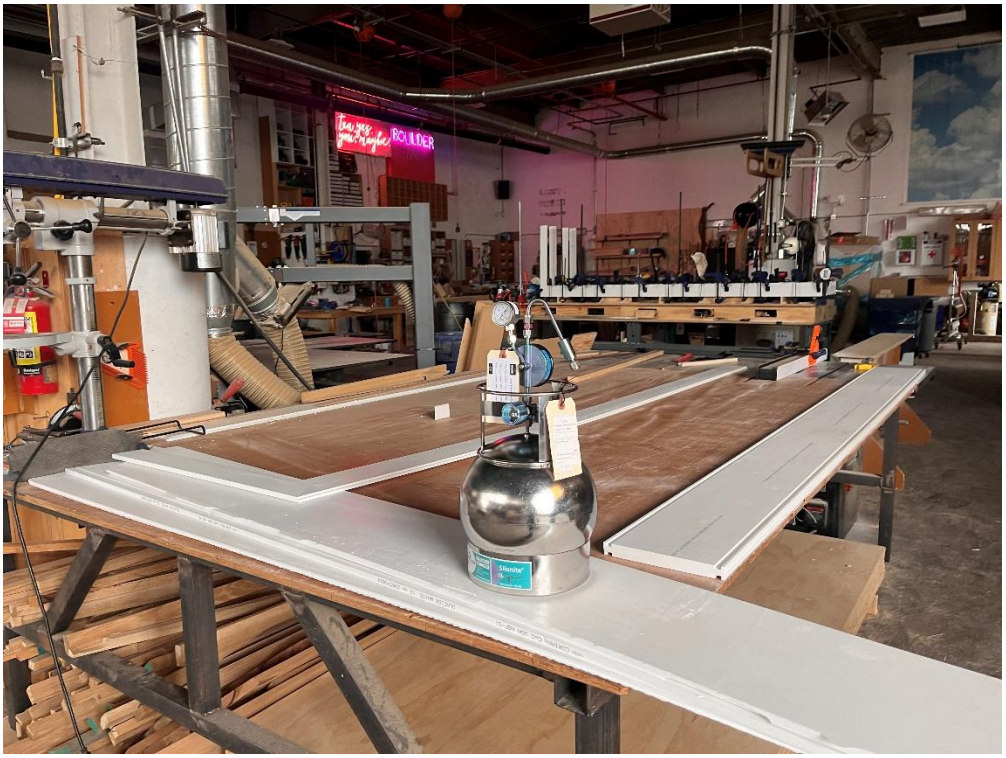



Photo 1 (2/10/2024): View of the baseline indoor air sample next to MW30D

Photo 2 (2/10/2024): View of Langan gauging LNAPL at MW30D

Photo 3 (2/10/2024): View of Langan installing an absorbent sock at MW30D

Photo 4 (2/17/2024): View of the ambient air sample

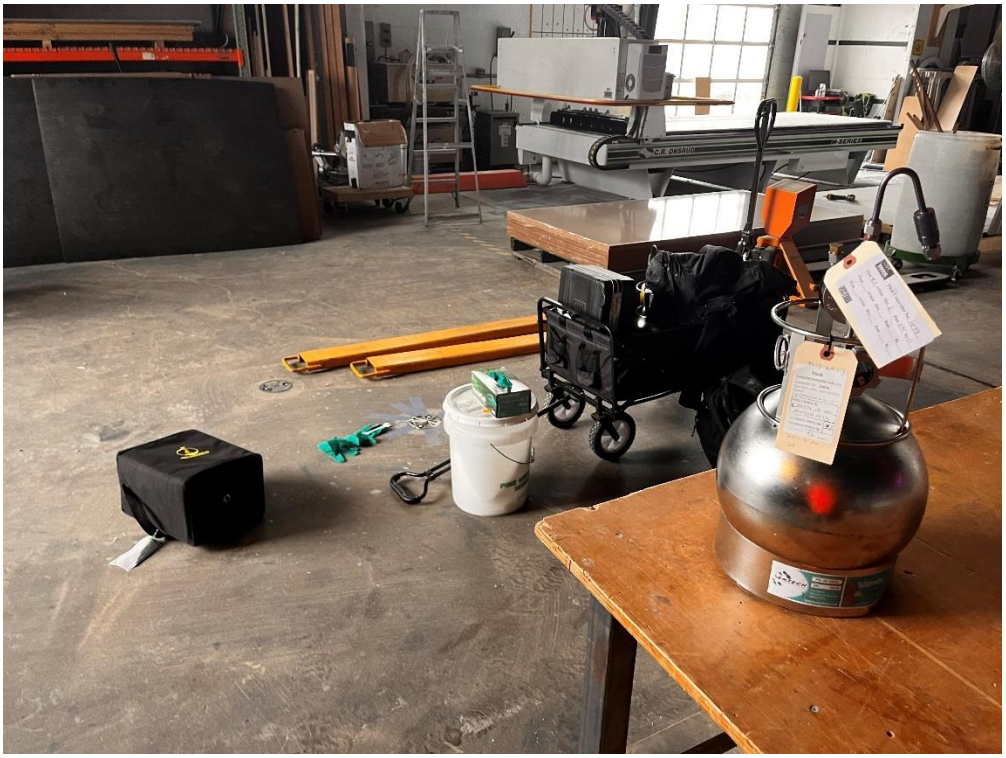


Photo 5 (2/17/2024): View of indoor air sample near MW30D during sock changeout event

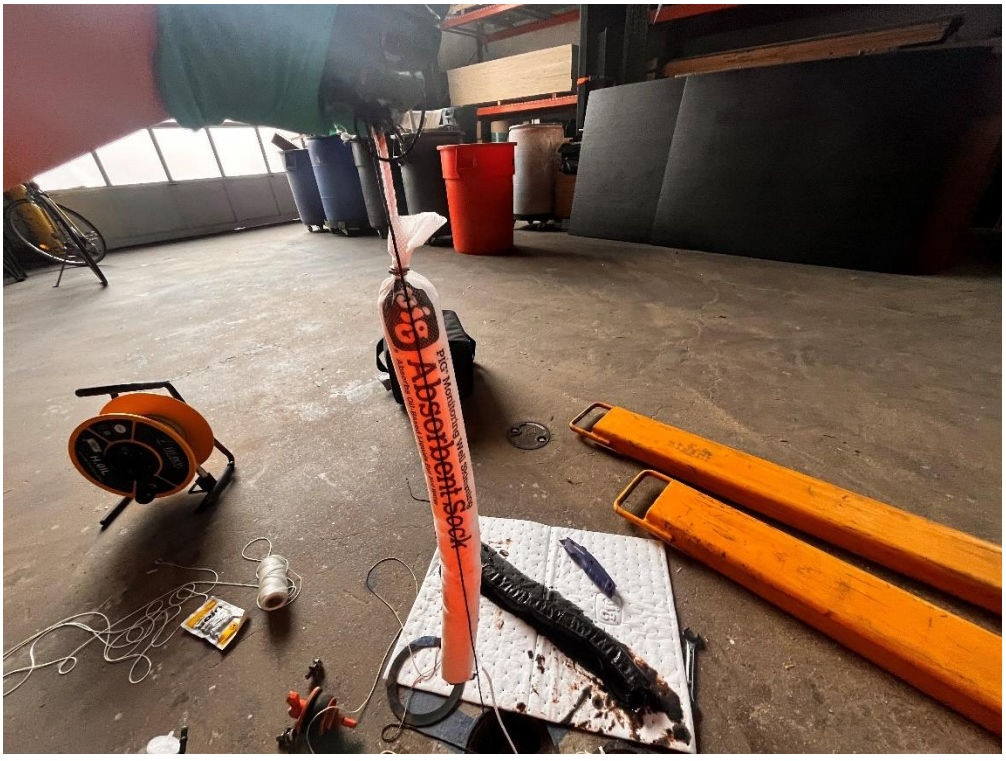



Photo 6 (2/17/2024): View of Langan replacing a spent absorbent sock at MW30D

Photo 7 (2/17/2024): View of indoor air sampling at MW34D during sock changeout event

Photo 8 (2/17/2024): View of Langan gauging LNAPL at MW34D

# APPENDIX C

# NYSDOH QUESTIONNAIRES AND IAQ INVENTORIES

**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 Roswell Lo Date/Time Prepared 9/21/2025, 9:30 AM

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study II

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, office

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

NA

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy |
| **i. The basement is:** | finished | unfinished | partially finished | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / (not applicable) | | | |

**Basement/Lowest level depth below grade:** NA (feet)

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

Floor slab joints along interior walls

**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:** electric and 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.**

Forced air supply ductwork is visible throughout the building.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | Electric Scooter showroom, Maintenance shop, storage, and office |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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 company van

**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? main floor, auto repair space

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented?_____

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

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

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

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

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

If yes, what types of solvents are used? Possible solvents for mechanic shop

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

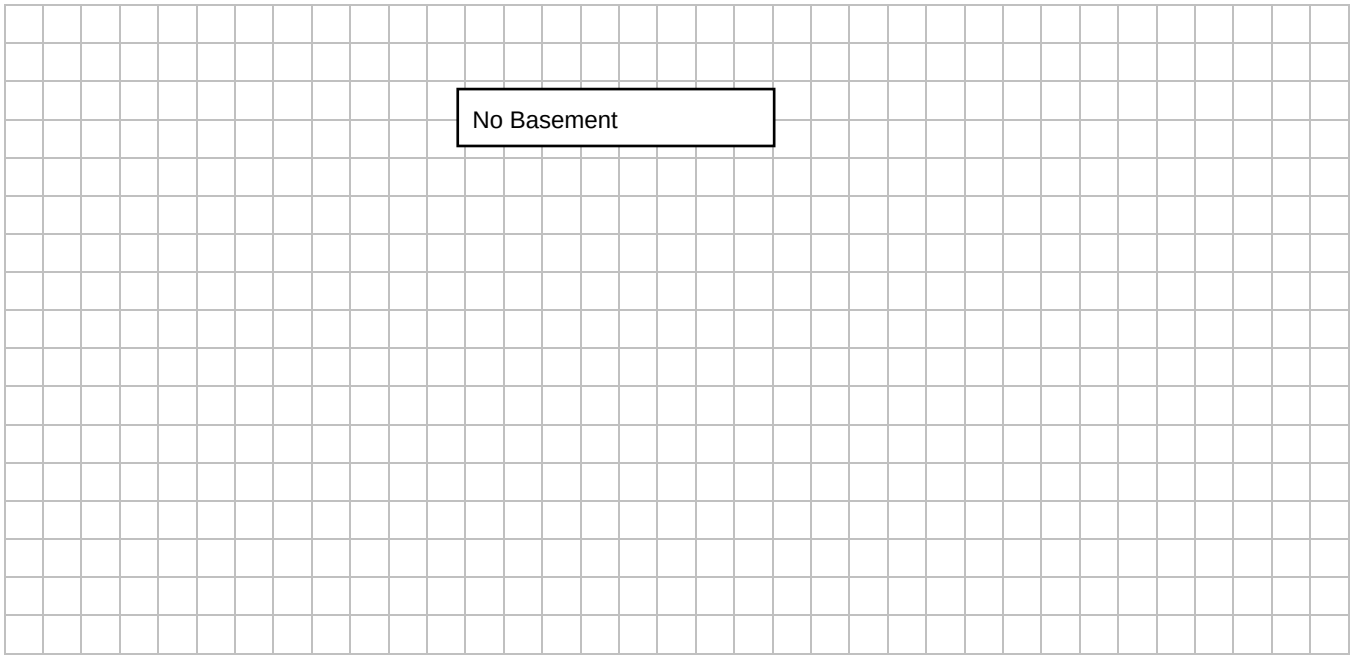
**c. Responsibility for costs associated with reimbursement explained?** Y / (N)

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

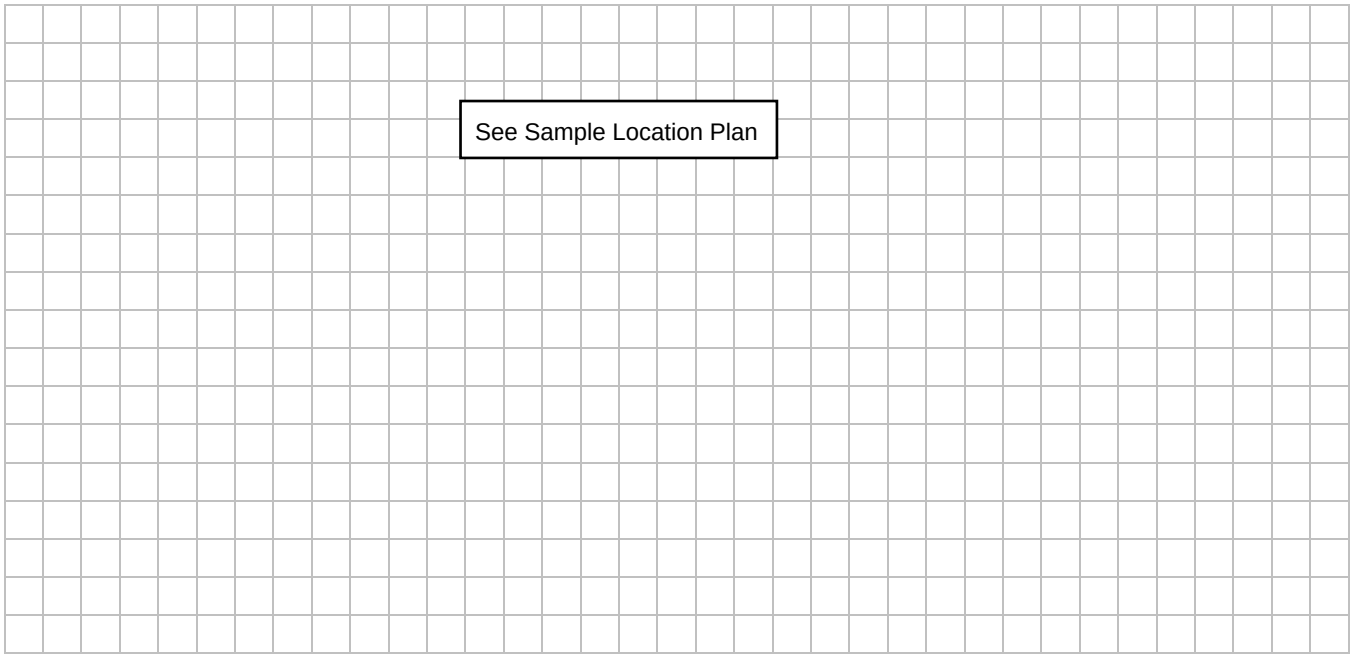
**11. FLOOR PLANS**

**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:**




**First Floor:**



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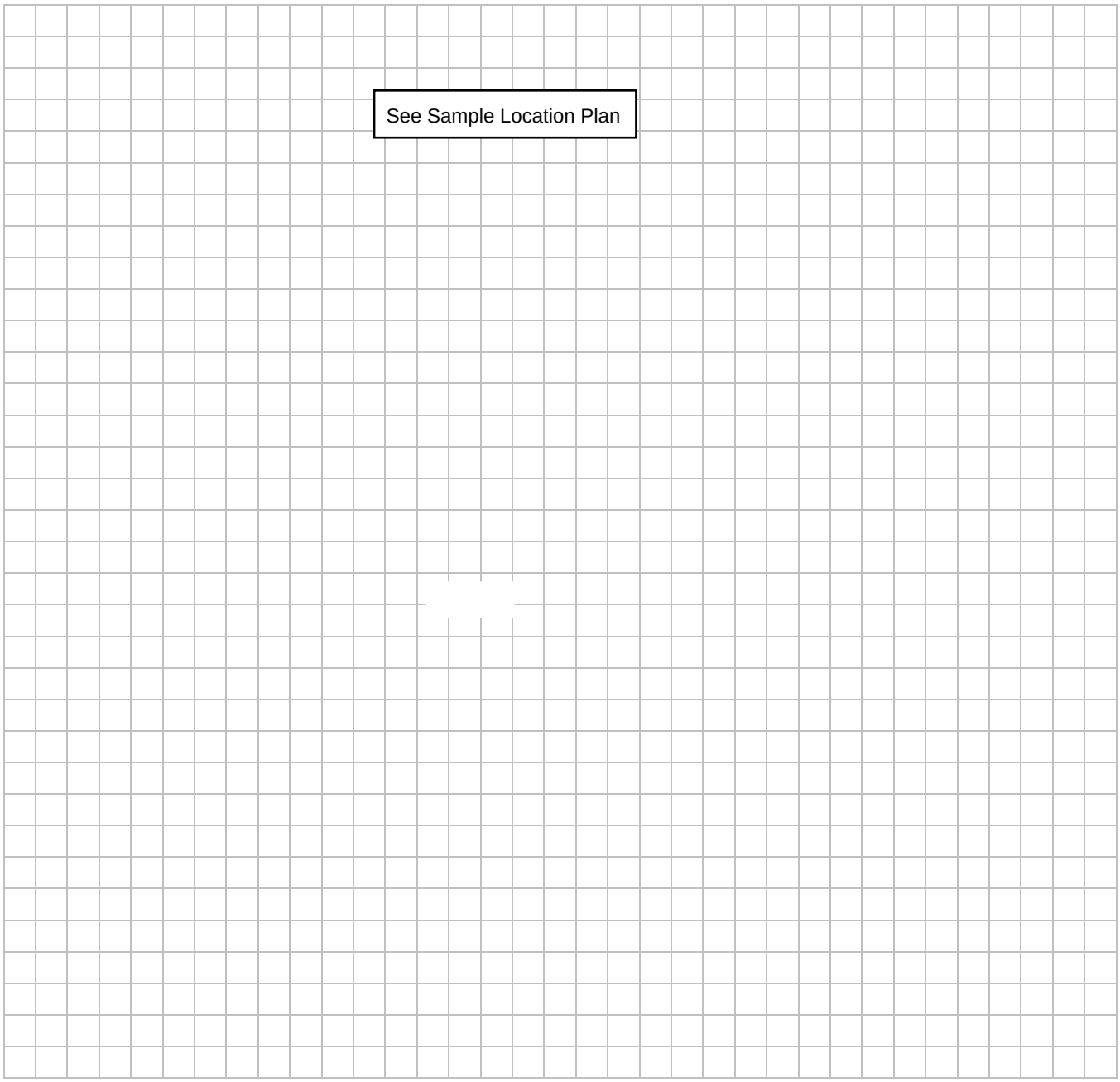

**NEW YORK STATE DEPARTMENT OF HEALTH**
**INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY**
**CENTER FOR ENVIRONMENTAL HEALTH**

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

Preparer's Name Camille Quick Date/Time Prepared 9/21/2025, 9:30 AM

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study II

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, office

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

Fans used during LNAPL recovery event to blow air outside

Outdoor air infiltration

Windows and front door were open during business hours

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy |
| **i. The basement is:** | finished | unfinished | partially finished | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / (not applicable) | | | |

**Basement/Lowest level depth below grade:** NA (feet)

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

Floor slab joints along interior walls

**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:** electric and 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.**

Forced air supply ductwork is visible throughout the building.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | Electric Scooter showroom, Maintenance shop, storage, and office |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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 company van

**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? main floor, auto repair space

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented?_____

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

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

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

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

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

If yes, what types of solvents are used? Possible solvents for mechanic shop

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.**

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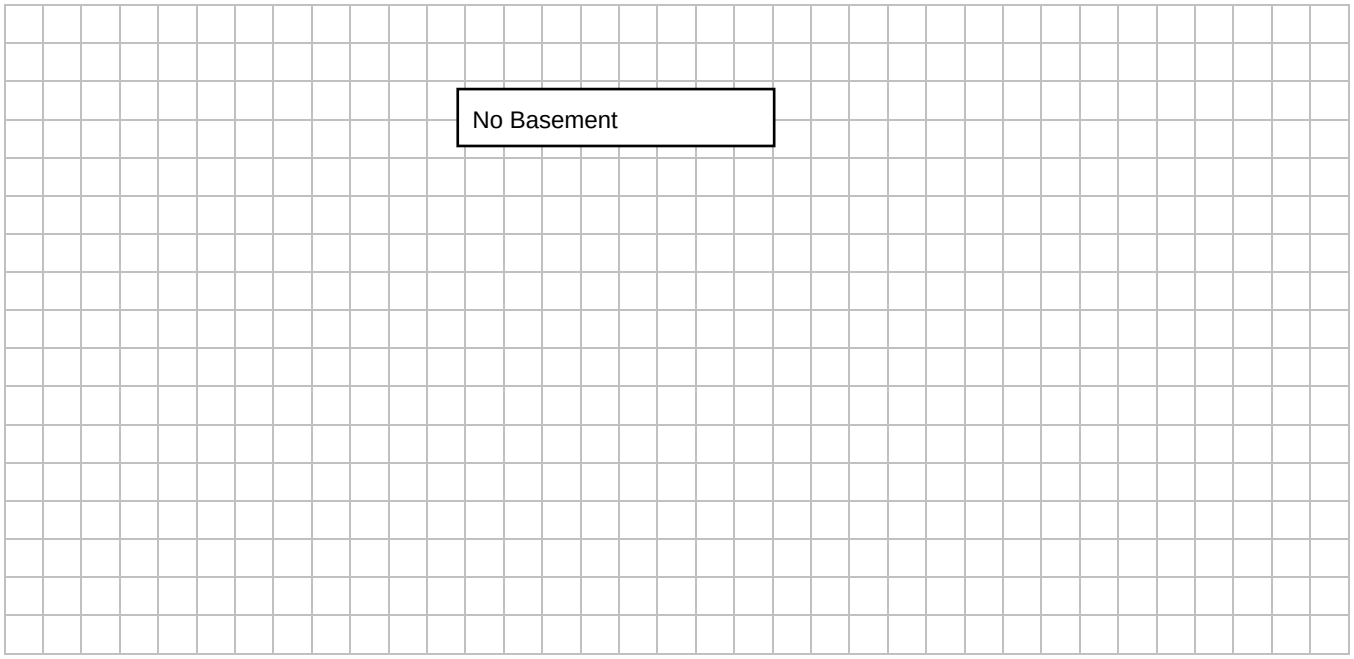


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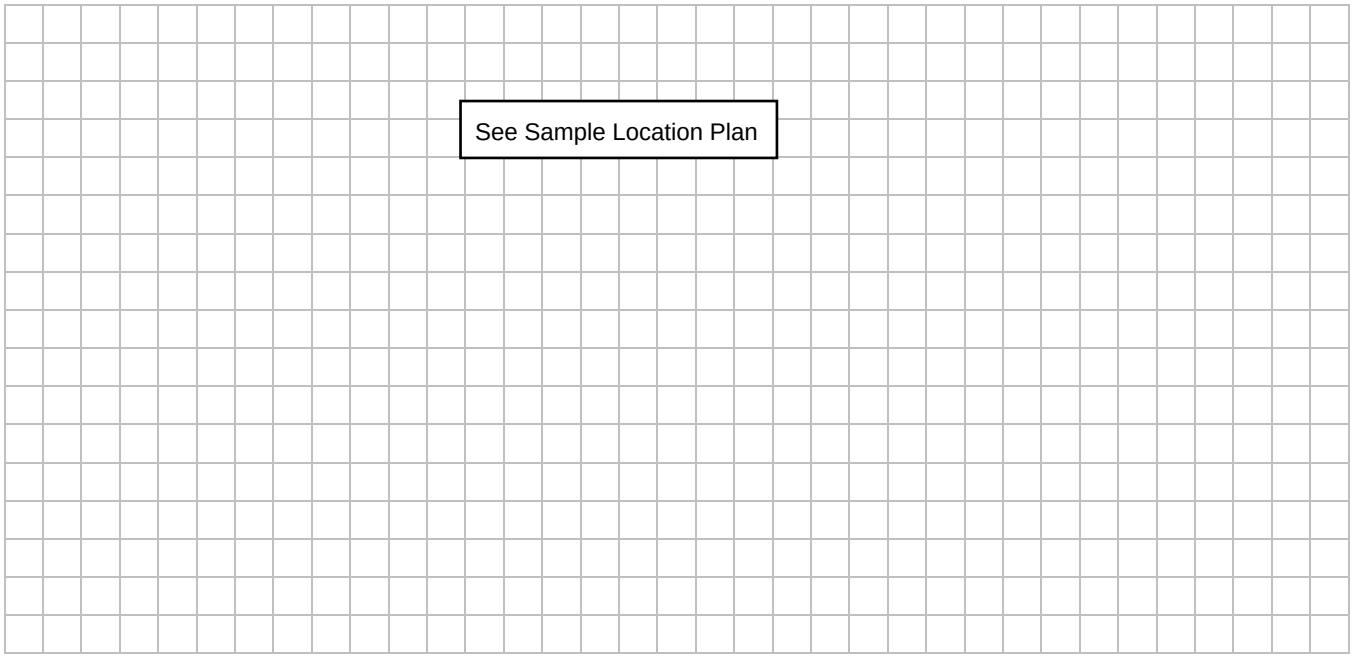

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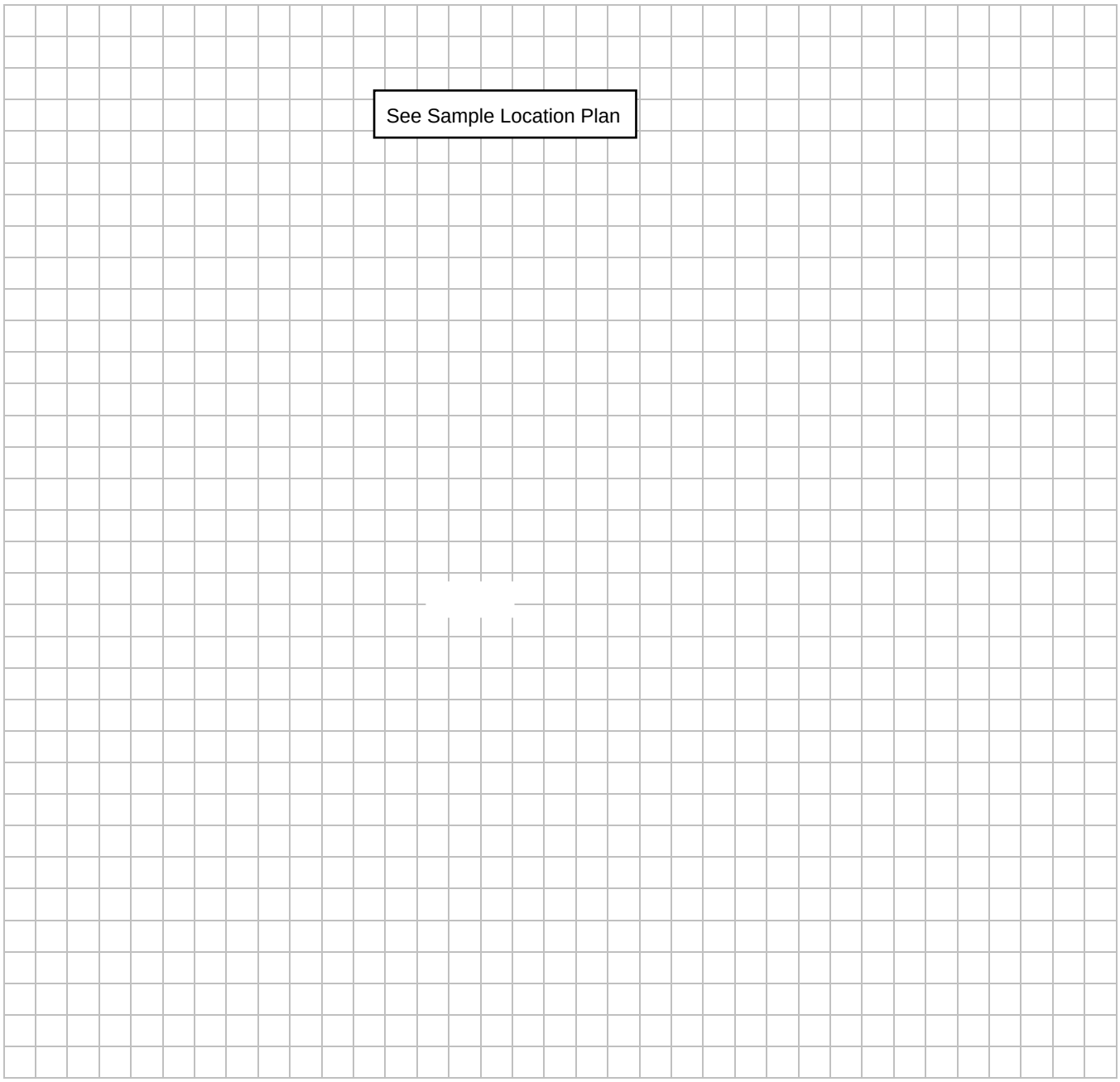

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**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

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Home Phone: _____ Office Phone: _____

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

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

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Last Name: _____ First Name: _____

Address: _____

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**Type of Building:** (Circle appropriate response)

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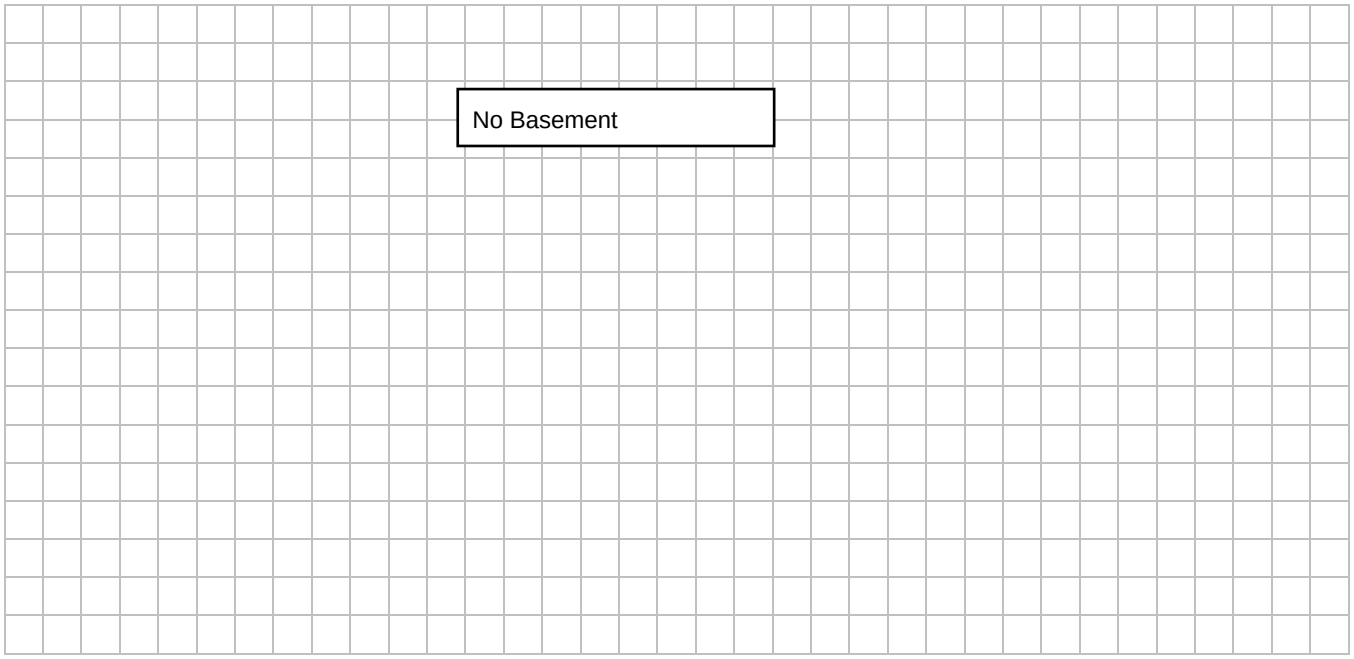


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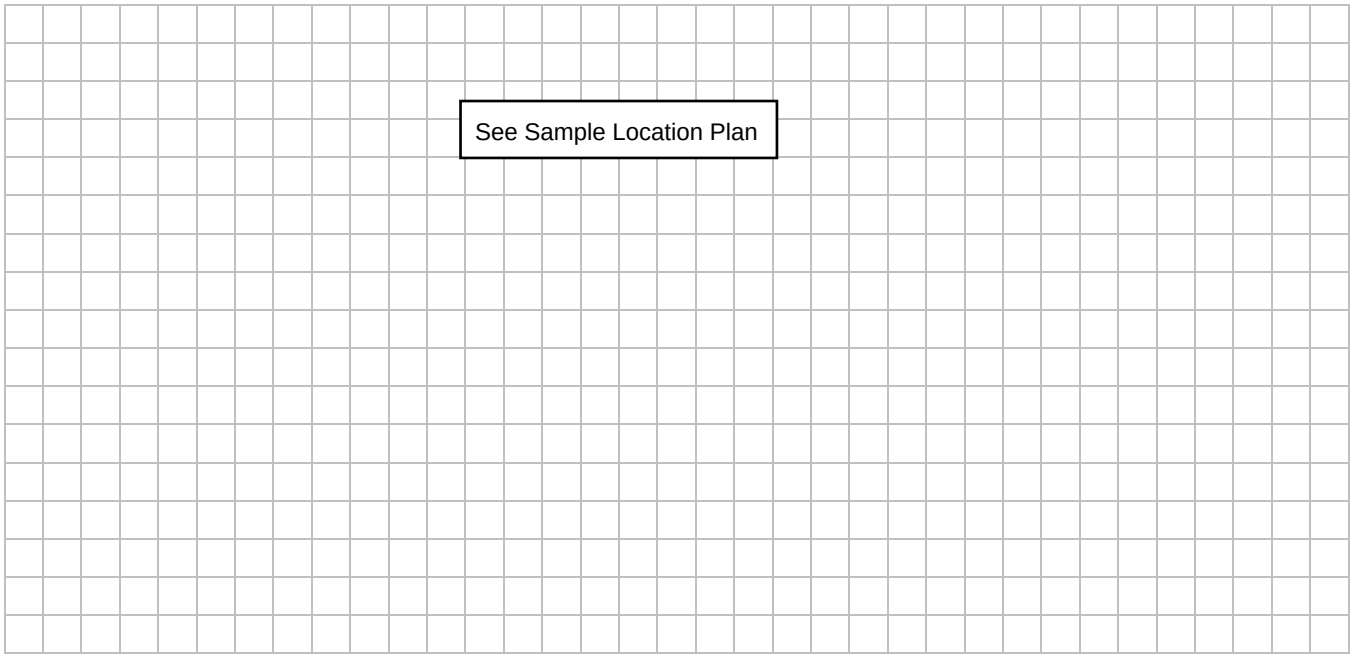

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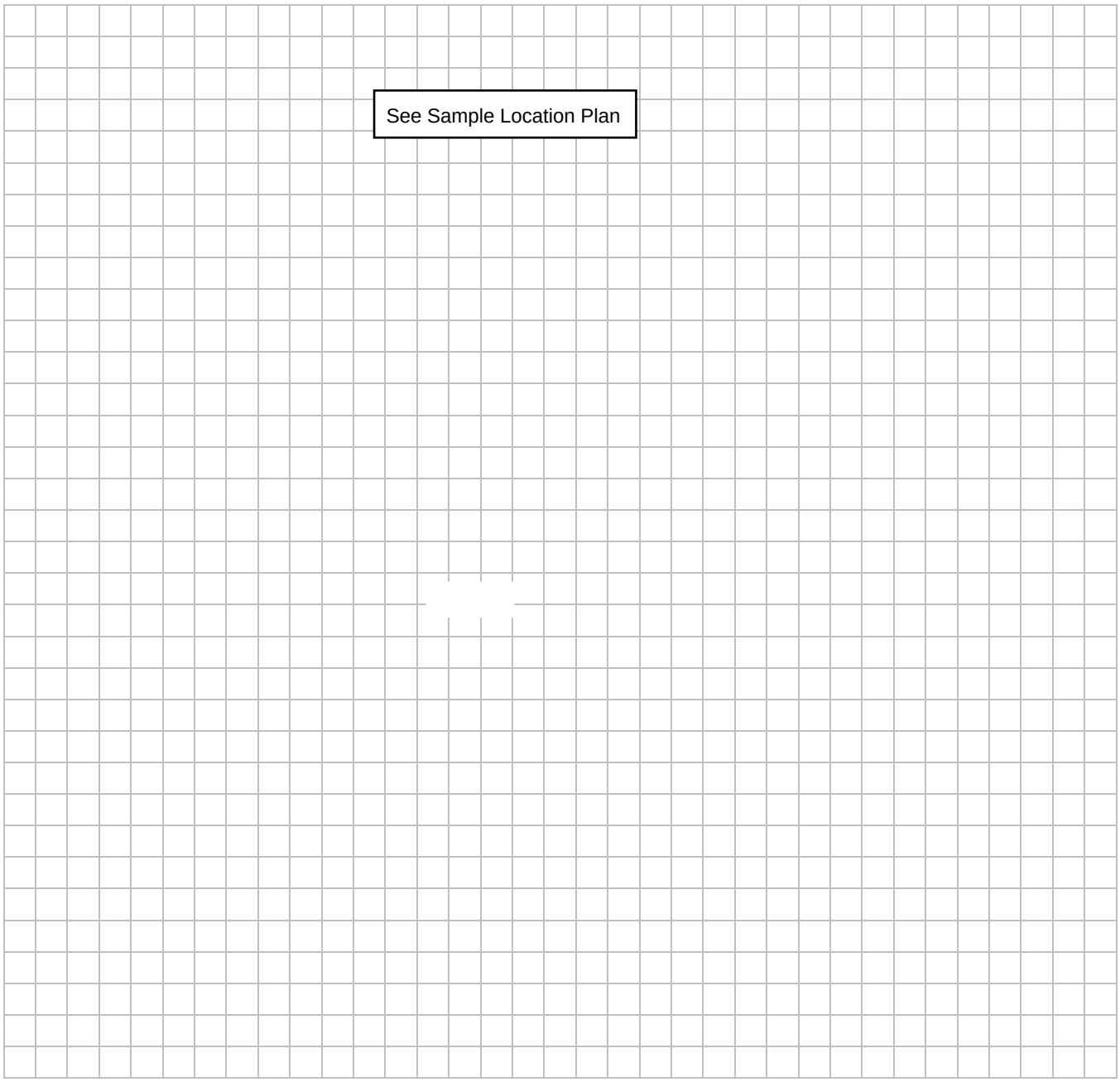

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW34D | Golden Acrylics - Paint (x30+) | 5 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, Cadmium Selenide, Calcium Carbonate, Calcium Silicate, Carbon Black, Chromium (III) Compounds, Chromium Metal, CI PY 35 (Cadmium Pigment), CI PR 108 (Cadmium Pigment), Cobalt Compounds, Copper, Crystalline Silica, Dipropylene GlycolMonobutyl Ether, Formaldehyde, Graphite (Natural), Iron Oxide, Manganese Compounds, Mica, Nickel Compounds, Propylene Glycol, Quaternary Ammonium Salt, Quinacridonequinone, Talc, Titanium Dioxide, Zinc Oxide, Zinc Sulfide, Cu Chloride, Doped | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 8 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, Cadmium Selenide, Calcium Carbonate, Calcium Silicate, Carbon Black, Chromium (III) Compounds, Chromium Metal, CI PY 35 (Cadmium Pigment), CI PR 108 (Cadmium Pigment), Cobalt Compounds, Copper, Crystalline Silica, Dipropylene GlycolMonobutyl Ether, Formaldehyde, Graphite (Natural), Iron Oxide, Manganese Compounds, Mica, Nickel Compounds, Propylene Glycol, Quaternary Ammonium Salt, Quinacridonequinone, Talc, Titanium Dioxide, Zinc Oxide, Zinc Sulfide, Cu Chloride, Doped | 0.0 | Y |
| MW34D | Golden Acrylics - Paint (x30+) | 16 oz | U | Ammonium Hydroxide, Alumina, Aluminum Oxide, Amorphous Silica, Antimony, Barium Sulfate, Barium, Bismuth Vanadium Oxide, Cadmium Sulfide, Cadmium Selenide, Calcium Carbonate, Calcium Silicate, Carbon Black, Chromium (III) Compounds, Chromium Metal, CI PY 35 (Cadmium Pigment), CI PR 108 (Cadmium Pigment), Cobalt Compounds, Copper, Crystalline Silica, Dipropylene GlycolMonobutyl Ether, Formaldehyde, Graphite (Natural), Iron Oxide, Manganese Compounds, Mica, Nickel Compounds, Propylene Glycol, Quaternary Ammonium Salt, Quinacridonequinone, Talc, Titanium Dioxide, Zinc Oxide, Zinc Sulfide, Cu Chloride, Doped | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW34D | Novus Plastic Clean & Shine - Plastic Polish (x8) | 8 oz | (x4 U) (x4 UO) | Isopropyl Alcohol, Polydimethylsiloxane, Silanol Terminated, Dimethylpolysiloxane | 0.0 | Y |
| MW34D | Windolene - Glass Cleaner (x3) | 17 oz | UO | Kerosine, Naphtha, Benzisothiazolinone | 0.0 | Y |
| MW34D | Method - Wood Polish (x1) | 14 oz | U | Glycerin, 2-methyl-2H-isothiazolin-3-one | 0.0 | Y |
| MW34D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |
| MW34D | Krylon Colormaxx - Spray Paint (x30+) | 16 oz | U | Methyl Acetate, Propane, Toluene, Butane, Lt. Aliphatic Hydrocarbon Solvent, Hexane, Xylene Mixed Isomers, 2-Methylpentane, 3-Methylpentane, 2,3-Dimethylbutane, Methyl Ethyl Ketxime, Ethylbenzene, Light Aliphatic Hydrocarbon | 0.0 | Y |
| MW34D | Goo Gone - Adhesive Remover (x1) | 16 oz | U | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW34D | Titebond - Wood Adhesive (x1) | 16 oz | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Lysol - Disinfectant Spray (x1) | 32 oz | U | Ethanol, Butane, Propane | 0.0 | Y |
| MW34D | Oxiclean- Laudry Detergent (x1) | 56 oz | U | C12-15 Ethoxylated Alcohols, Hydrogen Peroxide, Benzenesulfonic Acid, 4-dodecyl-, Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, Sodium Hydroxide | 0.0 | Y |
| MW34D | Fast Orange - Hand Cleaner (x1) | 1 gal | U | "Non-hazardous" | 0.0 | Y |
| MW34D | Clorox Bleach Foamer - Disinfectant (x1) | 30 oz | U | Sodium Hypochlorite, Sodium Hydroxide | 0.0 | Y |

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**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW34D | Meyer's Clean Day - Dish Soap (x1) | 16 oz | U | Sodium Lauryl Sulfate, Lauramine Oxide, Glycerine, Fragrance | 0.0 | Y |
| MW34D | Raw Sugar - Hand Cleaner (x1) | 16.9 oz | U | Water, Cocamidopropyl Betaine, Sodium C14-16 Olefin Sulfonate, Sodium Cocoamphoacetate, Sodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Lauryl Glucoside, Glycerin, Sodium Lauroyl Sarcosinate, Olive Fruit Oil, Meadowfoam Seed Oil, Jojoba Seed Oil, Fruit Extract, Aloe Vera Leaf Juice, Mango Kernel Butter, Cocamide Mipa, Decyl Glucoside, Polyquaternium-7, Polysorbate 20, Guar Hydroxypropyltrimonium Chloride, Peg 150 Distearate, Citric Acid, Dehydroacetic Acid, Sodium Chloride, Phenoxyethanol, Benzyl Alcohol, Fragrance Certified Organic/Cold Pressed Extracts | 0.0 | Y |
| MW34D | Devcon Epoxy Resin (x12) | 4.25 oz | U | Bisphenol A, Epichlorohydrin | 0.0 | Y |

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Preparer's Name Roswell Lo Date/Time Prepared 2/17/2024

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study

**1. OCCUPANT:**

**Interviewed: Y / N**

Last Name: Wheeler First Name: Edjo

Address: 5-25 46th Ave, Long Island City, New York

County: Queens County

Home Phone: _____ Office Phone: 917 287 3093

Number of Occupants/persons at this location 10 Age of Occupants 20-50 years

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, secuirty firm, fine/performing art

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

Infiltration through southern wall

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / (not applicable) | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

Crack in floor

_____

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | wood workshop, artist studio, creative space open to the public |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? woodshop, art studio main floor

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor, art studio and woodshop

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented?_____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

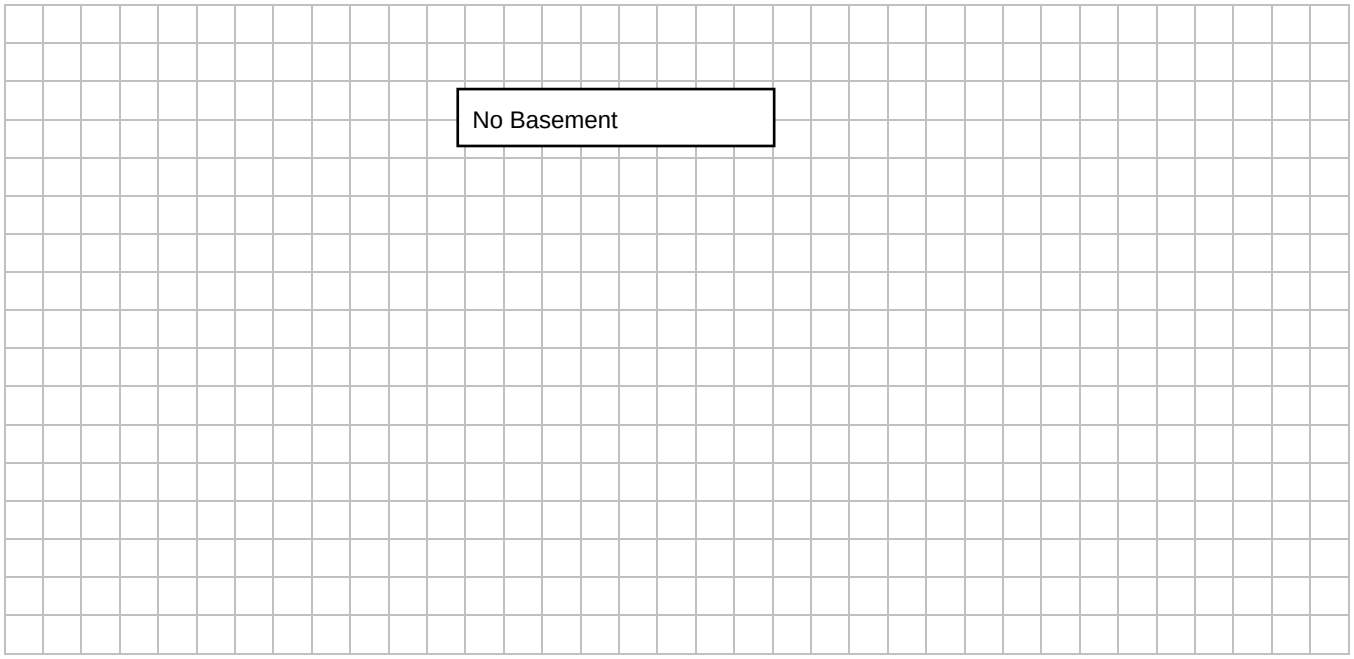
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

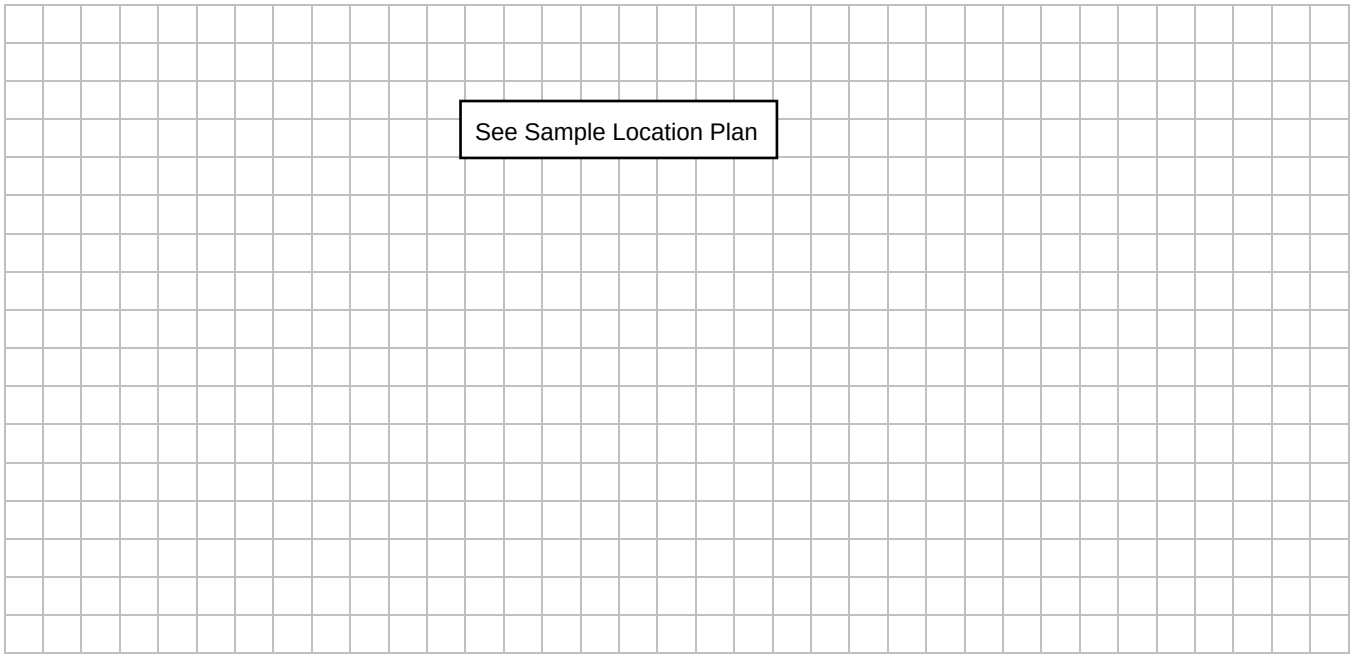
**11. FLOOR PLANS**

**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:**



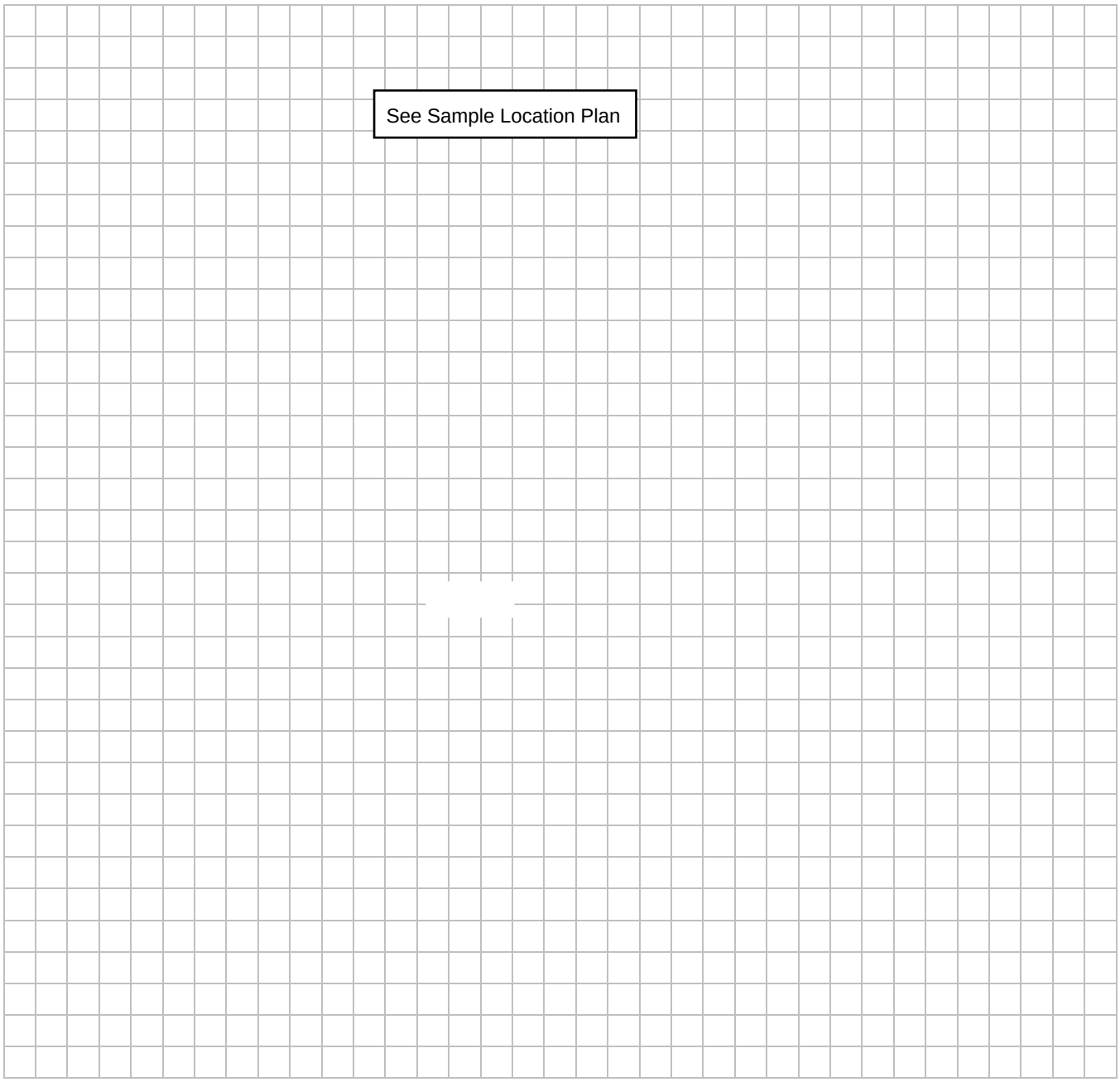

**First Floor:**



**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.**



**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 Roswell Lo Date/Time Prepared 9/21/2025, 9:30 AM

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study II

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, security firm, fine/performing art

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

NA

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / (not applicable) | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

NA

_____

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | wood workshop, creative space open to the public |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? woodshop, art studio main floor

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor, art studio and woodshop

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented?_____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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.**

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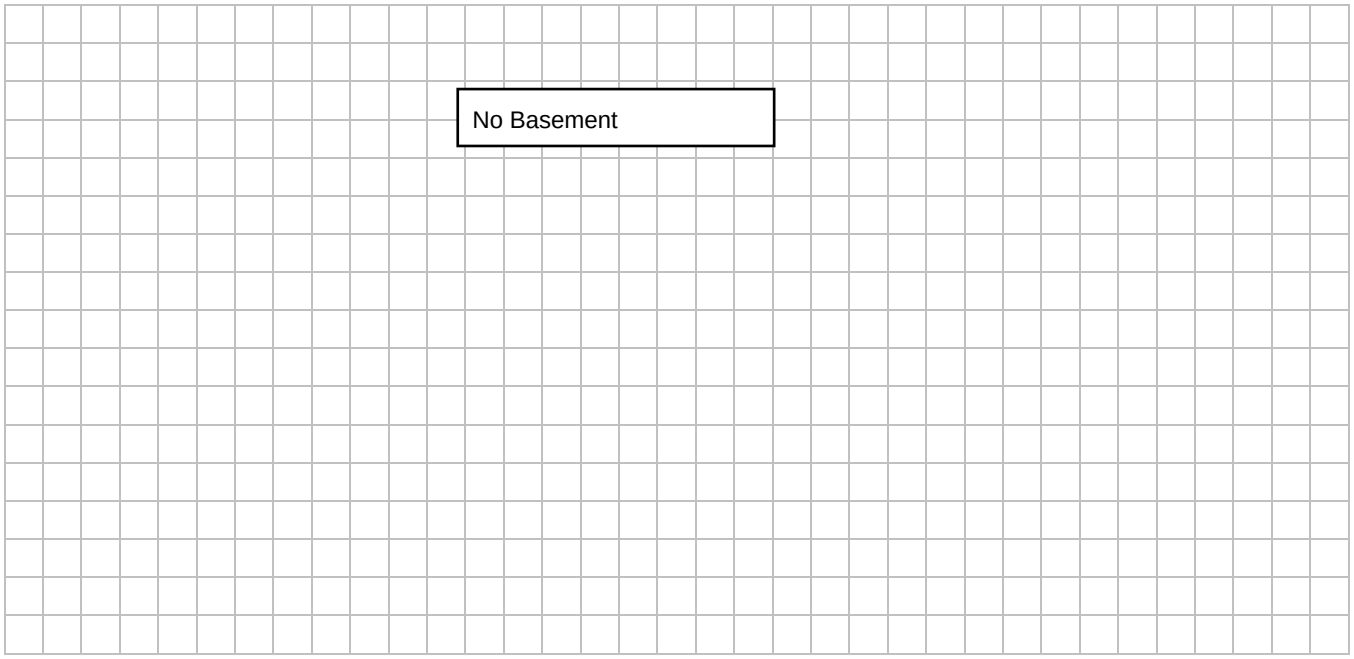


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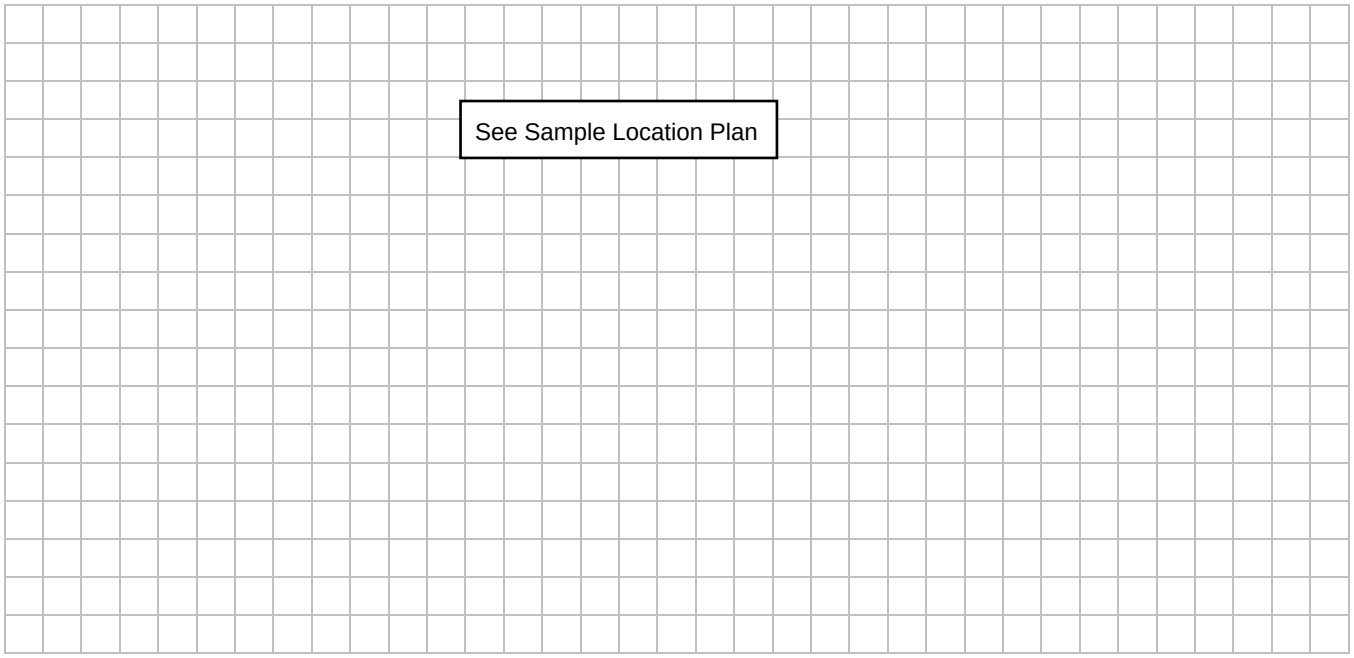

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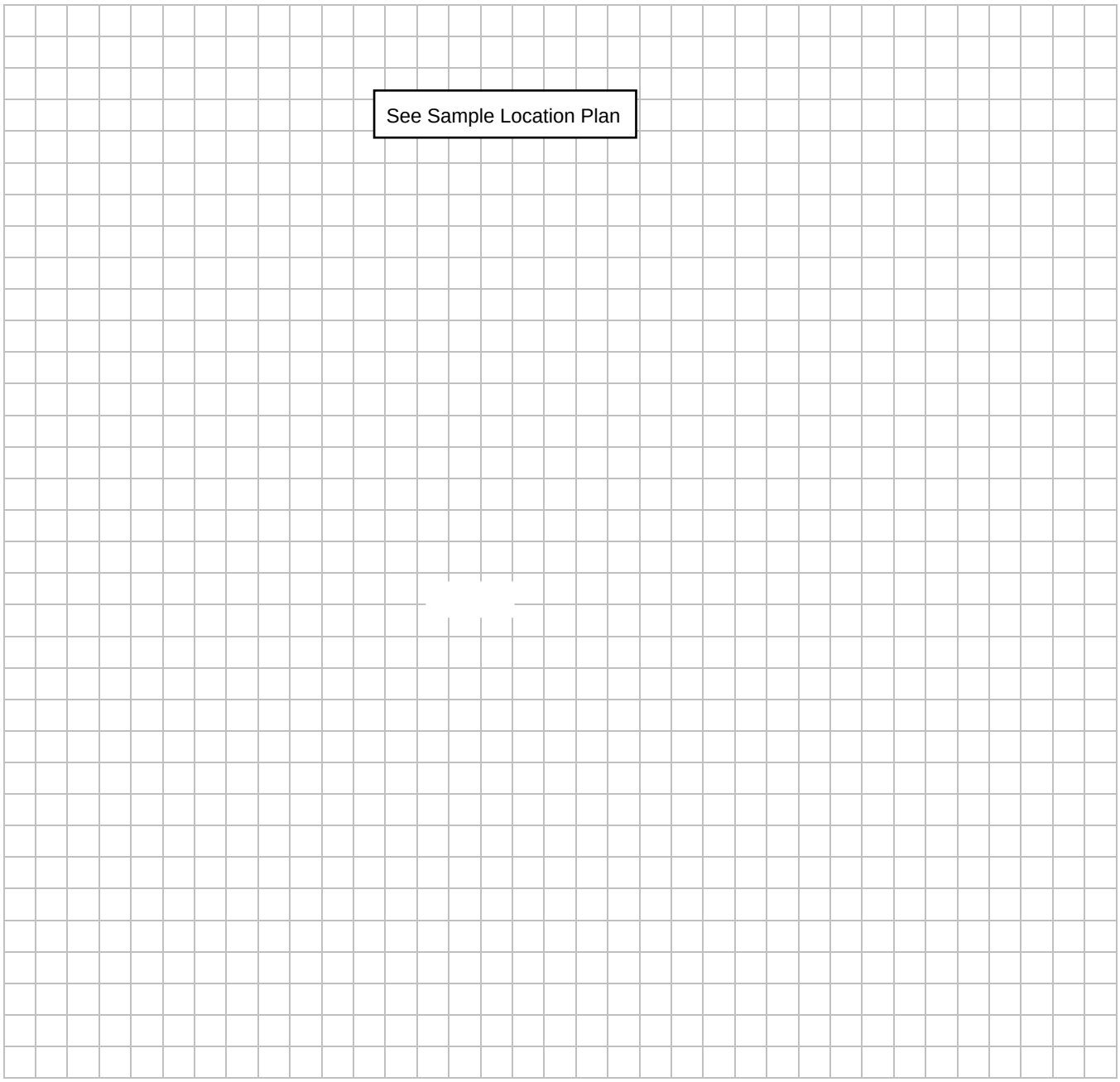

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**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
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| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, security firm, fine/performing art

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

**4. AIRFLOW**

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

Fans were placed near source (MW30D), blowing vapors outside as part of Pilot Study II

Outdoor air infiltration

Garage doors were opened as part as Pilot Study II

Infiltration into air ducts

NA

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

| | | | | |
|---|---|---|---|---|
| **a. Above grade construction:** | wood frame | (concrete) | stone | brick |
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NA

_____

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**Domestic hot water tank fueled by:** electric and natural gas

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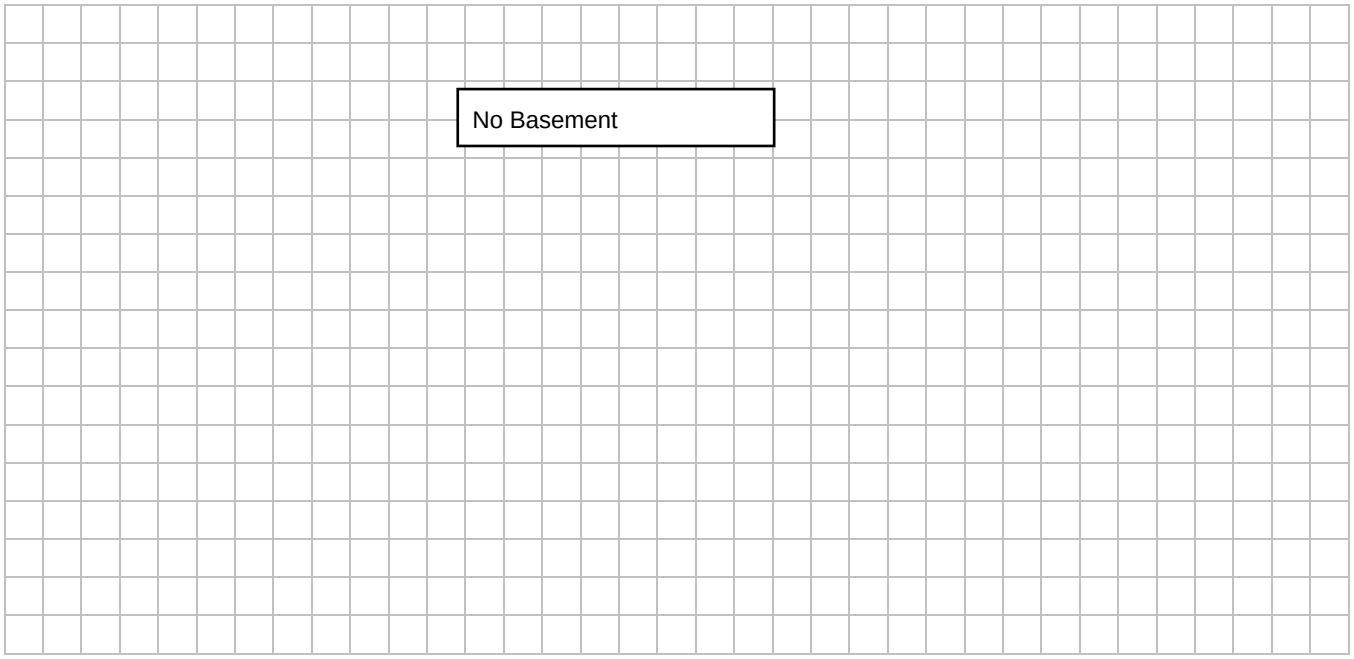


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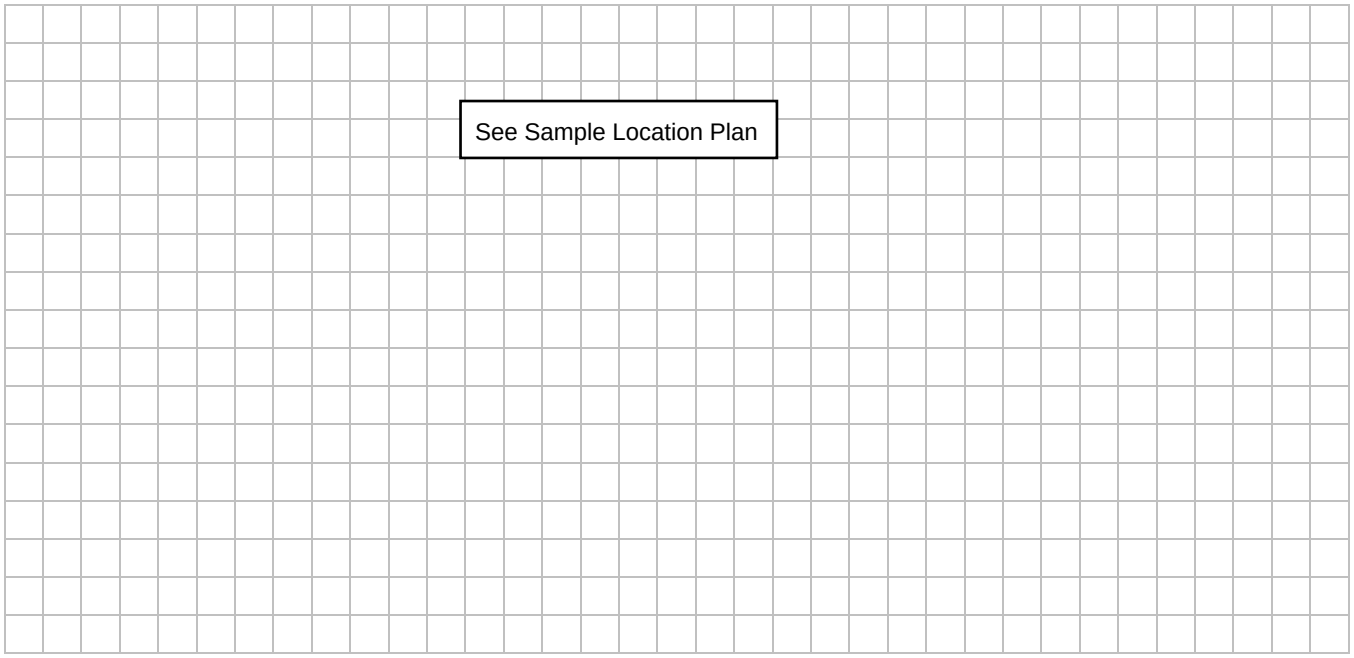

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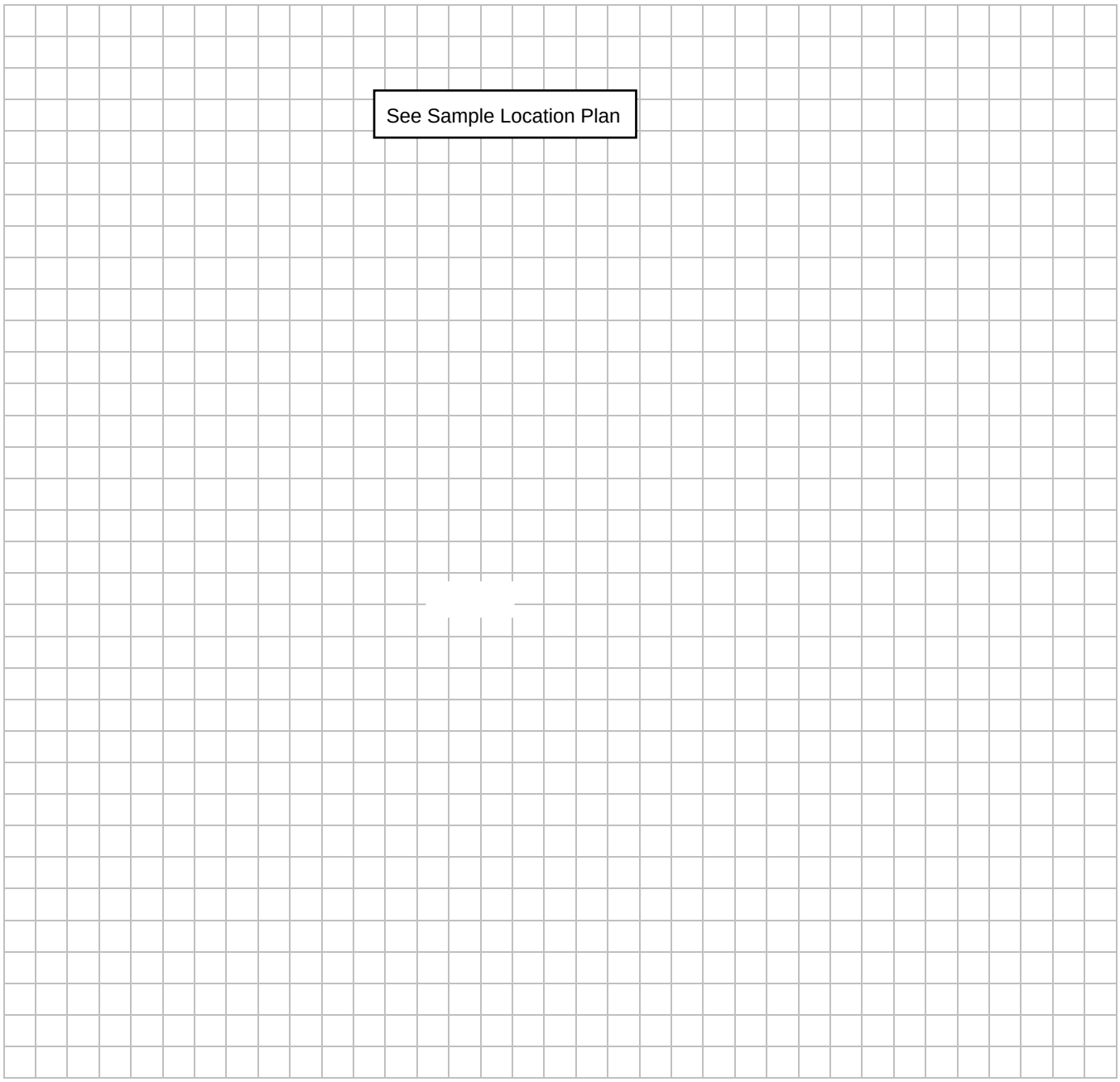
**Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.**

**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.**



**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 Roswell Lo Date/Time Prepared 9/21/2025, 9:30 AM

Preparer's Affiliation Langan Engineering Phone No. (212) 479-5400

Purpose of Investigation ABC Block 26 Pilot Study II

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

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

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) manufacturing, security firm, fine/performing art

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

NA, Single Story Structure

Airflow near source

NA

Outdoor air infiltration

NA

Infiltration into air ducts

NA

**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 NA |
| **c. Basement floor:** | concrete | dirt | stone | other NA |
| **d. Basement floor:** | uncovered | covered | covered with NA | |
| **e. Concrete floor:** | (unsealed) | sealed | sealed with _____ | |
| **f. Foundation walls:** | poured | (block) | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy (NA) |
| **i. The basement is:** | finished | unfinished | partially finished (NA) | |
| **j. Sump present?** | Y / (N) | | | |
| **k. Water in sump?** | Y / N / (not applicable) | | | |

**Basement/Lowest level depth below grade:** _____(feet)

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

NA

_____

**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:** electric and 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.**

Forced air supply ductwork There is no return to the outdoors for recirculation.

## 7. OCCUPANCY

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

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | NA |
| 1st Floor | wood workshop, creative space open to the public |
| 2nd Floor | NA |
| 3rd Floor | NA |
| 4th Floor | NA |

## 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? woodshop, art studio main floor

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

**h. Have cleaning products been used recently?** (Y) / N When & Type? weekly, disinfectants

**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? main floor, art studio and woodshop

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

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

**m. Is there a kitchen exhaust fan?** Y / (N) If yes, where vented?_____

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

**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: spray paint

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

If yes, what types of solvents are used? paint thinner, spray paint

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

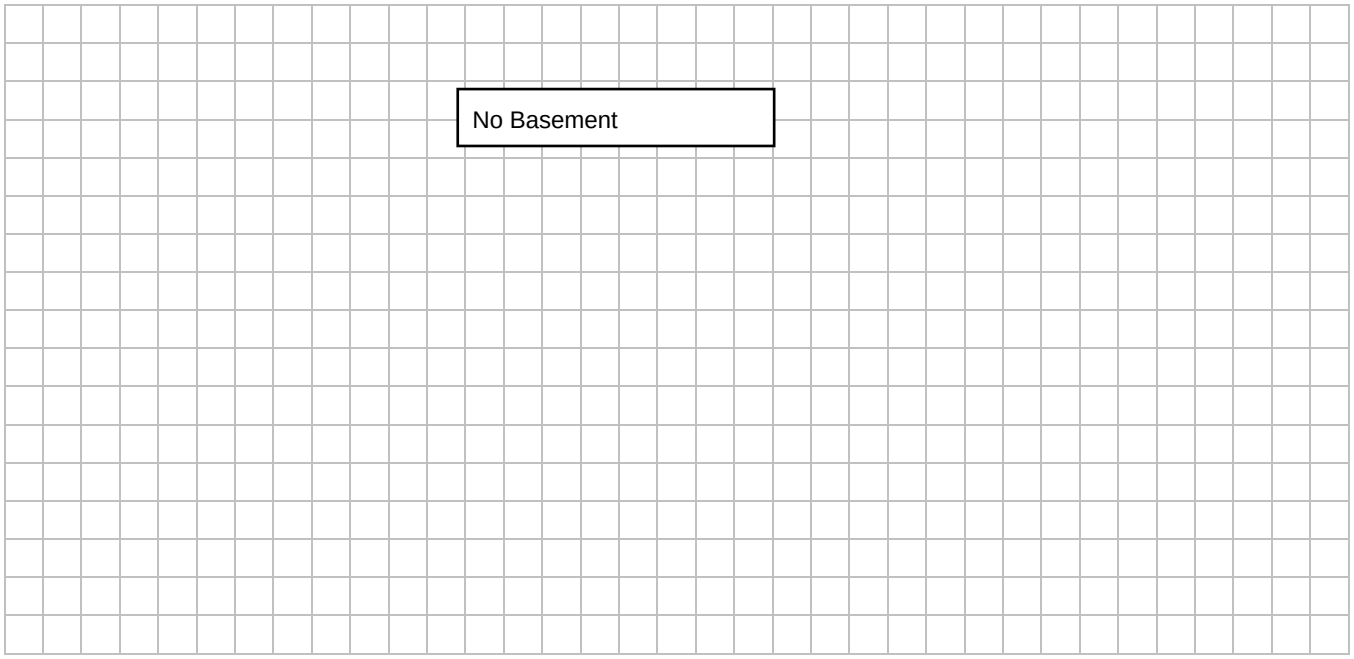
**c. Responsibility for costs associated with reimbursement explained?** Y / N

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

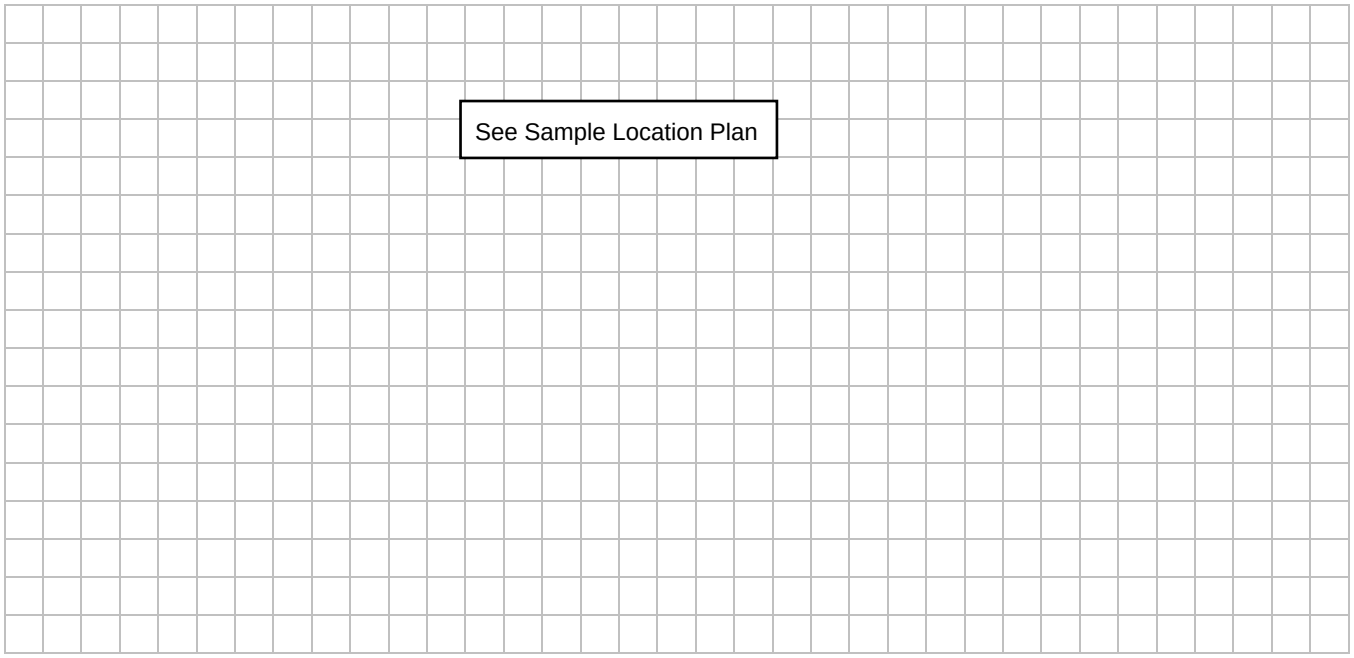
**11. FLOOR PLANS**

**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:**



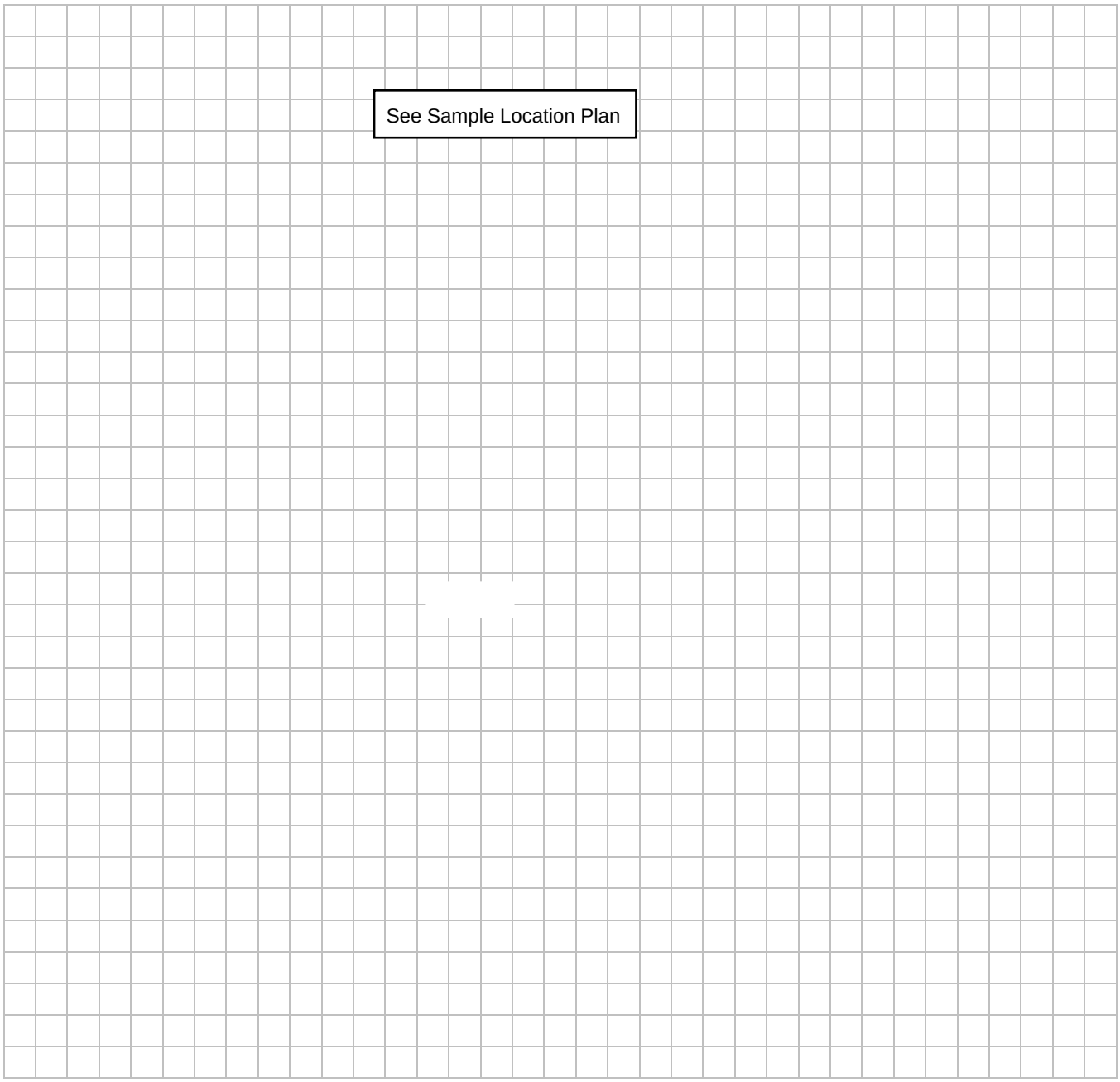

**First Floor:**



**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.**



**Pilot Study II - Baseline Event - MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26** **Langan Project No.: 170340203**
**Site Location: Long Island City, NY** **Date: 09/13/2025**
Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | KLEAN-STRIP Aircraft Paint Remover, VOC Compliant | 1 quart | O | Dichloromethane /75-09-2, Methanol /67-56-1, Ammonium Hydroxide /1336-21-6, Xylene /1330-20-7, Stoddard Solvent /8052-41-3, Ethylbenzene /100-41-4, Toluene /108-88-3 | 0.0 | Y |
| MW16D/ MW19D | Dynaflux Petroleum Based Nozzle Gel 731 | 16 oz | O | Petrolatum, white /8009-03-8 | 0.0 | Y |
| MW16D/ MW19D | Mohawk Lacquer for Brass | 13 oz | O | n-butyl acetate /123-86-4, ethyl acetate /141-78-6, Propane /74-98-6, pm acetate, n-Butane /106-97-8, butanol /71-36-3, isopropanol /67-63-0, Acetone /67-64-1, methyl ethyl ketone /78-93-3, cellulose nitrate /9004-70-0, ethanol /64-17-5, formaldehyde /50-00-0 | 0.0 | Y |
| MW16D/ MW19D | Red Devil Vinyl Spackling 0532 | 236 mL | O | Calcium Carbonate /1317-65-3, Soda lime borosilicate glass /65997-17-3, Propylene Glycol /57-55-6 | 0.0 | Y |
| MW16D/ MW19D | Mothers Mag Aluminum Polish | 5 oz | UO | Petroleum distillates, hydrotreated light /64742-47-8, Aluminum oxide /1344-28-1, Naphtha /64742-49-0, Stearic acid /57-11-4, Triethanolamine /102-71-6, Tall oil fatty acids /61790-12-3, Poly(oxy-1,2-ethanediyl), alpha-[(1,1,3,3-tetramethylbutyl)phenyl]-omega-hyd roxy /9036-19-5, Hexylene glycol /107-41-5 | 0.0 | Y |
| MW16D/ MW19D | Behr Aerosol Spray Paint and Primer - Nickel | 11 oz | UO | Acetone /67-64-1, n-Butyl acetate /123-86-4, Propane /74-98-6, Isobutane /75-28-5, Isobutyl acetate /110-19-0, Xylene /1330-20-7, 2-Methoxy-1-methylethyl acetate /108-65-6, Petroleum ether /8032-32-4, Toluene /108-88-3, 2-Butanone oxime /96-29-7 | 0.0 | Y |
| MW16D/ MW19D | KLEAN-STRIP Paint Thinner | 1 gal | O | 9-0, Stoddard Solvent /8052-41-3, Benzene /25550-14-5, 1,2,4-T | 0.0 | Y |
| MW16D/ MW19D | Minwax Wipe-On Poly Polyurethane | 473 mL | O | 2-Methoxymethylethoxypropanol /34590-94-8, Fumed Amorphous Silica /112945-52-5 | 0.0 | Y |
| MW16D/ MW19D | Clear Guard Protective Coating | 12 oz | UO | Hexanes /110-54-3, Xylene /1330-20-7, Styrene-butadiene polymer /9003-55-8 | 0.0 | Y |
| MW16D/ MW19D | Iron Out Rust Stain Remover Spray | 16 oz | O | Oxalic acid, dihydrate 6153-56-6 | 0.0 | Y |
| MW16D/ MW19D | Welding Cylinder Tank UN1956 Argon Gas Carbon Dioxide (x3) | 80 cf | UO | Carbon Dioxide /124-38-9, Argon/7440-37-1 | 0.0 | Y |
| MW16D/ MW19D | Windex Glass Cleaner | 32 oz | O | 2-butoxyethanol 111-76-2 | 0.0 | Y |
| MW16D/ MW19D | Zep Professional Spray Bottle | 32 oz | O | butoxyethanol /111-76-2, sodium xylenesulphonate /1300-72-7, S | 0.0 | Y |
| MW16D/ MW19D | Oatey 30201 Clear Thread Cutting Oil | 16 oz | O | Petroleum Hydrocarbon Mixture | 0.0 | Y |
| MW16D/ MW19D | BioFlo 32/46 Food Grade Hydraulic Oil | 1 gal | O | Canola /120962 | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Baseline Event - MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | Castrol - 10W-30 Advanced Full Synthetic Motor Oil | 5 quartz | UO | Distillates (petroleum), hydrotreated heavy paraffinic, Base oil - highly refined | 0.0 | Y |
| MW16D/ MW19D | Autozone Brake Fluid Dot 4 | 32 oz | UO | Triethyleneglycol Monoethyl Ether, Butyl Triglycolether, Triethylene Glycol Monomethyl Ether, Diethylene Glycol, Methoxypolyethyleneglycols, Poly(oxy-1,2-ethanediyl), alpha-butyl-omega-hydroxy-, Polyethylene Glyco, 2-(2-Butoxyethoxy) Ethanol, Triethyleneglyco, Diethyleneglycolmonoethyl Ether, {Diisopropanolamine (110=97-4)} | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Protective Enamel (x2) | 32 oz. | UO | Hydrotreated Light Distillate, Titanium Dioxide , Titanium Dioxide, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene, Naphtha, Hydrotreated Heavy, Cobalt 2-Ethylhexanoate, Zirconium Acetate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Bright Coat Metallic Finish | 11 oz. | UO | Propane, Toluene, Naphtha, Petroleum, Hydrotreated Light, n-Butane, Dimethyl Carbonate, Copper Compound, Hydrotreated Light Distillate, n-Heptane, Octane | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Satin Protective Enamel (x4) | 12 oz. | UO | Acetone, Propane, n-Butyl Acetate, Hydrotreated Light Distillate, n-Butane, Titanium Dioxide, Hydrous Magnesium Silicate, Dimethyl Carbonate, Barium Sulfate, Titanium Dioxide, Xylenes (o-, m-, p- Isomers), Naphtha, Petroleum, Hydrotreated Light, Solvent Naphtha, Light Aromatic , 1,2,4-Trimethylbenzene, Propylene Glycol Monobutyl Ether, Ethylbenzene, Carbon Black, Kaolin Clay, Stoddard Solvent, bis(1,2,2,6,6-Pentamethyl-4-Piperidinyl) Sebacate, Octane, n-Heptane, Distillates (Petroleum), Hydrodesulfurized Middle, Methyl Ethyl Ketoxime, Cobalt 2-Ethylhexanoate | 0.0 | Y |
| MW16D/ MW19D | Behr Textured Matte Paint + Primer | 12 oz. | UO | Acetone, Propane, n-Butyl acetate, Isobutane, 2-Methoxy-1-methylethyl acetate, Methyl ethyl ketone, Naphtha (petroleum), hydrotreated heavy, 2-Butanone oxime, 2-ethylhexanoic Acid, Zirconium Salt, Cobalt neodecanoate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Flat Protective Enamel | 12 oz. | UO | Hydrotreated Light Distillate, Propane, Acetone, Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Ethylbenzene, Solvent Naphtha, Light Aromatic, Carbon Black | 0.0 | Y |
| MW16D/ MW19D | Indicating Silica Gel | 8 lbs | UO | | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26** **Langan Project No.: 170340203**
**Site Location: Long Island City, NY** **Date: 09/20/2025**
Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | KLEAN-STRIP Aircraft Paint Remover, VOC Compliant | 1 quart | O | Dichloromethane /75-09-2, Methanol /67-56-1, Ammonium Hydroxide /1336-21-6, Xylene /1330-20-7, Stoddard Solvent /8052-41-3, Ethylbenzene /100-41-4, Toluene /108-88-3 | 0.0 | Y |
| MW16D/ MW19D | Dynaflux Petroleum Based Nozzle Gel 731 | 16 oz | O | Petrolatum, white /8009-03-8 | 0.0 | Y |
| MW16D/ MW19D | Mohawk Lacquer for Brass | 13 oz | O | n-butyl acetate /123-86-4, ethyl acetate /141-78-6, Propane /74-98-6, pm acetate, n-Butane /106-97-8, butanol /71-36-3, isopropanol /67-63-0, Acetone /67-64-1, methyl ethyl ketone /78-93-3, cellulose nitrate /9004-70-0, ethanol /64-17-5, formaldehyde /50-00-0 | 0.0 | Y |
| MW16D/ MW19D | Red Devil Vinyl Spackling 0532 | 236 mL | O | Calcium Carbonate /1317-65-3, Soda lime borosilicate glass /65997-17-3, Propylene Glycol /57-55-6 | 0.0 | Y |
| MW16D/ MW19D | Mothers Mag Aluminum Polish | 5 oz | UO | Petroleum distillates, hydrotreated light /64742-47-8, Aluminum oxide /1344-28-1, Naphtha /64742-49-0, Stearic acid /57-11-4, Triethanolamine /102-71-6, Tall oil fatty acids /61790-12-3, Poly(oxy-1,2-ethanediyl), alpha-[(1,1,3,3-tetramethylbutyl)phenyl]-omega-hyd roxy /9036-19-5, Hexylene glycol /107-41-5 | 0.0 | Y |
| MW16D/ MW19D | Behr Aerosol Spray Paint and Primer - Nickel | 11 oz | UO | Acetone /67-64-1, n-Butyl acetate /123-86-4, Propane /74-98-6, Isobutane /75-28-5, Isobutyl acetate /110-19-0, Xylene /1330-20-7, 2-Methoxy-1-methylethyl acetate /108-65-6, Petroleum ether /8032-32-4, Toluene /108-88-3, 2-Butanone oxime /96-29-7 | 0.0 | Y |
| MW16D/ MW19D | KLEAN-STRIP Paint Thinner | 1 gal | O | 9-0, Stoddard Solvent /8052-41-3, Benzene /25550-14-5, 1,2,4-T | 0.0 | Y |
| MW16D/ MW19D | Minwax Wipe-On Poly Polyurethane | 473 mL | O | 2-Methoxymethylethoxypropanol /34590-94-8, Fumed Amorphous Silica /112945-52-5 | 0.0 | Y |
| MW16D/ MW19D | Clear Guard Protective Coating | 12 oz | UO | Hexanes /110-54-3, Xylene /1330-20-7, Styrene-butadiene polymer /9003-55-8 | 0.0 | Y |
| MW16D/ MW19D | Iron Out Rust Stain Remover Spray | 16 oz | O | Oxalic acid, dihydrate 6153-56-6 | 0.0 | Y |
| MW16D/ MW19D | Welding Cylinder Tank UN1956 Argon Gas Carbon Dioxide (x3) | 80 cf | UO | Carbon Dioxide /124-38-9, Argon/7440-37-1 | 0.0 | Y |
| MW16D/ MW19D | Windex Glass Cleaner | 32 oz | O | 2-butoxyethanol 111-76-2 | 0.0 | Y |
| MW16D/ MW19D | Zep Professional Spray Bottle | 32 oz | O | butoxyethanol /111-76-2, sodium xylenesulphonate /1300-72-7, S | 0.0 | Y |
| MW16D/ MW19D | Oatey 30201 Clear Thread Cutting Oil | 16 oz | O | Petroleum Hydrocarbon Mixture | 0.0 | Y |
| MW16D/ MW19D | BioFlo 32/46 Food Grade Hydraulic Oil | 1 gal | O | Canola /120962 | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | Castrol - 10W-30 Advanced Full Synthetic Motor Oil | 5 quartz | UO | Distillates (petroleum), hydrotreated heavy paraffinic, Base oil - highly refined | 0.0 | Y |
| MW16D/ MW19D | Autozone Brake Fluid Dot 4 | 32 oz | UO | Triethyleneglycol Monoethyl Ether, Butyl Triglycolether, Triethylene Glycol Monomethyl Ether, Diethylene Glycol, Methoxypolyethyleneglycols, Poly(oxy-1,2-ethanediyl), alpha-butyl-omega-hydroxy-, Polyethylene Glyco, 2-(2-Butoxyethoxy) Ethanol, Triethyleneglyco, Diethyleneglycolmonoethyl Ether, {Diisopropanolamine (110=97-4)} | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Protective Enamel (x2) | 32 oz. | UO | Hydrotreated Light Distillate, Titanium Dioxide , Titanium Dioxide, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene, Naphtha, Hydrotreated Heavy, Cobalt 2-Ethylhexanoate, Zirconium Acetate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Bright Coat Metallic Finish | 11 oz. | UO | Propane, Toluene, Naphtha, Petroleum, Hydrotreated Light, n-Butane, Dimethyl Carbonate, Copper Compound, Hydrotreated Light Distillate, n-Heptane, Octane | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Satin Protective Enamel (x4) | 12 oz. | UO | Acetone, Propane, n-Butyl Acetate, Hydrotreated Light Distillate, n-Butane, Titanium Dioxide, Hydrous Magnesium Silicate, Dimethyl Carbonate, Barium Sulfate, Titanium Dioxide, Xylenes (o-, m-, p- Isomers), Naphtha, Petroleum, Hydrotreated Light, Solvent Naphtha, Light Aromatic , 1,2,4-Trimethylbenzene, Propylene Glycol Monobutyl Ether, Ethylbenzene, Carbon Black, Kaolin Clay, Stoddard Solvent, bis(1,2,2,6,6-Pentamethyl-4-Piperidinyl) Sebacate, Octane, n-Heptane, Distillates (Petroleum), Hydrodesulfurized Middle, Methyl Ethyl Ketoxime, Cobalt 2-Ethylhexanoate | 0.0 | Y |
| MW16D/ MW19D | Behr Textured Matte Paint + Primer | 12 oz. | UO | Acetone, Propane, n-Butyl acetate, Isobutane, 2-Methoxy-1-methylethyl acetate, Methyl ethyl ketone, Naphtha (petroleum), hydrotreated heavy, 2-Butanone oxime, 2-ethylhexanoic Acid, Zirconium Salt, Cobalt neodecanoate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Flat Protective Enamel | 12 oz. | UO | Hydrotreated Light Distillate, Propane, Acetone, Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Ethylbenzene, Solvent Naphtha, Light Aromatic, Carbon Black | 0.0 | Y |
| MW16D/ MW19D | Indicating Silica Gel | 8 lbs | UO | | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event- MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26** **Langan Project No.: 170340203**
**Site Location: Long Island City, NY** **Date: 09/21/2025**
Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | KLEAN-STRIP Aircraft Paint Remover, VOC Compliant | 1 quart | O | Dichloromethane /75-09-2, Methanol /67-56-1, Ammonium Hydroxide /1336-21-6, Xylene /1330-20-7, Stoddard Solvent /8052-41-3, Ethylbenzene /100-41-4, Toluene /108-88-3 | 0.0 | Y |
| MW16D/ MW19D | Dynaflux Petroleum Based Nozzle Gel 731 | 16 oz | O | Petrolatum, white /8009-03-8 | 0.0 | Y |
| MW16D/ MW19D | Mohawk Lacquer for Brass | 13 oz | O | n-butyl acetate /123-86-4, ethyl acetate /141-78-6, Propane /74-98-6, pm acetate, n-Butane /106-97-8, butanol /71-36-3, isopropanol /67-63-0, Acetone /67-64-1, methyl ethyl ketone /78-93-3, cellulose nitrate /9004-70-0, ethanol /64-17-5, formaldehyde /50-00-0 | 0.0 | Y |
| MW16D/ MW19D | Red Devil Vinyl Spackling 0532 | 236 mL | O | Calcium Carbonate /1317-65-3, Soda lime borosilicate glass /65997-17-3, Propylene Glycol /57-55-6 | 0.0 | Y |
| MW16D/ MW19D | Mothers Mag Aluminum Polish | 5 oz | UO | Petroleum distillates, hydrotreated light /64742-47-8, Aluminum oxide /1344-28-1, Naphtha /64742-49-0, Stearic acid /57-11-4, Triethanolamine /102-71-6, Tall oil fatty acids /61790-12-3, Poly(oxy-1,2-ethanediyl), alpha-[(1,1,3,3-tetramethylbutyl)phenyl]-omega-hyd roxy /9036-19-5, Hexylene glycol /107-41-5 | 0.0 | Y |
| MW16D/ MW19D | Behr Aerosol Spray Paint and Primer - Nickel | 11 oz | UO | Acetone /67-64-1, n-Butyl acetate /123-86-4, Propane /74-98-6, Isobutane /75-28-5, Isobutyl acetate /110-19-0, Xylene /1330-20-7, 2-Methoxy-1-methylethyl acetate /108-65-6, Petroleum ether /8032-32-4, Toluene /108-88-3, 2-Butanone oxime /96-29-7 | 0.0 | Y |
| MW16D/ MW19D | KLEAN-STRIP Paint Thinner | 1 gal | O | 9-0, Stoddard Solvent /8052-41-3, Benzene /25550-14-5, 1,2,4-T | 0.0 | Y |
| MW16D/ MW19D | Minwax Wipe-On Poly Polyurethane | 473 mL | O | 2-Methoxymethylethoxypropanol /34590-94-8, Fumed Amorphous Silica /112945-52-5 | 0.0 | Y |
| MW16D/ MW19D | Clear Guard Protective Coating | 12 oz | UO | Hexanes /110-54-3, Xylene /1330-20-7, Styrene-butadiene polymer /9003-55-8 | 0.0 | Y |
| MW16D/ MW19D | Iron Out Rust Stain Remover Spray | 16 oz | O | Oxalic acid, dihydrate 6153-56-6 | 0.0 | Y |
| MW16D/ MW19D | Welding Cylinder Tank UN1956 Argon Gas Carbon Dioxide (x3) | 80 cf | UO | Carbon Dioxide /124-38-9, Argon/7440-37-1 | 0.0 | Y |
| MW16D/ MW19D | Windex Glass Cleaner | 32 oz | O | 2-butoxyethanol 111-76-2 | 0.0 | Y |
| MW16D/ MW19D | Zep Professional Spray Bottle | 32 oz | O | butoxyethanol /111-76-2, sodium xylenesulphonate /1300-72-7, S | 0.0 | Y |
| MW16D/ MW19D | Oatey 30201 Clear Thread Cutting Oil | 16 oz | O | Petroleum Hydrocarbon Mixture | 0.0 | Y |
| MW16D/ MW19D | BioFlo 32/46 Food Grade Hydraulic Oil | 1 gal | O | Canola /120962 | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event- MW16D19D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW16D/ MW19D | Castrol - 10W-30 Advanced Full Synthetic Motor Oil | 5 quartz | UO | Distillates (petroleum), hydrotreated heavy paraffinic, Base oil - highly refined | 0.0 | Y |
| MW16D/ MW19D | Autozone Brake Fluid Dot 4 | 32 oz | UO | Triethyleneglycol Monoethyl Ether, Butyl Triglycolether, Triethylene Glycol Monomethyl Ether, Diethylene Glycol, Methoxypolyethyleneglycols, Poly(oxy-1,2-ethanediyl), alpha-butyl-omega-hydroxy-, Polyethylene Glyco, 2-(2-Butoxyethoxy) Ethanol, Triethyleneglyco, Diethyleneglycolmonoethyl Ether, {Diisopropanolamine (110=97-4)} | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Protective Enamel (x2) | 32 oz. | UO | Hydrotreated Light Distillate, Titanium Dioxide , Titanium Dioxide, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene, Naphtha, Hydrotreated Heavy, Cobalt 2-Ethylhexanoate, Zirconium Acetate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Bright Coat Metallic Finish | 11 oz. | UO | Propane, Toluene, Naphtha, Petroleum, Hydrotreated Light, n-Butane, Dimethyl Carbonate, Copper Compound, Hydrotreated Light Distillate, n-Heptane, Octane | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Satin Protective Enamel (x4) | 12 oz. | UO | Acetone, Propane, n-Butyl Acetate, Hydrotreated Light Distillate, n-Butane, Titanium Dioxide, Hydrous Magnesium Silicate, Dimethyl Carbonate, Barium Sulfate, Titanium Dioxide, Xylenes (o-, m-, p- Isomers), Naphtha, Petroleum, Hydrotreated Light, Solvent Naphtha, Light Aromatic , 1,2,4-Trimethylbenzene, Propylene Glycol Monobutyl Ether, Ethylbenzene, Carbon Black, Kaolin Clay, Stoddard Solvent, bis(1,2,2,6,6-Pentamethyl-4-Piperidinyl) Sebacate, Octane, n-Heptane, Distillates (Petroleum), Hydrodesulfurized Middle, Methyl Ethyl Ketoxime, Cobalt 2-Ethylhexanoate | 0.0 | Y |
| MW16D/ MW19D | Behr Textured Matte Paint + Primer | 12 oz. | UO | Acetone, Propane, n-Butyl acetate, Isobutane, 2-Methoxy-1-methylethyl acetate, Methyl ethyl ketone, Naphtha (petroleum), hydrotreated heavy, 2-Butanone oxime, 2-ethylhexanoic Acid, Zirconium Salt, Cobalt neodecanoate | 0.0 | Y |
| MW16D/ MW19D | Rust-Oleum Flat Protective Enamel | 12 oz. | UO | Hydrotreated Light Distillate, Propane, Acetone, Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Ethylbenzene, Solvent Naphtha, Light Aromatic, Carbon Black | 0.0 | Y |
| MW16D/ MW19D | Indicating Silica Gel | 8 lbs | UO | | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Baseline Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26**
**Site Location: Long Island City, NY**
Make and model of field instrument used: MiniRAE 3000

**Langan Project No.: 170340203**
**Date: 09/13/2025**

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW30D | Castrol EDGE High Mileage 10W-30 Advanced Full Synthetic Motor Oil | 5 qts | UO | Highly refined base oil (IP 346 DMSO extract < 3%) | 0.0 | Y |
| MW30D | Heavy Duty 4 ton Hydraulic Bottle Jack | | | | 0.0 | Y |
| MW30D | Maxima Racing - DOT 4 Brake Fluid (x2) | 500 mL | UO | Triethylene Glycol Monomethyl Ether, Borate Ester , Monoethanolamine | 0.0 | Y |
| MW30D | Xtreme Cut 251C- Cutting and Grinding Fluid (x1) | 1 gal | UO | Distillates, (petroleum), hydrotreated heavy naphthenic, 2-(2-Aminoethoxy)ethanol , 2,2'-(Octylimino)bisethanol, Amine neutralized carboxylic acid ,Diisopropanolamine, 3-Iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Distilled Water (x2) | 1 gal | UO | | 0.0 | Y |
| MW30D | Kool Mist - Mist Spray Coolant (x1) | 1 gal | UO | Water, Triethanolamine (TEA), and a Poly(ethylene glycol-ran-propylene glycol) monobutyl ether | 0.0 | Y |
| MW30D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | UO | Isopropyl Alcohol | 0.0 | Y |
| MW30D | Tormach - Waylube Oil 68 (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated heavy naphthenic | 0.0 | Y |
| MW30D | CRC Brakleen Brake Parts Cleaner 05089 | 14 oz | UO | acetone, carbon dioxide, toluene | 0.0 | Y |
| MW30D | Physicians Care - Eyewash (x1) | 32 oz | UO | Purified water, 98.3% Ophthalmic Solution Eyewash | 0.0 | Y |
| MW30D | Blaster - Silicone Lubricant Spray (x2) | 11 oz | UO | Alkanes, Petroleum Distillates, Hydrotrated Light, Carbon Dioxide | 0.0 | Y |
| MW30D | WD-40 - Lubricant (x5) | 11 oz | UO | LVP Aliphatic Hydrocarbon, Petroleum Base Oil, Carbon Dioxide | 0.0 | Y |
| MW30D | CRC Belt Conditioner 05350 | 7.5 oz | UO | liquefied petroleum gas, naphtha (petroleum), hydrotreated light, n-heptane,3-methylhexane, methylcyclohexane ,polyisobutylene, 2-methylhexane ,2,3-dimethylpentane 3-ethylpentane ,3,3-dimethylpentane | 0.0 | Y |
| MW30D | Bernzomatic - Propane Hand Torch Cylinder (1x) | 14.1 oz | UO | Propane, propylene, ethane, butane, ethylmercaptan | 0.0 | Y |
| MW30D | 3 in 1Multi Purpose Oil - Non-Aerosol Lubrucant (x1) | 4 oz | UO | Severely Hydrotreated Heavy Naphthenic Oil (contains <3% DMSO), Naphtha, petroleum (contains <3% DMSO) | 0.0 | Y |
| MW30D | JASCO - Premium Paint & Epoxy Remover (x2) | 1 gal | O | Dichloromethane (Methylene chloride; R-30; Freon 30), Methanol (Methyl alcohol; Carbinol; Wood alcohol), Stoddard solvent (Mineral spirits; Aliphatic Petroleum Distillates; White spirits) | 0.0 | Y |
| MW30D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Baseline Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Rust Oleum - Protective Enamel Flat Black Spray Paint (x4) | 12 oz | UO | Propane, Hydrotreated Light Distillate, Acetone , Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Carbon Black , Ethylbenzene, Stoddard Solvent, Solvent Naphtha, Light Aromatic, Distillates (Petroleum), Hydrodesulfurized Middle | 0.0 | Y |
| MW30D | Watco Wipe-on Poly - Polyurethane Finish (x2) | 32 oz | UO | Stoddard Solvent , Hydrotreated Light Distillate, Amorphous Precipitated Silica, Zirconium 2-Ethylhexanoate, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene | 0.0 | Y |
| MW30D | Permalac - Clearcoat Lacquer | 1 gal | UO | Toluene /108-88-3, Acrylic Resin, n-Butyl Acetate /123-86-4, Methanol /67-56-1, Fuller's Earth /8031-18-3 | 0.0 | Y |
| MW30D | Weiner - Stainless Steel Cleaner & Polish Aerosol | 12 oz | UO | White mineral oil, petroleum | 0.0 | Y |
| MW30D | Rust Oleum - Truck Bed Coating Spray | 12 oz | UO | Acetone, Propane, Naphtha, n-Butane, Xylenes (o-, m-, p- Isomers), Dimethyl Carbonate , Polyethylene , Ethylbenzene, Carbon Black, Zirconium 2-Ethylhexanoate , Methyl Ethyl Ketoxime, Amorphous Fumed Silica, Cobalt 2-Ethylhexanoate, 1H-Indene, 2,3-dihydro- | 0.0 | Y |
| MW30D | Sunny Side - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Parachlorobenzotrifluoride , 2-Butoxyethanol | 0.0 | Y |
| MW30D | Spray Max - 2K Clear Glamour (x1) | 12 oz | UO | dimethyl ether, acetone, n-butyl acetate, Aliphatisches Polyisocyanat, xylene, Solvent naphtha (petroleum), light arom. benzene < 0,1 %, 2-methoxy-1-methylethyl acetate, 2-butoxyethyl acetate, 1,2,4-trimethylbenzene, mesitylene | 0.0 | Y |
| MW30D | 3M™ Foam Fast 74 Spray Adhesive Aerosol (x1) | 16.9 oz | UO | Acetone, Dimethyl Ether, Isobutane, Terpene polymer, Non-hazardous components, Pentane, Methyl acetate, Cyclohexane, Petroleum naphtha, Toluene, Methylene Chloride | 0.0 | Y |
| MW30D | Iron Out - Ruse Remover (x1) | 24 oz | UO | Oxalic acid, dihydrate | 0.0 | Y |
| MW30D | Rust Aid - Rust Remover (x1) | 8 oz | UO | Hydrochloric acid, Amines | 0.0 | Y |
| MW30D | Windex Glass Cleaner (x1) | 24 oz | UO | 2-butoxyethanol | 0.0 | Y |
| MW30D | Dyna Flux Nozzle Gel (x1) | 16 oz | UO | Petrolatum, white | 0.0 | Y |
| MW30D | Morris G30200 Pint Light Cutting Oil (x1) | 16 oz | UO | Distillates (petroleum), hydrotreated heavy naphthenic , Distillates (petroleum), hydrotreated heavy paraffinic | 0.0 | Y |
| MW30D | Spartan - Non-Acid Disinfectant Bathroom Cleaner (x1) | 32 oz | UO | Alcohol ethoxylate, Dialkyl dimethyl ammonium, chloride, Alkyl dimethyl benzyl ammonium, chloride | 0.0 | Y |
| MW30D | Shield AW32 - Hydraulic Oil (x1) | 5 gal | UO | distillates (petroleum), solvent-dewaxed heavy paraffinic , distillates (petroleum), hydrotreated heavy paraffinic, Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | 0.0 | Y |
| MW30D | Pico Quench Guard - Plasma Table Fluid (x2) | 5 gal | UO | Alkanolamine | 0.0 | Y |
| MW30D | Wiseorb -Indicating Silica Gel (x2) | | O | Silica gel, cobat dichloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Baseline Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | ProMar 200 Zero VOC Interior Latex (x1) | 5 gal | UO | Octylphenoxypoly(ethoxy)ethanol , 3-iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Latex-ite - Ice and Snow Melt (x2) | 30 lbs | UO | Sodium Chloride, Calcium Chloride, Magnesium Chloride,CMA | 0.0 | Y |
| MW30D | STP Pro Formula Conventional Engine Oil 5W-30 (x1) | 5 Quart | UO | Petroleum distillates, hydrotreated heavy paraffinic, Petroleum distillates, hydrotreated light paraffinic, Petroleum distillates, solvent dewaxed heavy paraffinic | 0.0 | Y |
| MW30D | Nature's Miracle Stain and Odor Remover Foam Aerosol (x1) | 17.5 | UO | Isopropyl Alcohol, 5-Chloro-2-Methyl-4-Isothiazolin-3-one | 0.0 | Y |
| MW30D | Briggs & Stratton Fuel Can (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated light, Cresol, Butylated Hydroxytoluene , Mixture of isomers of trimethylbenzene, Polyolefin alkyl phenol alkyl amine, Methanol, Xylene, Ethylbenzene , n-propylbenzene , 2-ethyl hexanol , Cumene | 0.0 | Y |
| MW30D | Fitz Tactical Matte Finish Cleanser (x1) | 16 oz | UO | Proprietary Surfactant blend, 2-Butoxyethanol | 0.0 | Y |
| MW30D | Prestone - Antifreeze Coolant (x2) | 32 oz | UO | Ethylene Glycol 2-Ethyl Hexanoic Acid, Neodecanoic Acid, Diethylene Glycol | 0.0 | Y |
| MW30D | Rain-X Glass Water Repellent (x2) | 16 oz | UO | Ethanol, acetone, isoproponal | 0.0 | Y |
| MW30D | Armor All Original Protectant - Vehicle Interier portectant (x1) | 28 oz | UO | Mineral oil , non-hazardous ingredients | 0.0 | Y |
| MW30D | Maguires Deep Crystal Car Wasd liquid (x1) | 64 oz | UO | Non-hazardous Ingredients | 0.0 | Y |
| MW30D | Mobil SHC 634 - Synthetic Gear & Bearing Oil (x1) | 1 qt | UO | 1-Decene, Homopolymer hydrogenated, Triphenyl Phosphate | 0.0 | Y |
| MW30D | Refresh your Car! - Active Odor Elimination (x1) | 16 oz | UO | 1,1-difluoroethane , acetone, n-butane, propane , isobutane , benzyl benzoate | 0.0 | Y |
| MW30D | Peak - Radiator Super Cleaner & Flush (x1) | 1 gal | UO | Citric acid , Tetrasodium salt of EDTA, 2-butoxyethanol, Dodecylbenzenesulfonic acid, N-Methyl-2-pyrrolidone , Potassium hydroxide | 0.0 | Y |
| MW30D | FWI - Cleaning Wash & Wax (x1) | 17.5 | UO | Petroleum Distillates, propane | 0.0 | Y |
| MW30D | Slick Mist - Wax (x1) | 24 oz | UO | non-hazardous | 0.0 | Y |
| MW30D | Starbrite - Matte Finish (x1) | 22 oz | UO | Non-ionic surfactants , Perfumes, Limonene, Benzisothiazolinone | 0.0 | Y |
| MW30D | Mothers California Gold - Carnauba Wax (x1) | 16 oz | UO | Dodecylbenzenesulfonic acid | 0.0 | Y |
| MW30D | Valvoline - FW-20 Motor oil (x1) | 5 qt | UO | Distillates (Petroleum), Hydrotreated Heavy Paraffinic | 0.0 | Y |
| MW30D | Castrol Transmaz - Transmission Fluid (x1) | 1 gal | UO | amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates, n-phenyl-1-naphthylamine | 0.0 | Y |
| MW30D | West System - 105 Epoxy Resine (x1) | 32 oz | UO | Benzyl alcohol , Phenol, polymer with formaldehyde, glycidyl ether | 0.0 | Y |
| MW30D | 3M Drywall Corner Bead Adhesive 61-Nat (x1) | 13.8 | UO | Acetone, Propane, 2-Methylpentane, Cyclohexane, polymer, ethanol, Petroleum Resins, Pentane, Phenol Resin , Toluene, Hexane, Methylene Chloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Baseline Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Metaflux - Anti Seize Lubricant Spray | 400 mL | UO | Butane, Propane, Pentane, Hydrocarbons, C6, isoalkanes, Carbon, Hydrocarbons, C6-C7, isoalkanes, cyclics, Isobutane , Aluminium , Propylene carbonate, n-Hexane , Cyclohexane , Hydrocarbons, C9, aromatic, Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts | 0.0 | Y |
| MW30D | KLEAN-STRIP Acetone | 1 gal | UO | Acetone /67-64-1 | 0.0 | Y |
| MW30D | KD Edge Paint | NA | UO | NA | 0.0 | Y |
| MW30D | Famowood - Wood Filler | 6 oz | UO | calcium carbonate, butanone, acetone, Wood Dust Particles, Solvent naphtha (petroleum), light aliph., rosin, 2-propano | 0.0 | Y |
| MW30D | Varathane - Wood Putty | 6 oz | UO | Hydrous Magnesium Silicate, Soybean oil, Titanium Dioxide , Crystalline Silica / Quartz | 0.0 | Y |
| MW30D | Gojo - Hand Cleaner (x2) | 1 gal | UO | 1-Methyl 4-(1-Methylethenyl) Cyclohexene, Alcohols, C12-15, Ethoxylated Propoxylated | 0.0 | Y |
| MW30D | Goo Gone - Adhesive Remover (x1) | 16 oz | UO | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW30D | Goof Off - Latex Paint Adheaive Remover (x1) | 12 oz | UO | Ethanol, 2-Butoxy- , d-Limonene, Oleic acid potassium salt Benzenemethanol | 0.0 | Y |
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | West System 405 Filleting Blend - Adhesive Remover (x2) | 16 oz | UO | Distillates (petroleum), hydrotreated light, d-limonene, Orange oil | 0.0 | Y |
| MW30D | Elmer's - Spray Adhesive | 16 oz | UO | methyl acetate, acetone, heptane, Naphtha (petroleum), hydrotreated light | 0.0 | Y |
| MW30D | Klean Strip - Denatured Alcohol | 1 gal | UO | Ethyl alcohol , methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26**
**Site Location: Long Island City, NY**
Make and model of field instrument used: MiniRAE 3000

**Langan Project No.: 170340203**
**Date: 09/20/2025**

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW30D | Castrol EDGE High Mileage 10W-30 Advanced Full Synthetic Motor Oil | 5 qts | UO | Highly refined base oil (IP 346 DMSO extract < 3%) | 0.0 | Y |
| MW30D | Heavy Duty 4 ton Hydraulic Bottle Jack | | | | 0.0 | Y |
| MW30D | Maxima Racing - DOT 4 Brake Fluid (x2) | 500 mL | UO | Triethylene Glycol Monomethyl Ether, Borate Ester , Monoethanolamine | 0.0 | Y |
| MW30D | Xtreme Cut 251C- Cutting and Grinding Fluid (x1) | 1 gal | UO | Distillates, (petroleum), hydrotreated heavy naphthenic, 2-(2-Aminoethoxy)ethanol , 2,2'-(Octylimino)bisethanol, Amine neutralized carboxylic acid ,Diisopropanolamine, 3-Iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Distilled Water (x2) | 1 gal | UO | | 0.0 | Y |
| MW30D | Kool Mist - Mist Spray Coolant (x1) | 1 gal | UO | Water, Triethanolamine (TEA), and a Poly(ethylene glycol-ran-propylene glycol) monobutyl ether | 0.0 | Y |
| MW30D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | UO | Isopropyl Alcohol | 0.0 | Y |
| MW30D | Tormach - Waylube Oil 68 (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated heavy naphthenic | 0.0 | Y |
| MW30D | CRC Brakleen Brake Parts Cleaner 05089 | 14 oz | UO | acetone, carbon dioxide, toluene | 0.0 | Y |
| MW30D | Physicians Care - Eyewash (x1) | 32 oz | UO | Purified water, 98.3% Ophthalmic Solution Eyewash | 0.0 | Y |
| MW30D | Blaster - Silicone Lubricant Spray (x2) | 11 oz | UO | Alkanes, Petroleum Distillates, Hydrotrated Light, Carbon Dioxide | 0.0 | Y |
| MW30D | WD-40 - Lubricant (x5) | 11 oz | UO | LVP Aliphatic Hydrocarbon, Petroleum Base Oil, Carbon Dioxide | 0.0 | Y |
| MW30D | CRC Belt Conditioner 05350 | 7.5 oz | UO | liquefied petroleum gas, naphtha (petroleum), hydrotreated light, n-heptane,3-methylhexane, methylcyclohexane ,polyisobutylene, 2-methylhexane ,2,3-dimethylpentane 3-ethylpentane ,3,3-dimethylpentane | 0.0 | Y |
| MW30D | Bernzomatic - Propane Hand Torch Cylinder (1x) | 14.1 oz | UO | Propane, propylene, ethane, butane, ethylmercaptan | 0.0 | Y |
| MW30D | 3 in 1Multi Purpose Oil - Non-Aerosol Lubrucant (x1) | 4 oz | UO | Severely Hydrotreated Heavy Naphthenic Oil (contains <3% DMSO), Naphtha, petroleum (contains <3% DMSO) | 0.0 | Y |
| MW30D | JASCO - Premium Paint & Epoxy Remover (x2) | 1 gal | O | Dichloromethane (Methylene chloride; R-30; Freon 30), Methanol (Methyl alcohol; Carbinol; Wood alcohol), Stoddard solvent (Mineral spirits; Aliphatic Petroleum Distillates; White spirits) | 0.0 | Y |
| MW30D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Rust Oleum - Protective Enamel Flat Black Spray Paint (x4) | 12 oz | UO | Propane, Hydrotreated Light Distillate, Acetone , Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Carbon Black , Ethylbenzene, Stoddard Solvent, Solvent Naphtha, Light Aromatic, Distillates (Petroleum), Hydrodesulfurized Middle | 0.0 | Y |
| MW30D | Watco Wipe-on Poly - Polyurethane Finish (x2) | 32 oz | UO | Stoddard Solvent , Hydrotreated Light Distillate, Amorphous Precipitated Silica, Zirconium 2-Ethylhexanoate, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene | 0.0 | Y |
| MW30D | Permalac - Clearcoat Lacquer | 1 gal | UO | Toluene /108-88-3, Acrylic Resin, n-Butyl Acetate /123-86-4, Methanol /67-56-1, Fuller's Earth /8031-18-3 | 0.0 | Y |
| MW30D | Weiner - Stainless Steel Cleaner & Polish Aerosol | 12 oz | UO | White mineral oil, petroleum | 0.0 | Y |
| MW30D | Rust Oleum - Truck Bed Coating Spray | 12 oz | UO | Acetone, Propane, Naphtha, n-Butane, Xylenes (o-, m-, p- Isomers), Dimethyl Carbonate , Polyethylene , Ethylbenzene, Carbon Black, Zirconium 2-Ethylhexanoate , Methyl Ethyl Ketoxime, Amorphous Fumed Silica, Cobalt 2-Ethylhexanoate, 1H-Indene, 2,3-dihydro- | 0.0 | Y |
| MW30D | Sunny Side - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Parachlorobenzotrifluoride , 2-Butoxyethanol | 0.0 | Y |
| MW30D | Spray Max - 2K Clear Glamour (x1) | 12 oz | UO | dimethyl ether, acetone, n-butyl acetate, Aliphatisches Polyisocyanat, xylene, Solvent naphtha (petroleum), light arom. benzene < 0,1 %, 2-methoxy-1-methylethyl acetate, 2-butoxyethyl acetate, 1,2,4-trimethylbenzene, mesitylene | 0.0 | Y |
| MW30D | 3M™ Foam Fast 74 Spray Adhesive Aerosol (x1) | 16.9 oz | UO | Acetone, Dimethyl Ether, Isobutane, Terpene polymer, Non-hazardous components, Pentane, Methyl acetate, Cyclohexane, Petroleum naphtha, Toluene, Methylene Chloride | 0.0 | Y |
| MW30D | Iron Out - Ruse Remover (x1) | 24 oz | UO | Oxalic acid, dihydrate | 0.0 | Y |
| MW30D | Rust Aid - Rust Remover (x1) | 8 oz | UO | Hydrochloric acid, Amines | 0.0 | Y |
| MW30D | Windex Glass Cleaner (x1) | 24 oz | UO | 2-butoxyethanol | 0.0 | Y |
| MW30D | Dyna Flux Nozzle Gel (x1) | 16 oz | UO | Petrolatum, white | 0.0 | Y |
| MW30D | Morris G30200 Pint Light Cutting Oil (x1) | 16 oz | UO | Distillates (petroleum), hydrotreated heavy naphthenic , Distillates (petroleum), hydrotreated heavy paraffinic | 0.0 | Y |
| MW30D | Spartan - Non-Acid Disinfectant Bathroom Cleaner (x1) | 32 oz | UO | Alcohol ethoxylate, Dialkyl dimethyl ammonium, chloride, Alkyl dimethyl benzyl ammonium, chloride | 0.0 | Y |
| MW30D | Shield AW32 - Hydraulic Oil (x1) | 5 gal | UO | distillates (petroleum), solvent-dewaxed heavy paraffinic , distillates (petroleum), hydrotreated heavy paraffinic, Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | 0.0 | Y |
| MW30D | Pico Quench Guard - Plasma Table Fluid (x2) | 5 gal | UO | Alkanolamine | 0.0 | Y |
| MW30D | Wiseorb -Indicating Silica Gel (x2) | | O | Silica gel, cobat dichloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | ProMar 200 Zero VOC Interior Latex (x1) | 5 gal | UO | Octylphenoxypoly(ethoxy)ethanol , 3-iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Latex-ite - Ice and Snow Melt (x2) | 30 lbs | UO | Sodium Chloride, Calcium Chloride, Magnesium Chloride,CMA | 0.0 | Y |
| MW30D | STP Pro Formula Conventional Engine Oil 5W-30 (x1) | 5 Quart | UO | Petroleum distillates, hydrotreated heavy paraffinic, Petroleum distillates, hydrotreated light paraffinic, Petroleum distillates, solvent dewaxed heavy paraffinic | 0.0 | Y |
| MW30D | Nature's Miracle Stain and Odor Remover Foam Aerosol (x1) | 17.5 | UO | Isopropyl Alcohol, 5-Chloro-2-Methyl-4-Isothiazolin-3-one | 0.0 | Y |
| MW30D | Briggs & Stratton Fuel Can (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated light, Cresol, Butylated Hydroxytoluene , Mixture of isomers of trimethylbenzene, Polyolefin alkyl phenol alkyl amine, Methanol, Xylene, Ethylbenzene , n-propylbenzene , 2-ethyl hexanol , Cumene | 0.0 | Y |
| MW30D | Fitz Tactical Matte Finish Cleanser (x1) | 16 oz | UO | Proprietary Surfactant blend, 2-Butoxyethanol | 0.0 | Y |
| MW30D | Prestone - Antifreeze Coolant (x2) | 32 oz | UO | Ethylene Glycol 2-Ethyl Hexanoic Acid, Neodecanoic Acid, Diethylene Glycol | 0.0 | Y |
| MW30D | Rain-X Glass Water Repellent (x2) | 16 oz | UO | Ethanol, acetone, isoproponal | 0.0 | Y |
| MW30D | Armor All Original Protectant - Vehicle Interier portectant (x1) | 28 oz | UO | Mineral oil , non-hazardous ingredients | 0.0 | Y |
| MW30D | Maguires Deep Crystal Car Wasd liquid (x1) | 64 oz | UO | Non-hazardous Ingredients | 0.0 | Y |
| MW30D | Mobil SHC 634 - Synthetic Gear & Bearing Oil (x1) | 1 qt | UO | 1-Decene, Homopolymer hydrogenated, Triphenyl Phosphate | 0.0 | Y |
| MW30D | Refresh your Car! - Active Odor Elimination (x1) | 16 oz | UO | 1,1-difluoroethane , acetone, n-butane, propane , isobutane , benzyl benzoate | 0.0 | Y |
| MW30D | Peak - Radiator Super Cleaner & Flush (x1) | 1 gal | UO | Citric acid , Tetrasodium salt of EDTA, 2-butoxyethanol, Dodecylbenzenesulfonic acid, N-Methyl-2-pyrrolidone , Potassium hydroxide | 0.0 | Y |
| MW30D | FWI - Cleaning Wash & Wax (x1) | 17.5 | UO | Petroleum Distillates, propane | 0.0 | Y |
| MW30D | Slick Mist - Wax (x1) | 24 oz | UO | non-hazardous | 0.0 | Y |
| MW30D | Starbrite - Matte Finish (x1) | 22 oz | UO | Non-ionic surfactants , Perfumes, Limonene, Benzisothiazolinone | 0.0 | Y |
| MW30D | Mothers California Gold - Carnauba Wax (x1) | 16 oz | UO | Dodecylbenzenesulfonic acid | 0.0 | Y |
| MW30D | Valvoline - FW-20 Motor oil (x1) | 5 qt | UO | Distillates (Petroleum), Hydrotreated Heavy Paraffinic | 0.0 | Y |
| MW30D | Castrol Transmaz - Transmission Fluid (x1) | 1 gal | UO | amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates, n-phenyl-1-naphthylamine | 0.0 | Y |
| MW30D | West System - 105 Epoxy Resine (x1) | 32 oz | UO | Benzyl alcohol , Phenol, polymer with formaldehyde, glycidyl ether | 0.0 | Y |
| MW30D | 3M Drywall Corner Bead Adhesive 61-Nat (x1) | 13.8 | UO | Acetone, Propane, 2-Methylpentane, Cyclohexane, polymer, ethanol, Petroleum Resins, Pentane, Phenol Resin , Toluene, Hexane, Methylene Chloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Metaflux - Anti Seize Lubricant Spray | 400 mL | UO | Butane, Propane, Pentane, Hydrocarbons, C6, isoalkanes, Carbon, Hydrocarbons, C6-C7, isoalkanes, cyclics, Isobutane , Aluminium , Propylene carbonate, n-Hexane , Cyclohexane , Hydrocarbons, C9, aromatic, Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts | 0.0 | Y |
| MW30D | KLEAN-STRIP Acetone | 1 gal | UO | Acetone /67-64-1 | 0.0 | Y |
| MW30D | KD Edge Paint | NA | UO | NA | 0.0 | Y |
| MW30D | Famowood - Wood Filler | 6 oz | UO | calcium carbonate, butanone, acetone, Wood Dust Particles, Solvent naphtha (petroleum), light aliph., rosin, 2-propano | 0.0 | Y |
| MW30D | Varathane - Wood Putty | 6 oz | UO | Hydrous Magnesium Silicate, Soybean oil, Titanium Dioxide , Crystalline Silica / Quartz | 0.0 | Y |
| MW30D | Gojo - Hand Cleaner (x2) | 1 gal | UO | 1-Methyl 4-(1-Methylethenyl) Cyclohexene, Alcohols, C12-15, Ethoxylated Propoxylated | 0.0 | Y |
| MW30D | Goo Gone - Adhesive Remover (x1) | 16 oz | UO | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW30D | Goof Off - Latex Paint Adheaive Remover (x1) | 12 oz | UO | Ethanol, 2-Butoxy- , d-Limonene, Oleic acid potassium salt Benzenemethanol | 0.0 | Y |
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | West System 405 Filleting Blend - Adhesive Remover (x2) | 16 oz | UO | Distillates (petroleum), hydrotreated light, d-limonene, Orange oil | 0.0 | Y |
| MW30D | Elmer's - Spray Adhesive | 16 oz | UO | methyl acetate, acetone, heptane, Naphtha (petroleum), hydrotreated light | 0.0 | Y |
| MW30D | Klean Strip - Denatured Alcohol | 1 gal | UO | Ethyl alcohol , methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name: ABC Block 26** **Langan Project No.: 170340203**
**Site Location: Long Island City, NY** **Date: 09/21/2025**
Make and model of field instrument used: MiniRAE 3000

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| MW30D | Castrol EDGE High Mileage 10W-30 Advanced Full Synthetic Motor Oil | 5 qts | UO | Highly refined base oil (IP 346 DMSO extract < 3%) | 0.0 | Y |
| MW30D | Heavy Duty 4 ton Hydraulic Bottle Jack | | | | 0.0 | Y |
| MW30D | Maxima Racing - DOT 4 Brake Fluid (x2) | 500 mL | UO | Triethylene Glycol Monomethyl Ether, Borate Ester , Monoethanolamine | 0.0 | Y |
| MW30D | Xtreme Cut 251C- Cutting and Grinding Fluid (x1) | 1 gal | UO | Distillates, (petroleum), hydrotreated heavy naphthenic, 2-(2-Aminoethoxy)ethanol , 2,2'-(Octylimino)bisethanol, Amine neutralized carboxylic acid ,Diisopropanolamine, 3-Iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Distilled Water (x2) | 1 gal | UO | | 0.0 | Y |
| MW30D | Kool Mist - Mist Spray Coolant (x1) | 1 gal | UO | Water, Triethanolamine (TEA), and a Poly(ethylene glycol-ran-propylene glycol) monobutyl ether | 0.0 | Y |
| MW30D | Walgreens 70% Isopropyl Alcohol - First Aid Antiseptic (x1) | 16 oz | UO | Isopropyl Alcohol | 0.0 | Y |
| MW30D | Tormach - Waylube Oil 68 (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated heavy naphthenic | 0.0 | Y |
| MW30D | CRC Brakleen Brake Parts Cleaner 05089 | 14 oz | UO | acetone, carbon dioxide, toluene | 0.0 | Y |
| MW30D | Physicians Care - Eyewash (x1) | 32 oz | UO | Purified water, 98.3% Ophthalmic Solution Eyewash | 0.0 | Y |
| MW30D | Blaster - Silicone Lubricant Spray (x2) | 11 oz | UO | Alkanes, Petroleum Distillates, Hydrotrated Light, Carbon Dioxide | 0.0 | Y |
| MW30D | WD-40 - Lubricant (x5) | 11 oz | UO | LVP Aliphatic Hydrocarbon, Petroleum Base Oil, Carbon Dioxide | 0.0 | Y |
| MW30D | CRC Belt Conditioner 05350 | 7.5 oz | UO | liquefied petroleum gas, naphtha (petroleum), hydrotreated light, n-heptane,3-methylhexane, methylcyclohexane ,polyisobutylene, 2-methylhexane ,2,3-dimethylpentane 3-ethylpentane ,3,3-dimethylpentane | 0.0 | Y |
| MW30D | Bernzomatic - Propane Hand Torch Cylinder (1x) | 14.1 oz | UO | Propane, propylene, ethane, butane, ethylmercaptan | 0.0 | Y |
| MW30D | 3 in 1Multi Purpose Oil - Non-Aerosol Lubrucant (x1) | 4 oz | UO | Severely Hydrotreated Heavy Naphthenic Oil (contains <3% DMSO), Naphtha, petroleum (contains <3% DMSO) | 0.0 | Y |
| MW30D | JASCO - Premium Paint & Epoxy Remover (x2) | 1 gal | O | Dichloromethane (Methylene chloride; R-30; Freon 30), Methanol (Methyl alcohol; Carbinol; Wood alcohol), Stoddard solvent (Mineral spirits; Aliphatic Petroleum Distillates; White spirits) | 0.0 | Y |
| MW30D | Klean Strip - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Light Aliphatic Solvent Naphtha, Toluene, Methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Rust Oleum - Protective Enamel Flat Black Spray Paint (x4) | 12 oz | UO | Propane, Hydrotreated Light Distillate, Acetone , Hydrous Magnesium Silicate, n-Butane, n-Butyl Acetate, Xylenes (o-, m-, p- Isomers), Carbon Black , Ethylbenzene, Stoddard Solvent, Solvent Naphtha, Light Aromatic, Distillates (Petroleum), Hydrodesulfurized Middle | 0.0 | Y |
| MW30D | Watco Wipe-on Poly - Polyurethane Finish (x2) | 32 oz | UO | Stoddard Solvent , Hydrotreated Light Distillate, Amorphous Precipitated Silica, Zirconium 2-Ethylhexanoate, Xylenes (o-, m-, p- Isomers) , Methyl Ethyl Ketoxime, Ethylbenzene | 0.0 | Y |
| MW30D | Permalac - Clearcoat Lacquer | 1 gal | UO | Toluene /108-88-3, Acrylic Resin, n-Butyl Acetate /123-86-4, Methanol /67-56-1, Fuller's Earth /8031-18-3 | 0.0 | Y |
| MW30D | Weiner - Stainless Steel Cleaner & Polish Aerosol | 12 oz | UO | White mineral oil, petroleum | 0.0 | Y |
| MW30D | Rust Oleum - Truck Bed Coating Spray | 12 oz | UO | Acetone, Propane, Naphtha, n-Butane, Xylenes (o-, m-, p- Isomers), Dimethyl Carbonate , Polyethylene , Ethylbenzene, Carbon Black, Zirconium 2-Ethylhexanoate , Methyl Ethyl Ketoxime, Amorphous Fumed Silica, Cobalt 2-Ethylhexanoate, 1H-Indene, 2,3-dihydro- | 0.0 | Y |
| MW30D | Sunny Side - Lacquer Thinner (x2) | 1 gal | UO | Acetone, Parachlorobenzotrifluoride , 2-Butoxyethanol | 0.0 | Y |
| MW30D | Spray Max - 2K Clear Glamour (x1) | 12 oz | UO | dimethyl ether, acetone, n-butyl acetate, Aliphatisches Polyisocyanat, xylene, Solvent naphtha (petroleum), light arom. benzene < 0,1 %, 2-methoxy-1-methylethyl acetate, 2-butoxyethyl acetate, 1,2,4-trimethylbenzene, mesitylene | 0.0 | Y |
| MW30D | 3M™ Foam Fast 74 Spray Adhesive Aerosol (x1) | 16.9 oz | UO | Acetone, Dimethyl Ether, Isobutane, Terpene polymer, Non-hazardous components, Pentane, Methyl acetate, Cyclohexane, Petroleum naphtha, Toluene, Methylene Chloride | 0.0 | Y |
| MW30D | Iron Out - Ruse Remover (x1) | 24 oz | UO | Oxalic acid, dihydrate | 0.0 | Y |
| MW30D | Rust Aid - Rust Remover (x1) | 8 oz | UO | Hydrochloric acid, Amines | 0.0 | Y |
| MW30D | Windex Glass Cleaner (x1) | 24 oz | UO | 2-butoxyethanol | 0.0 | Y |
| MW30D | Dyna Flux Nozzle Gel (x1) | 16 oz | UO | Petrolatum, white | 0.0 | Y |
| MW30D | Morris G30200 Pint Light Cutting Oil (x1) | 16 oz | UO | Distillates (petroleum), hydrotreated heavy naphthenic , Distillates (petroleum), hydrotreated heavy paraffinic | 0.0 | Y |
| MW30D | Spartan - Non-Acid Disinfectant Bathroom Cleaner (x1) | 32 oz | UO | Alcohol ethoxylate, Dialkyl dimethyl ammonium, chloride, Alkyl dimethyl benzyl ammonium, chloride | 0.0 | Y |
| MW30D | Shield AW32 - Hydraulic Oil (x1) | 5 gal | UO | distillates (petroleum), solvent-dewaxed heavy paraffinic , distillates (petroleum), hydrotreated heavy paraffinic, Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | 0.0 | Y |
| MW30D | Pico Quench Guard - Plasma Table Fluid (x2) | 5 gal | UO | Alkanolamine | 0.0 | Y |
| MW30D | Wiseorb -Indicating Silica Gel (x2) | | O | Silica gel, cobat dichloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | ProMar 200 Zero VOC Interior Latex (x1) | 5 gal | UO | Octylphenoxypoly(ethoxy)ethanol , 3-iodo-2-propynyl butylcarbamate | 0.0 | Y |
| MW30D | Latex-ite - Ice and Snow Melt (x2) | 30 lbs | UO | Sodium Chloride, Calcium Chloride, Magnesium Chloride,CMA | 0.0 | Y |
| MW30D | STP Pro Formula Conventional Engine Oil 5W-30 (x1) | 5 Quart | UO | Petroleum distillates, hydrotreated heavy paraffinic, Petroleum distillates, hydrotreated light paraffinic, Petroleum distillates, solvent dewaxed heavy paraffinic | 0.0 | Y |
| MW30D | Nature's Miracle Stain and Odor Remover Foam Aerosol (x1) | 17.5 | UO | Isopropyl Alcohol, 5-Chloro-2-Methyl-4-Isothiazolin-3-one | 0.0 | Y |
| MW30D | Briggs & Stratton Fuel Can (x1) | 1 gal | UO | Distillates (petroleum), hydrotreated light, Cresol, Butylated Hydroxytoluene , Mixture of isomers of trimethylbenzene, Polyolefin alkyl phenol alkyl amine, Methanol, Xylene, Ethylbenzene , n-propylbenzene , 2-ethyl hexanol , Cumene | 0.0 | Y |
| MW30D | Fitz Tactical Matte Finish Cleanser (x1) | 16 oz | UO | Proprietary Surfactant blend, 2-Butoxyethanol | 0.0 | Y |
| MW30D | Prestone - Antifreeze Coolant (x2) | 32 oz | UO | Ethylene Glycol 2-Ethyl Hexanoic Acid, Neodecanoic Acid, Diethylene Glycol | 0.0 | Y |
| MW30D | Rain-X Glass Water Repellent (x2) | 16 oz | UO | Ethanol, acetone, isoproponal | 0.0 | Y |
| MW30D | Armor All Original Protectant - Vehicle Interier portectant (x1) | 28 oz | UO | Mineral oil , non-hazardous ingredients | 0.0 | Y |
| MW30D | Maguires Deep Crystal Car Wasd liquid (x1) | 64 oz | UO | Non-hazardous Ingredients | 0.0 | Y |
| MW30D | Mobil SHC 634 - Synthetic Gear & Bearing Oil (x1) | 1 qt | UO | 1-Decene, Homopolymer hydrogenated, Triphenyl Phosphate | 0.0 | Y |
| MW30D | Refresh your Car! - Active Odor Elimination (x1) | 16 oz | UO | 1,1-difluoroethane , acetone, n-butane, propane , isobutane , benzyl benzoate | 0.0 | Y |
| MW30D | Peak - Radiator Super Cleaner & Flush (x1) | 1 gal | UO | Citric acid , Tetrasodium salt of EDTA, 2-butoxyethanol, Dodecylbenzenesulfonic acid, N-Methyl-2-pyrrolidone , Potassium hydroxide | 0.0 | Y |
| MW30D | FWI - Cleaning Wash & Wax (x1) | 17.5 | UO | Petroleum Distillates, propane | 0.0 | Y |
| MW30D | Slick Mist - Wax (x1) | 24 oz | UO | non-hazardous | 0.0 | Y |
| MW30D | Starbrite - Matte Finish (x1) | 22 oz | UO | Non-ionic surfactants , Perfumes, Limonene, Benzisothiazolinone | 0.0 | Y |
| MW30D | Mothers California Gold - Carnauba Wax (x1) | 16 oz | UO | Dodecylbenzenesulfonic acid | 0.0 | Y |
| MW30D | Valvoline - FW-20 Motor oil (x1) | 5 qt | UO | Distillates (Petroleum), Hydrotreated Heavy Paraffinic | 0.0 | Y |
| MW30D | Castrol Transmaz - Transmission Fluid (x1) | 1 gal | UO | amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates, n-phenyl-1-naphthylamine | 0.0 | Y |
| MW30D | West System - 105 Epoxy Resine (x1) | 32 oz | UO | Benzyl alcohol , Phenol, polymer with formaldehyde, glycidyl ether | 0.0 | Y |
| MW30D | 3M Drywall Corner Bead Adhesive 61-Nat (x1) | 13.8 | UO | Acetone, Propane, 2-Methylpentane, Cyclohexane, polymer, ethanol, Petroleum Resins, Pentane, Phenol Resin , Toluene, Hexane, Methylene Chloride | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Pilot Study II - Post-LNAPL Recovery Event - MW30D**
**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

| | | | | | | |
|---|---|---|---|---|---|---|
| MW30D | Metaflux - Anti Seize Lubricant Spray | 400 mL | UO | Butane, Propane, Pentane, Hydrocarbons, C6, isoalkanes, Carbon, Hydrocarbons, C6-C7, isoalkanes, cyclics, Isobutane , Aluminium , Propylene carbonate, n-Hexane , Cyclohexane , Hydrocarbons, C9, aromatic, Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts | 0.0 | Y |
| MW30D | KLEAN-STRIP Acetone | 1 gal | UO | Acetone /67-64-1 | 0.0 | Y |
| MW30D | KD Edge Paint | NA | UO | NA | 0.0 | Y |
| MW30D | Famowood - Wood Filler | 6 oz | UO | calcium carbonate, butanone, acetone, Wood Dust Particles, Solvent naphtha (petroleum), light aliph., rosin, 2-propano | 0.0 | Y |
| MW30D | Varathane - Wood Putty | 6 oz | UO | Hydrous Magnesium Silicate, Soybean oil, Titanium Dioxide , Crystalline Silica / Quartz | 0.0 | Y |
| MW30D | Gojo - Hand Cleaner (x2) | 1 gal | UO | 1-Methyl 4-(1-Methylethenyl) Cyclohexene, Alcohols, C12-15, Ethoxylated Propoxylated | 0.0 | Y |
| MW30D | Goo Gone - Adhesive Remover (x1) | 16 oz | UO | Petroleum Distillates, Hydrotreated Light, D-Limonene, Orange Sweet Extract | 0.0 | Y |
| MW30D | Goof Off - Latex Paint Adheaive Remover (x1) | 12 oz | UO | Ethanol, 2-Butoxy- , d-Limonene, Oleic acid potassium salt Benzenemethanol | 0.0 | Y |
| MW30D | Simple Green - Degreaser (x2) | 1 gal | UO | Water, Surfactant, C9-11 Alcohols Ethoxylated, Tetrasodium Gluamate Diacetate, Sodium Bicarbonate, Hydrochloric Acid, Fragrances, Blend of Polyoxyalkylene Substituted Chromophores (Cyan and Yellow), Anethole, Eucalyptol, Methylchloroisothiazolinone, Methylisothiazolinone | 0.0 | Y |
| MW30D | West System 405 Filleting Blend - Adhesive Remover (x2) | 16 oz | UO | Distillates (petroleum), hydrotreated light, d-limonene, Orange oil | 0.0 | Y |
| MW30D | Elmer's - Spray Adhesive | 16 oz | UO | methyl acetate, acetone, heptane, Naphtha (petroleum), hydrotreated light | 0.0 | Y |
| MW30D | Klean Strip - Denatured Alcohol | 1 gal | UO | Ethyl alcohol , methanol | 0.0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

# APPENDIX D

# INDOOR AND AMBIENT AIR SAMPLING LOGS

# AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-AA01_MW16D19D_091325

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/13/2025 | **DATE FINISHED:** 9/13/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 74-76 F<br>Wind: 0-8 mph SE<br>Precipitation: None<br>Pressure: 30.01 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:49 |
| **SAMPLE STOP TIME:** | 14:07 |
| **TOTAL SAMPLE TIME (MIN):** | 138 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 1624 |
| **REGULATOR SERIAL NUMBER:** | A818004 |
| **CAN START PRESS. (" HG):** | -29.57 |
| **CAN STOP PRESS. (" HG):** | -5.88 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-IA01_MW16D19D_091325

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/13/2025 | **DATE FINISHED:** 9/13/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 74-76 F<br>Wind: 0-8 mph SE<br>Precipitation: None<br>Pressure: 30.01 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:48 |
| **SAMPLE STOP TIME:** | 13:41 |
| **TOTAL SAMPLE TIME (MIN):** | 113 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 1512 |
| **REGULATOR SERIAL NUMBER:** | A807015 |
| **CAN START PRESS. (" HG):** | -29.95 |
| **CAN START PRESS. (" HG):** | -4.44 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

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# AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-AA01_MW30D_091325

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/13/2025 | **DATE FINISHED:** 9/13/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 74-76 F<br>Wind: 0-8 mph SE<br>Precipitation: None<br>Pressure: 30.01 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:59 |
| **SAMPLE STOP TIME:** | 13:59 |
| **TOTAL SAMPLE TIME (MIN):** | 120 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 883 |
| **REGULATOR SERIAL NUMBER:** | A101006 |
| **CAN START PRESS. (" HG):** | -29.38 |
| **CAN STOP PRESS. (" HG):** | -5.4 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

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# AIR SAMPLING LOG SHEET

Sample Number: C241174_BL-IA01_MW30D_0921325

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/13/2025 | **DATE FINISHED:** 9/13/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | **WEATHER CONDITIONS** (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 74-76 F; Wind: 0-8 mph SE; Precipitation: None; Pressure: 30.01 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:56 |
| **SAMPLE STOP TIME:** | 13:56 |
| **TOTAL SAMPLE TIME (MIN):** | 120 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | A1929 |
| **REGULATOR SERIAL NUMBER:** | A939011 |
| **CAN START PRESS. (" HG):** | -29.56 |
| **CAN START PRESS. (" HG):** | -6.26 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

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# AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-AA02_MW16D19D_092025

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Camille Quick | **SAMPLE DATE STARTED:** 9/20/2025 | **DATE FINISHED:** 9/20/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 61-76 F<br>Wind: 10-16 mph NE<br>Precipitation: None<br>Pressure: 30.24 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:12 |
| **SAMPLE STOP TIME:** | 12:44 |
| **TOTAL SAMPLE TIME (MIN):** | 92 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 801 |
| **REGULATOR SERIAL NUMBER:** | A937006 |
| **CAN START PRESS. (" HG):** | -26.69 |
| **CAN STOP PRESS. (" HG):** | -5.03 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
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# AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-IA02_MW16D19D_092025

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Camille Quick | **SAMPLE DATE STARTED:** 9/20/2025 | **DATE FINISHED:** 9/20/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 61-76 F<br>Wind: 10-16 mph NE<br>Precipitation: None<br>Pressure: 30.24 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:17 |
| **SAMPLE STOP TIME:** | 13:02 |
| **TOTAL SAMPLE TIME (MIN):** | 105 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 1188 |
| **REGULATOR SERIAL NUMBER:** | A807017 |
| **CAN START PRESS. (" HG):** | -29.13 |
| **CAN STOP PRESS. (" HG):** | -5.01 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

Sample Taken During LNAPL recovery event

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# AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-AA02_MW30D_092025

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/20/2025 | **DATE FINISHED:** 9/20/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 61-76 F<br>Wind: 10-16 mph NE<br>Precipitation: None<br>Pressure: 30.24 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 16:27 |
| **SAMPLE STOP TIME:** | 18:25 |
| **TOTAL SAMPLE TIME (MIN):** | 118 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 1461 |
| **REGULATOR SERIAL NUMBER:** | A179013 |
| **CAN START PRESS. (" HG):** | -28.91 |
| **CAN STOP PRESS. (" HG):** | -4.86 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

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# AIR SAMPLING LOG SHEET

Sample Number: C241174_LR-IA02_MW30D_092025

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/20/2025` | **DATE FINISHED:** 9/20/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 61-76 F<br>Wind: 10-16 mph NE<br>Precipitation: None<br>Pressure: 30.24 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 16:24 |
| **SAMPLE STOP TIME:** | 18:21 |
| **TOTAL SAMPLE TIME (MIN):** | 117 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 1463 |
| **REGULATOR SERIAL NUMBER:** | A805008 |
| **CAN START PRESS. (" HG):** | -29.42 |
| **CAN STOP PRESS. (" HG):** | -4.82 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

Sample Taken During LNAPL recovery event

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241174_PLR-AA03_MW16D19D_092125

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/21/2025 | **DATE FINISHED:** 9/21/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 69-70 F<br>Wind: 7-10 mph NE<br>Precipitation: None<br>Pressure: 30.20 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:07 |
| **SAMPLE STOP TIME:** | 12:41 |
| **TOTAL SAMPLE TIME (MIN):** | 94 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 1461 |
| **REGULATOR SERIAL NUMBER:** | A937006 |
| **CAN START PRESS. (" HG):** | -26.62 |
| **CAN STOP PRESS. (" HG):** | -2.39 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

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368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241174_PLR-IA03_MW16D19D_092125

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/21/2025 | **DATE FINISHED:** 9/21/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 69-70 F<br>Wind: 7-10 mph NE<br>Precipitation: None<br>Pressure: 30.20 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

### SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:05 |
| **SAMPLE STOP TIME:** | 12:05 |
| **TOTAL SAMPLE TIME (MIN):** | 60 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 1479 |
| **REGULATOR SERIAL NUMBER:** | A940018 |
| **CAN START PRESS. (" HG):** | -29.42 |
| **CAN STOP PRESS. (" HG):** | -9.18 |

### SAMPLE LOCATION SKETCH

**See Sample Location Plan**

### NOTES

Sample Taken 1 day after LNAPL recovery event

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## AIR SAMPLING LOG SHEET

Sample Number: C241174_PLR-AA03_MW30D_092125

| | | |
|---|---|---|
| **PROJECT:** ABC Block 26 | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** NA | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 9/21/2025 | **DATE FINISHED:** 9/21/2025 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 69-70 F<br>Wind: 7-10 mph NE<br>Precipitation: None<br>Pressure: 30.20 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:35 |
| **SAMPLE STOP TIME:** | 13:13 |
| **TOTAL SAMPLE TIME (MIN):** | 98 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | NA |
| **CAN SERIAL NUMBER:** | 1907 |
| **REGULATOR SERIAL NUMBER:** | A908023 |
| **CAN START PRESS. (" HG):** | -28.91 |
| **CAN STOP PRESS. (" HG):** | -4.97 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C**
368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241174_PLR-IA03_MW30D_092125

| | | | |
|---|---|---|---|
| **PROJECT:** ABC Block 26 | | **PROJECT NO.:** 170340203 | |
| **LOCATION:** Long Island City, New York | | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | | **SAMPLE DATE STARTED:** 9/21/2025` | **DATE FINISHED:** 9/21/2025 |
| **INSPECTOR:** Roswell Lo | | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** See chemical inventory sheet | | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 69-70 F<br>Wind: 7-10 mph NE<br>Precipitation: None<br>Pressure: 30.20 in Hg | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MiniRAE 3000 Photionization detector prior to sampling. The sample consisted of 6L summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 2-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 3 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:37 |
| **SAMPLE STOP TIME:** | 13:35 |
| **TOTAL SAMPLE TIME (MIN):** | 118 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.05 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | None |
| **CAN SERIAL NUMBER:** | 1651 |
| **REGULATOR SERIAL NUMBER:** | A179003 |
| **CAN START PRESS. (" HG):** | -29 |
| **CAN STOP PRESS. (" HG):** | -4.39 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

Sample Taken 1 day after LNAPL recovery event

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C**
368 Ninth Avenue, 8th Floor, New York, New York 10001-2727

# APPENDIX E

# LABORATORY ANALYTICAL DATA REPORTS

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Greg Wyka
Langan Engineering and Environmental Services LLC
21 Penn Plaza
360 W 31st St
8th Floor
New York NY 10001-2727

Generated 10/15/2025 2:50 PM Revision 2

## JOB DESCRIPTION

ABC Block 26 - Air

## JOB NUMBER

460-334962-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.



my EOL

# Eurofins Edison

## Job Notes

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## Authorization

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Revision 2

Authorized for release by
Patricia Grieco, Senior Project Manager
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732 593-2507

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## Qualifiers

### Air - GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| D | Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U | Indicates the analyte was analyzed for but not detected. |

## Glossary

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

**Job Narrative**
**460-334962-1**

**Revision #1: Include Summa Can Certificaiotn Data**

**Revision #2: Revise Sample #4 ID**

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

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

**Receipt**
The samples were received on 9/15/2025 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

**Receipt Exceptions**
Received Summa 326 as a return summa.

Received with 2 small flat foams.

C241174_BL-IA01_MW16D190_091325 (460-334962-1), C241174_BL-AA01_MW16D190_091325 (460-334962-2), C241174_BL-IA01_MW30P_091325 (460-334962-3) and C241174_BL-AA01_MW30P_091325 (460-334962-4)

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

## Client Sample ID: C241174_BL-IA01_MW16D190_091325 — Lab Sample ID: 460-334962-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 2.3 | | 0.98 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 8.8 | | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.7 | J | 2.1 | 0.53 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 33 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 2.5 | | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Carbon tetrachloride | 0.52 | | 0.22 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloroform | 0.40 | J | 0.98 | 0.20 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.2 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 3.2 | | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Ethylbenzene | 2.4 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Isopropyl alcohol | 6.0 | J | 12 | 3.9 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| m,p-Xylene | 8.1 | | 2.2 | 0.41 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 18 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methylene Chloride | 0.83 | J | 1.7 | 0.63 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 12 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Heptane | 4.9 | | 0.82 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 5.0 | | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| o-Xylene | 2.9 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 71 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.5 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Xylene (total) | 11 | | 2.2 | 0.061 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_BL-AA01_MW16D190_091325 — Lab Sample ID: 460-334962-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2,2,4-Trimethylpentane | 0.59 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 12 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.48 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 0.99 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.2 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.28 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 2.9 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 0.54 | J | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 1.7 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_BL-IA01_MW30P_091325 — Lab Sample ID: 460-334962-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 2.3 | | 0.98 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,3,5-Trimethylbenzene | 0.44 | J | 0.98 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 1.8 | | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Isopropyltoluene | 0.99 | J | 1.1 | 0.34 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.9 | | 2.1 | 0.53 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.83 | | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Carbon tetrachloride | 0.57 | | 0.22 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloroform | 0.31 | J | 0.98 | 0.20 | ug/m3 | 1 | | TO 15 LL | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: C241174_BL-IA01_MW30P_091325 (Continued)
## Lab Sample ID: 460-334962-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | 1.1 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 1.8 | | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Ethylbenzene | 31 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Isopropyl alcohol | 16 | | 12 | 3.9 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| m,p-Xylene | 140 | | 2.2 | 0.41 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 20 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl methacrylate | 8.7 | | 2.1 | 0.57 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methylene Chloride | 71 | | 1.7 | 0.63 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 14 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Heptane | 5.2 | | 0.82 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 6.5 | | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| o-Xylene | 36 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Styrene | 5.3 | | 0.85 | 0.25 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichloroethene | 0.52 | | 0.20 | 0.13 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.3 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Xylene (total) | 180 | | 2.2 | 0.061 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone - DL | 290 | D | 120 | 38 | ug/m3 | 10 | | TO 15 LL | Total/NA |
| Toluene - DL | 400 | D | 7.5 | 1.6 | ug/m3 | 10 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_BL-AA01_MW30D_091325
## Lab Sample ID: 460-334962-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2,2,4-Trimethylpentane | 0.61 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 11 | J | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.48 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 1.1 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.2 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.29 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 0.54 | J | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 1.1 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.3 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: C241174_BL-IA01_MW16D190_091325
## Lab Sample ID: 460-334962-1

**Date Collected: 09/13/25 13:41**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **1,2,4-Trimethylbenzene** | **2.3** | | 0.98 | 0.39 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 1,4-Dioxane | 18 | U *+ | 18 | 0.17 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **2,2,4-Trimethylpentane** | **8.8** | | 0.93 | 0.18 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/18/25 01:41 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **1.7** | **J** | 2.1 | 0.53 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Acetone** | **33** | | 12 | 3.8 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Benzene** | **2.5** | | 0.64 | 0.14 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Carbon tetrachloride** | **0.52** | | 0.22 | 0.14 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Chloroform** | **0.40** | **J** | 0.98 | 0.20 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Chloromethane** | **1.2** | | 1.0 | 0.31 | ug/m3 | | | 09/18/25 01:41 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/18/25 01:41 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Cyclohexane** | **3.2** | | 0.69 | 0.11 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Ethylbenzene** | **2.4** | | 0.87 | 0.23 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Isopropyl alcohol** | **6.0** | **J** | 12 | 3.9 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **m,p-Xylene** | **8.1** | | 2.2 | 0.41 | ug/m3 | | | 09/18/25 01:41 | 1 |

## Client Sample ID: C241174_BL-IA01_MW16D190_091325 Lab Sample ID: 460-334962-1

**Date Collected: 09/13/25 13:41** **Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **18** | | 1.5 | 1.5 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Methylene Chloride** | **0.83** | **J** | 1.7 | 0.63 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **n-Butane** | **12** | | 1.2 | 0.48 | ug/m3 | | | 09/18/25 01:41 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **n-Heptane** | **4.9** | | 0.82 | 0.23 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **n-Hexane** | **5.0** | | 1.8 | 0.39 | ug/m3 | | | 09/18/25 01:41 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **o-Xylene** | **2.9** | | 0.87 | 0.23 | ug/m3 | | | 09/18/25 01:41 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/18/25 01:41 | 1 |
| tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 | ug/m3 | | | 09/18/25 01:41 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Toluene** | **71** | | 0.75 | 0.16 | ug/m3 | | | 09/18/25 01:41 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/18/25 01:41 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Trichlorofluoromethane** | **1.5** | | 1.1 | 0.28 | ug/m3 | | | 09/18/25 01:41 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/18/25 01:41 | 1 |
| **Xylene (total)** | **11** | | 2.2 | 0.061 | ug/m3 | | | 09/18/25 01:41 | 1 |

## Client Sample ID: C241174_BL-AA01_MW16D190_091325 Lab Sample ID: 460-334962-2

**Date Collected: 09/13/25 14:07** **Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/18/25 02:14 | 1 |

## Client Sample ID: C241174_BL-AA01_MW16D190_091325
## Lab Sample ID: 460-334962-2

**Date Collected: 09/13/25 14:07**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 1,4-Dioxane | 18 | U *+ | 18 | 0.17 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **2,2,4-Trimethylpentane** | **0.59** | **J** | 0.93 | 0.18 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/18/25 02:14 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Acetone** | **12** | | 12 | 3.8 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Benzene** | **0.48** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Chlorodifluoromethane** | **0.99** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Chloromethane** | **1.2** | | 1.0 | 0.31 | ug/m3 | | | 09/18/25 02:14 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/18/25 02:14 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Cyclohexane** | **0.28** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/18/25 02:14 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.7** | | 1.5 | 1.5 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **n-Butane** | **2.9** | | 1.2 | 0.48 | ug/m3 | | | 09/18/25 02:14 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/18/25 02:14 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **n-Hexane** | **0.54** | **J** | 1.8 | 0.39 | ug/m3 | | | 09/18/25 02:14 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 02:14 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/18/25 02:14 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/18/25 02:14 | 1 |
| tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 | ug/m3 | | | 09/18/25 02:14 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/18/25 02:14 | 1 |

## Client Sample ID: C241174_BL-AA01_MW16D190_091325
## Lab Sample ID: 460-334962-2

**Date Collected: 09/13/25 14:07**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Toluene** | **1.7** | | 0.75 | 0.16 | ug/m3 | | | 09/18/25 02:14 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/18/25 02:14 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/18/25 02:14 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/18/25 02:14 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/18/25 02:14 | 1 |

## Client Sample ID: C241174_BL-IA01_MW30P_091325
## Lab Sample ID: 460-334962-3

**Date Collected: 09/13/25 13:56**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **1,2,4-Trimethylbenzene** | **2.3** | | 0.98 | 0.39 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **1,3,5-Trimethylbenzene** | **0.44** | **J** | 0.98 | 0.23 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 1,4-Dioxane | 18 | U *+ | 18 | 0.17 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **2,2,4-Trimethylpentane** | **1.8** | | 0.93 | 0.18 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/18/25 02:48 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **4-Isopropyltoluene** | **0.99** | **J** | 1.1 | 0.34 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **2.9** | | 2.1 | 0.53 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Benzene** | **0.83** | | 0.64 | 0.14 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/18/25 02:48 | 1 |

## Client Sample ID: C241174_BL-IA01_MW30P_091325
## Lab Sample ID: 460-334962-3

**Date Collected: 09/13/25 13:56**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Carbon tetrachloride** | **0.57** | | 0.22 | 0.14 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Chloroform** | **0.31** | **J** | 0.98 | 0.20 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Chloromethane** | **1.1** | | 1.0 | 0.31 | ug/m3 | | | 09/18/25 02:48 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/18/25 02:48 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Cyclohexane** | **1.8** | | 0.69 | 0.11 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Ethylbenzene** | **31** | | 0.87 | 0.23 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Isopropyl alcohol** | **16** | | 12 | 3.9 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **m,p-Xylene** | **140** | | 2.2 | 0.41 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **20** | | 1.5 | 1.5 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Methyl methacrylate** | **8.7** | | 2.1 | 0.57 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Methylene Chloride** | **71** | | 1.7 | 0.63 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **n-Butane** | **14** | | 1.2 | 0.48 | ug/m3 | | | 09/18/25 02:48 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **n-Heptane** | **5.2** | | 0.82 | 0.23 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **n-Hexane** | **6.5** | | 1.8 | 0.39 | ug/m3 | | | 09/18/25 02:48 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **o-Xylene** | **36** | | 0.87 | 0.23 | ug/m3 | | | 09/18/25 02:48 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Styrene** | **5.3** | | 0.85 | 0.25 | ug/m3 | | | 09/18/25 02:48 | 1 |
| tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 | ug/m3 | | | 09/18/25 02:48 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/18/25 02:48 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/18/25 02:48 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Trichloroethene** | **0.52** | | 0.20 | 0.13 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Trichlorofluoromethane** | **1.3** | | 1.1 | 0.28 | ug/m3 | | | 09/18/25 02:48 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/18/25 02:48 | 1 |
| **Xylene (total)** | **180** | | 2.2 | 0.061 | ug/m3 | | | 09/18/25 02:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **290** | **D** | 120 | 38 | ug/m3 | | | 09/18/25 08:36 | 10 |
| **Toluene** | **400** | **D** | 7.5 | 1.6 | ug/m3 | | | 09/18/25 08:36 | 10 |

## Client Sample ID: C241174_BL-AA01_MW30D_091325
## Lab Sample ID: 460-334962-4

**Date Collected: 09/13/25 13:59**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 1,4-Dioxane | 18 | U *+ | 18 | 0.17 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **2,2,4-Trimethylpentane** | **0.61** | **J** | 0.93 | 0.18 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/18/25 03:22 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Acetone** | **11** | **J** | 12 | 3.8 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Benzene** | **0.48** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Chlorodifluoromethane** | **1.1** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Chloromethane** | **1.2** | | 1.0 | 0.31 | ug/m3 | | | 09/18/25 03:22 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/18/25 03:22 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Cyclohexane** | **0.29** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/18/25 03:22 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/18/25 03:22 | 1 |

## Client Sample ID: C241174_BL-AA01_MW30D_091325
## Lab Sample ID: 460-334962-4

**Date Collected: 09/13/25 13:59**
**Matrix: Air**
**Date Received: 09/15/25 18:30**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.5** | | 1.5 | 1.5 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/18/25 03:22 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/18/25 03:22 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/18/25 03:22 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **n-Hexane** | **0.54** | **J** | 1.8 | 0.39 | ug/m3 | | | 09/18/25 03:22 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/18/25 03:22 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/18/25 03:22 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/18/25 03:22 | 1 |
| tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 | ug/m3 | | | 09/18/25 03:22 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Toluene** | **1.1** | | 0.75 | 0.16 | ug/m3 | | | 09/18/25 03:22 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/18/25 03:22 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/18/25 03:22 | 1 |
| **Trichlorofluoromethane** | **1.3** | | 1.1 | 0.28 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/18/25 03:22 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/18/25 03:22 | 1 |

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

| Analyte | RL | MDL |
|---|---|---|
| 1,1,1-Trichloroethane | 1.1 ug/m3 | 0.24 ug/m3 |
| 1,1,2,2-Tetrachloroethane | 1.4 ug/m3 | 0.30 ug/m3 |
| 1,1,2-Trichloroethane | 1.1 ug/m3 | 0.40 ug/m3 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 ug/m3 | 0.41 ug/m3 |
| 1,1-Dichloroethane | 0.81 ug/m3 | 0.10 ug/m3 |
| 1,1-Dichloroethene | 0.20 ug/m3 | 0.10 ug/m3 |
| 1,2,4-Trichlorobenzene | 3.7 ug/m3 | 0.38 ug/m3 |
| 1,2,4-Trimethylbenzene | 0.98 ug/m3 | 0.39 ug/m3 |
| 1,2-Dibromoethane | 1.5 ug/m3 | 0.32 ug/m3 |
| 1,2-Dichlorobenzene | 1.2 ug/m3 | 0.40 ug/m3 |
| 1,2-Dichloroethane | 0.81 ug/m3 | 0.38 ug/m3 |
| 1,2-Dichloropropane | 0.92 ug/m3 | 0.43 ug/m3 |
| 1,2-Dichlorotetrafluoroethane | 1.4 ug/m3 | 0.34 ug/m3 |
| 1,3,5-Trimethylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| 1,3-Butadiene | 0.44 ug/m3 | 0.086 ug/m3 |
| 1,3-Dichlorobenzene | 1.2 ug/m3 | 0.45 ug/m3 |
| 1,4-Dichlorobenzene | 1.2 ug/m3 | 0.54 ug/m3 |
| 1,4-Dioxane | 18 ug/m3 | 0.17 ug/m3 |
| 2,2,4-Trimethylpentane | 0.93 ug/m3 | 0.18 ug/m3 |
| 2-Chlorotoluene | 1.0 ug/m3 | 0.24 ug/m3 |
| 3-Chloropropene | 1.6 ug/m3 | 0.38 ug/m3 |
| 4-Ethyltoluene | 0.98 ug/m3 | 0.24 ug/m3 |
| 4-Isopropyltoluene | 1.1 ug/m3 | 0.34 ug/m3 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 ug/m3 | 0.53 ug/m3 |
| Acetone | 12 ug/m3 | 3.8 ug/m3 |
| Benzene | 0.64 ug/m3 | 0.14 ug/m3 |
| Benzyl chloride | 1.0 ug/m3 | 0.46 ug/m3 |
| Bromodichloromethane | 1.3 ug/m3 | 0.34 ug/m3 |
| Bromoethene(Vinyl Bromide) | 0.88 ug/m3 | 0.22 ug/m3 |
| Bromoform | 2.1 ug/m3 | 1.2 ug/m3 |
| Bromomethane | 0.78 ug/m3 | 0.28 ug/m3 |
| Carbon disulfide | 1.6 ug/m3 | 0.41 ug/m3 |
| Carbon tetrachloride | 0.22 ug/m3 | 0.14 ug/m3 |
| Chlorobenzene | 0.92 ug/m3 | 0.20 ug/m3 |
| Chlorodifluoromethane | 1.8 ug/m3 | 0.42 ug/m3 |
| Chloroethane | 1.3 ug/m3 | 0.48 ug/m3 |
| Chloroform | 0.98 ug/m3 | 0.20 ug/m3 |
| Chloromethane | 1.0 ug/m3 | 0.31 ug/m3 |
| cis-1,2-Dichloroethene | 0.20 ug/m3 | 0.083 ug/m3 |
| cis-1,3-Dichloropropene | 0.91 ug/m3 | 0.20 ug/m3 |
| Cumene | 0.98 ug/m3 | 0.20 ug/m3 |
| Cyclohexane | 0.69 ug/m3 | 0.11 ug/m3 |
| Dibromochloromethane | 1.7 ug/m3 | 0.13 ug/m3 |
| Dichlorodifluoromethane | 2.5 ug/m3 | 0.54 ug/m3 |
| Ethylbenzene | 0.87 ug/m3 | 0.23 ug/m3 |
| Hexachlorobutadiene | 2.1 ug/m3 | 1.2 ug/m3 |
| Isopropyl alcohol | 12 ug/m3 | 3.9 ug/m3 |
| m,p-Xylene | 2.2 ug/m3 | 0.41 ug/m3 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 ug/m3 | 0.62 ug/m3 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 ug/m3 | 1.5 ug/m3 |
| Methyl methacrylate | 2.1 ug/m3 | 0.57 ug/m3 |
| Methyl tert-butyl ether | 0.72 ug/m3 | 0.13 ug/m3 |
| Methylene Chloride | 1.7 ug/m3 | 0.63 ug/m3 |

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

| Analyte | RL | MDL |
|---|---|---|
| Naphthalene | 2.0 ug/m3 | 1.6 ug/m3 |
| n-Butane | 1.2 ug/m3 | 0.48 ug/m3 |
| n-Butylbenzene | 1.1 ug/m3 | 0.60 ug/m3 |
| n-Heptane | 0.82 ug/m3 | 0.23 ug/m3 |
| n-Hexane | 1.8 ug/m3 | 0.39 ug/m3 |
| n-Propylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| o-Xylene | 0.87 ug/m3 | 0.23 ug/m3 |
| sec-Butylbenzene | 1.1 ug/m3 | 0.25 ug/m3 |
| Styrene | 0.85 ug/m3 | 0.25 ug/m3 |
| tert-Butyl alcohol | 15 ug/m3 | 3.6 ug/m3 |
| tert-Butylbenzene | 1.1 ug/m3 | 0.26 ug/m3 |
| Tetrachloroethene | 1.4 ug/m3 | 0.14 ug/m3 |
| Tetrahydrofuran | 15 ug/m3 | 3.8 ug/m3 |
| Toluene | 0.75 ug/m3 | 0.16 ug/m3 |
| trans-1,2-Dichloroethene | 0.79 ug/m3 | 0.091 ug/m3 |
| trans-1,3-Dichloropropene | 0.91 ug/m3 | 0.25 ug/m3 |
| Trichloroethene | 0.20 ug/m3 | 0.13 ug/m3 |
| Trichlorofluoromethane | 1.1 ug/m3 | 0.28 ug/m3 |
| Vinyl chloride | 0.20 ug/m3 | 0.054 ug/m3 |
| Xylene (total) | 2.2 ug/m3 | 0.061 ug/m3 |

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

**Lab Sample ID: MB 410-700672/6**
**Matrix: Air**
**Analysis Batch: 700672**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/17/25 23:26 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Acetone | 12 | U | 12 | 3.8 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.31 | ug/m3 | | | 09/17/25 23:26 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/17/25 23:26 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.11 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/17/25 23:26 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/17/25 23:26 | 1 |

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

**Lab Sample ID: MB 410-700672/6**
**Matrix: Air**
**Analysis Batch: 700672**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/17/25 23:26 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/17/25 23:26 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/17/25 23:26 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/17/25 23:26 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/17/25 23:26 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/17/25 23:26 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/17/25 23:26 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/17/25 23:26 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/17/25 23:26 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.16 | ug/m3 | | | 09/17/25 23:26 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/17/25 23:26 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/17/25 23:26 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/17/25 23:26 | 1 |

**Lab Sample ID: LCS 410-700672/4**
**Matrix: Air**
**Analysis Batch: 700672**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 27.3 | 28.9 | | ug/m3 | | 106 | 70 - 130 |
| 1,1,2,2-Tetrachloroethane | 34.3 | 33.2 | | ug/m3 | | 97 | 61 - 130 |
| 1,1,2-Trichloroethane | 27.3 | 27.6 | | ug/m3 | | 101 | 70 - 130 |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 43.6 | | ug/m3 | | 114 | 70 - 130 |
| 1,1-Dichloroethane | 20.2 | 20.2 | | ug/m3 | | 100 | 70 - 130 |
| 1,1-Dichloroethene | 19.8 | 21.8 | | ug/m3 | | 110 | 70 - 131 |
| 1,2,4-Trichlorobenzene | 37.1 | 41.7 | | ug/m3 | | 112 | 52 - 143 |
| 1,2,4-Trimethylbenzene | 24.6 | 25.4 | | ug/m3 | | 103 | 65 - 146 |
| 1,2-Dibromoethane | 38.4 | 37.9 | | ug/m3 | | 99 | 70 - 130 |
| 1,2-Dichlorobenzene | 30.1 | 30.5 | | ug/m3 | | 101 | 61 - 139 |
| 1,2-Dichloroethane | 20.2 | 20.2 | | ug/m3 | | 100 | 70 - 131 |
| 1,2-Dichloropropane | 23.1 | 22.7 | | ug/m3 | | 98 | 70 - 130 |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 41.0 | | ug/m3 | | 117 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 24.6 | 27.5 | | ug/m3 | | 112 | 69 - 141 |
| 1,3-Butadiene | 11.1 | 11.4 | | ug/m3 | | 103 | 70 - 131 |
| 1,3-Dichlorobenzene | 30.1 | 30.3 | | ug/m3 | | 101 | 64 - 140 |
| 1,4-Dichlorobenzene | 30.1 | 30.1 | | ug/m3 | | 100 | 64 - 137 |

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

**Lab Sample ID: LCS 410-700672/4**
**Matrix: Air**
**Analysis Batch: 700672**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 18.0 | 24.4 | *+ | ug/m3 | | 135 | 70 - 130 |
| 2,2,4-Trimethylpentane | 23.4 | 24.0 | | ug/m3 | | 103 | 70 - 130 |
| 2-Chlorotoluene | 25.9 | 26.1 | | ug/m3 | | 101 | 70 - 130 |
| 3-Chloropropene | 15.7 | 15.3 | | ug/m3 | | 98 | 70 - 137 |
| 4-Ethyltoluene | 24.6 | 26.3 | | ug/m3 | | 107 | 69 - 139 |
| 4-Isopropyltoluene | 27.4 | 28.0 | | ug/m3 | | 102 | 60 - 148 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 22.7 | | ug/m3 | | 111 | 68 - 133 |
| Acetone | 11.9 | 13.1 | | ug/m3 | | 110 | 70 - 137 |
| Benzene | 16.0 | 15.5 | | ug/m3 | | 97 | 70 - 130 |
| Benzyl chloride | 25.9 | 25.7 | | ug/m3 | | 99 | 57 - 142 |
| Bromodichloromethane | 33.5 | 32.6 | | ug/m3 | | 97 | 70 - 130 |
| Bromoethene(Vinyl Bromide) | 21.9 | 21.3 | | ug/m3 | | 98 | 70 - 130 |
| Bromoform | 51.7 | 52.8 | | ug/m3 | | 102 | 60 - 139 |
| Bromomethane | 19.4 | 20.6 | | ug/m3 | | 106 | 70 - 140 |
| Carbon disulfide | 15.6 | 14.3 | | ug/m3 | | 92 | 70 - 130 |
| Carbon tetrachloride | 31.5 | 35.3 | | ug/m3 | | 112 | 70 - 130 |
| Chlorobenzene | 23.0 | 21.5 | | ug/m3 | | 93 | 70 - 130 |
| Chlorodifluoromethane | 17.7 | 21.7 | | ug/m3 | | 123 | 70 - 132 |
| Chloroethane | 13.2 | 13.1 | | ug/m3 | | 99 | 70 - 131 |
| Chloroform | 24.4 | 24.4 | | ug/m3 | | 100 | 70 - 130 |
| Chloromethane | 10.3 | 11.8 | | ug/m3 | | 114 | 64 - 138 |
| cis-1,2-Dichloroethene | 19.8 | 19.8 | | ug/m3 | | 100 | 70 - 130 |
| cis-1,3-Dichloropropene | 22.7 | 21.9 | | ug/m3 | | 97 | 70 - 130 |
| Cumene | 24.6 | 25.8 | | ug/m3 | | 105 | 70 - 137 |
| Cyclohexane | 17.2 | 17.9 | | ug/m3 | | 104 | 61 - 130 |
| Dibromochloromethane | 42.6 | 42.4 | | ug/m3 | | 100 | 70 - 130 |
| Dichlorodifluoromethane | 24.7 | 26.4 | | ug/m3 | | 107 | 70 - 131 |
| Ethylbenzene | 21.7 | 21.4 | | ug/m3 | | 99 | 70 - 130 |
| Hexachlorobutadiene | 53.3 | 53.7 | | ug/m3 | | 101 | 40 - 157 |
| Isopropyl alcohol | 12.3 | 14.3 | | ug/m3 | | 116 | 62 - 135 |
| m,p-Xylene | 21.7 | 22.1 | | ug/m3 | | 102 | 70 - 130 |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 24.0 | | ug/m3 | | 117 | 57 - 141 |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 16.3 | | ug/m3 | | 110 | 70 - 130 |
| Methyl methacrylate | 20.5 | 21.2 | | ug/m3 | | 103 | 70 - 130 |
| Methyl tert-butyl ether | 18.0 | 19.7 | | ug/m3 | | 109 | 70 - 130 |
| Methylene Chloride | 17.4 | 18.3 | | ug/m3 | | 105 | 70 - 130 |
| Naphthalene | 30.4 | 30.1 | | ug/m3 | | 99 | 22 - 139 |
| n-Butylbenzene | 27.4 | 27.8 | | ug/m3 | | 101 | 57 - 143 |
| n-Heptane | 20.5 | 20.8 | | ug/m3 | | 102 | 70 - 130 |
| n-Hexane | 17.6 | 17.0 | | ug/m3 | | 96 | 61 - 130 |
| n-Propylbenzene | 24.6 | 25.5 | | ug/m3 | | 104 | 70 - 130 |
| o-Xylene | 21.7 | 21.8 | | ug/m3 | | 100 | 70 - 130 |
| sec-Butylbenzene | 27.4 | 28.6 | | ug/m3 | | 104 | 66 - 141 |
| Styrene | 21.3 | 21.3 | | ug/m3 | | 100 | 70 - 133 |
| tert-Butyl alcohol | 16.8 | 23.7 | *+ | ug/m3 | | 141 | 50 - 130 |

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

**Lab Sample ID: LCS 410-700672/4**
**Matrix: Air**
**Analysis Batch: 700672**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | 27.4 | 31.0 | | ug/m3 | | 113 | 63 - 130 |
| Tetrachloroethene | 33.9 | 33.3 | | ug/m3 | | 98 | 70 - 140 |
| Tetrahydrofuran | 14.7 | 14.8 | J | ug/m3 | | 100 | 54 - 143 |
| Toluene | 18.8 | 18.3 | | ug/m3 | | 97 | 70 - 130 |
| trans-1,2-Dichloroethene | 19.8 | 19.4 | | ug/m3 | | 98 | 70 - 130 |
| trans-1,3-Dichloropropene | 22.7 | 24.9 | | ug/m3 | | 110 | 70 - 130 |
| Trichloroethene | 26.9 | 25.4 | | ug/m3 | | 95 | 70 - 130 |
| Trichlorofluoromethane | 28.1 | 30.9 | | ug/m3 | | 110 | 70 - 130 |
| Vinyl chloride | 12.8 | 15.2 | | ug/m3 | | 119 | 70 - 135 |
| Xylene (total) | 43.4 | 43.9 | | ug/m3 | | 101 | 70 - 130 |

# QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

## Air - GC/MS VOA

### Analysis Batch: 700672

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-334962-1 | C241174_BL-IA01_MW16D190_091325 | Total/NA | Air | TO 15 LL | |
| 460-334962-2 | C241174_BL-AA01_MW16D190_091325 | Total/NA | Air | TO 15 LL | |
| 460-334962-3 | C241174_BL-IA01_MW30P_091325 | Total/NA | Air | TO 15 LL | |
| 460-334962-3 - DL | C241174_BL-IA01_MW30P_091325 | Total/NA | Air | TO 15 LL | |
| 460-334962-4 | C241174_BL-AA01_MW30D_091325 | Total/NA | Air | TO 15 LL | |
| MB 410-700672/6 | Method Blank | Total/NA | Air | TO 15 LL | |
| LCS 410-700672/4 | Lab Control Sample | Total/NA | Air | TO 15 LL | |

# Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

## Client Sample ID: C241174_BL-IA01_MW16D190_091325
**Lab Sample ID: 460-334962-1**
**Date Collected: 09/13/25 13:41**
**Matrix: Air**
**Date Received: 09/15/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 700672 | D7UM | ELLE | 09/18/25 01:41 |

## Client Sample ID: C241174_BL-AA01_MW16D190_091325
**Lab Sample ID: 460-334962-2**
**Date Collected: 09/13/25 14:07**
**Matrix: Air**
**Date Received: 09/15/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 700672 | D7UM | ELLE | 09/18/25 02:14 |

## Client Sample ID: C241174_BL-IA01_MW30P_091325
**Lab Sample ID: 460-334962-3**
**Date Collected: 09/13/25 13:56**
**Matrix: Air**
**Date Received: 09/15/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 700672 | D7UM | ELLE | 09/18/25 02:48 |
| Total/NA | Analysis | TO 15 LL | DL | 10 | 700672 | D7UM | ELLE | 09/18/25 08:36 |

## Client Sample ID: C241174_BL-AA01_MW30D_091325
**Lab Sample ID: 460-334962-4**
**Date Collected: 09/13/25 13:59**
**Matrix: Air**
**Date Received: 09/15/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 700672 | D7UM | ELLE | 09/18/25 03:22 |

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

# Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| A2LA | Dept. of Defense ELAP | 0001.01 | 11-30-26 |
| A2LA | Dept. of Energy | 0001.01 | 11-30-26 |
| A2LA | ISO/IEC 17025 | 0001.01 | 11-30-26 |
| Alabama | State | 43200 | 01-31-26 |
| Alaska | State | PA00009 | 06-30-26 |
| Alaska (UST) | State | 17-027 | 12-30-26 |
| Arizona | State | AZ0780 | 03-12-26 |
| Arkansas DEQ | State | 88-00660 | 08-09-26 |
| California | State | 2792 | 01-31-26 |
| Colorado | State | PA00009 | 06-30-26 |
| Connecticut | State | PH-0746 | 06-30-27 |
| DE Haz. Subst. Cleanup Act (HSCA) | State | 019-006 (PA cert) | 01-31-26 |
| Delaware (DW) | State | N/A | 01-31-26 |
| Florida | NELAP | E87997 | 07-01-26 |
| Georgia (DW) | State | C048 | 01-31-26 |
| Illinois | NELAP | 200027 | 01-31-26 |
| Iowa | State | 361 | 03-01-26 |
| Kansas | NELAP | E-10151 | 10-31-25 |
| Kentucky (DW) | State | KY90088 | 12-31-25 |
| Kentucky (UST) | State | 0001.01 | 11-30-26 |
| Kentucky (WW) | State | KY90088 | 12-31-25 |
| Louisiana (All) | NELAP | 02055 | 06-30-26 |
| Maine | State | 2019012 | 03-12-27 |
| Maryland | State | 100 | 06-30-26 |
| Massachusetts | State | M-PA009 | 06-30-26 |
| Michigan | State | 9930 | 01-31-26 |
| Minnesota | NELAP | 042-999-487 | 12-31-25 |
| Mississippi | State | 023 | 01-31-26 |
| Missouri | State | 450 | 01-31-28 |
| Montana (DW) | State | 0098 | 01-01-26 |
| Nebraska | State | NE-OS-32-17 | 01-31-26 |
| New Hampshire | NELAP | 2730 | 01-10-26 |
| New Jersey | NELAP | PA011 | 06-30-26 |
| New York | NELAP | 10670 | 04-01-26 |
| North Carolina (DW) | State | 42705 | 07-31-26 |
| North Carolina (WW/SW) | State | 521 | 12-31-25 |
| North Dakota | State | R-205 | 01-31-24 * |

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Oklahoma | NELAP | 9804 | 12-31-25 |
| Oregon | NELAP | PA200001 | 09-12-26 |
| Pennsylvania | NELAP | 36-00037 | 01-31-26 |
| Quebec Ministry of Environment and Fight against Climate Change | PALA | 507 | 09-16-29 |
| Rhode Island | State | LAO00338 | 12-30-25 |
| South Carolina | State | 89002 | 01-31-26 |
| Tennessee | State | 02838 | 01-31-26 |
| Texas | NELAP | T104704194-23-46 | 08-31-26 |
| USDA | US Federal Programs | 525-22-298-19481 | 10-25-25 |
| Vermont | State | VT - 36037 | 10-27-25 |
| Virginia | NELAP | 460182 | 06-14-26 |
| Washington | State | C457 | 04-11-26 |
| West Virginia (DW) | State | 9906 C | 03-31-26 |
| West Virginia DEP | State | 055 | 07-31-26 |
| Wyoming | State | 8TMS-L | 01-31-26 |
| Wyoming (UST) | A2LA | 0001.01 | 11-30-26 |

# Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

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

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

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

# Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 460-334962-1 | C241174_BL-IA01_MW16D190_091325 | Air | 09/13/25 13:41 | 09/15/25 18:30 | Air Canister (6-Liter) #1512 |
| 460-334962-2 | C241174_BL-AA01_MW16D190_091325 | Air | 09/13/25 14:07 | 09/15/25 18:30 | Air Canister (6-Liter) #1624 |
| 460-334962-3 | C241174_BL-IA01_MW30P_091325 | Air | 09/13/25 13:56 | 09/15/25 18:30 | Air Canister (6-Liter) #1929 |
| 460-334962-4 | C241174_BL-AA01_MW30D_091325 | Air | 09/13/25 13:59 | 09/15/25 18:30 | Air Canister (6-Liter) #883 |

# Quantitation Limit Exceptions Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-334962-1
Project/Site: ABC Block 26 - Air

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte | Matrix | Prep Type | Unit | Client RL | Lab PQL |
|---|---|---|---|---|---|---|
| TO 15 LL | 1,1,2-Trichlorotrifluoroethane | Air | Total/NA | ug/m3 | 1.5 | 1.53 |
| TO 15 LL | 1,2,4-Trichlorobenzene | Air | Total/NA | ug/m3 | 3.7 | 3.71 |
| TO 15 LL | 1,2,4-Trimethylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | 1,2-Dibromoethane | Air | Total/NA | ug/m3 | 1.5 | 1.54 |
| TO 15 LL | 1,2-Dichloropropane | Air | Total/NA | ug/m3 | 0.92 | 0.924 |
| TO 15 LL | 1,3,5-Trimethylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | 1,3-Butadiene | Air | Total/NA | ug/m3 | 0.44 | 0.442 |
| TO 15 LL | 2,2,4-Trimethylpentane | Air | Total/NA | ug/m3 | 0.93 | 0.934 |
| TO 15 LL | 2-Chlorotoluene | Air | Total/NA | ug/m3 | 1.0 | 1.04 |
| TO 15 LL | 4-Ethyltoluene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Benzyl chloride | Air | Total/NA | ug/m3 | 1.0 | 1.04 |
| TO 15 LL | Bromodichloromethane | Air | Total/NA | ug/m3 | 1.3 | 1.34 |
| TO 15 LL | Chlorobenzene | Air | Total/NA | ug/m3 | 0.92 | 0.921 |
| TO 15 LL | Chloroethane | Air | Total/NA | ug/m3 | 1.3 | 1.32 |
| TO 15 LL | Chloromethane | Air | Total/NA | ug/m3 | 1.0 | 1.03 |
| TO 15 LL | Cumene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Hexachlorobutadiene | Air | Total/NA | ug/m3 | 2.1 | 2.13 |
| TO 15 LL | Isopropyl alcohol | Air | Total/NA | ug/m3 | 12 | 12.3 |
| TO 15 LL | Methyl tert-butyl ether | Air | Total/NA | ug/m3 | 0.72 | 0.721 |
| TO 15 LL | Methylene Chloride | Air | Total/NA | ug/m3 | 1.7 | 1.74 |
| TO 15 LL | n-Propylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Styrene | Air | Total/NA | ug/m3 | 0.85 | 0.852 |
| TO 15 LL | tert-Butyl alcohol | Air | Total/NA | ug/m3 | 15 | 15.2 |
| TO 15 LL | Toluene | Air | Total/NA | ug/m3 | 0.75 | 0.754 |
| TO 15 LL | trans-1,2-Dichloroethene | Air | Total/NA | ug/m3 | 0.79 | 0.793 |
| TO 15 LL | Trichlorofluoromethane | Air | Total/NA | ug/m3 | 1.1 | 1.12 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/3  Client Sample ID:

Date Analyzed: 09/07/25 22:59  Lab File ID: 7S07X03.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 3.78 | Split Peak | D7UM | 09/10/25 09:24 |
| n-Butane | 4.02 | Baseline | D7UM | 09/10/25 11:08 |
| 1,3-Butadiene | 4.11 | Other | UKEK | 09/11/25 07:29 |
| Acetone | 6.41 | Split Peak | D7UM | 09/10/25 09:24 |
| Isopropyl alcohol | 6.61 | Split Peak | D7UM | 09/10/25 09:24 |
| 3-Chloropropene | 6.99 | Split Peak | D7UM | 09/10/25 09:25 |
| tert-Butyl alcohol | 7.29 | Baseline | D7UM | 09/10/25 09:25 |
| 1,4-Dioxane | | Invalid Compound ID | D7UM | 09/10/25 10:02 |
| Bromomethane | | Split Peak | JXC9 | 09/09/25 13:59 |
| Chloroethane | | Split Peak | JXC9 | 09/09/25 13:59 |
| Methyl methacrylate | | Invalid Compound ID | D7UM | 09/10/25 09:26 |
| Tetrahydrofuran | | Invalid Compound ID | D7UM | 09/10/25 09:26 |
| Carbon tetrachloride | 10.32 | Baseline | D7UM | 09/10/25 09:26 |
| Benzene | 10.60 | Split Peak | D7UM | 09/10/25 09:26 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:01 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:27 |
| m,p-Xylene | 14.67 | Peak assignment corrected | D7UM | 09/10/25 09:27 |
| 4-Ethyltoluene | 15.67 | Split Peak | D7UM | 09/10/25 09:28 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | D7UM | 09/10/25 09:28 |
| 4-Isopropyltoluene | 16.21 | Split Peak | D7UM | 09/10/25 09:28 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/4  Client Sample ID:

Date Analyzed: 09/07/25 23:25  Lab File ID: 7S07X04.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 3.76 | Split Peak | JXC9 | 09/09/25 13:47 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:08 |
| Chloroethane | 4.91 | Split Peak | D7UM | 09/10/25 09:30 |
| Acetone | 6.39 | Split Peak | JXC9 | 09/09/25 13:51 |
| Isopropyl alcohol | 6.61 | Split Peak | D7UM | 09/10/25 09:31 |
| 3-Chloropropene | 6.98 | Other | UKEK | 09/11/25 07:33 |
| Tetrahydrofuran | 9.65 | Split Peak | JXC9 | 09/09/25 13:53 |
| Methyl Ethyl Ketone (2-Butanone) | | Invalid Compound ID | D7UM | 09/10/25 09:31 |
| Carbon tetrachloride | 10.31 | Baseline | JXC9 | 09/09/25 13:54 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:02 |
| Toluene | 13.13 | Split Peak | JXC9 | 09/09/25 13:55 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:33 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/09/25 13:56 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:56 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:33 |
| sec-Butylbenzene | 16.11 | Split Peak | JXC9 | 09/09/25 13:56 |
| 4-Isopropyltoluene | 16.21 | Split Peak | D7UM | 09/10/25 09:33 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/5  Client Sample ID:

Date Analyzed: 09/07/25 23:52  Lab File ID: 7S07X05.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:07 |
| Chloroethane | 4.91 | Baseline | D7UM | 09/10/25 09:34 |
| Isopropyl alcohol | 6.60 | Split Peak | JXC9 | 09/09/25 13:51 |
| Tetrahydrofuran | 9.64 | Split Peak | D7UM | 09/10/25 09:35 |
| 1,2-Dichloropropane | 11.93 | Split Peak | JXC9 | 09/09/25 13:41 |
| Methyl methacrylate | 11.95 | Split Peak | JXC9 | 09/09/25 13:41 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:02 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:36 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | D7UM | 09/10/25 09:36 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:42 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:42 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:36 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/6  Client Sample ID:

Date Analyzed: 09/08/25 00:19  Lab File ID: 7S07X06.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chlorodifluoromethane | 3.41 | Split Peak | JXC9 | 09/09/25 13:27 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:07 |
| Chloroethane | 4.91 | Split Peak | D7UM | 09/10/25 09:39 |
| tert-Butyl alcohol | 7.30 | Split Peak | JXC9 | 09/09/25 13:28 |
| Methyl methacrylate | 11.94 | Split Peak | JXC9 | 09/09/25 13:31 |
| Toluene | 13.13 | Split Peak | JXC9 | 09/09/25 13:31 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:39 |
| 1,1,2-Trichloroethane | 13.55 | Split Peak | JXC9 | 09/09/25 13:30 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:39 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 13:30 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:30 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:31 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:40 |

Lab Sample ID: IC 410-695447/7  Client Sample ID:

Date Analyzed: 09/08/25 00:45  Lab File ID: 7S07X07.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:05 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:03 |
| 1,1,2-Trichloroethane | 13.55 | Split Peak | JXC9 | 09/09/25 13:23 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 13:24 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:24 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:24 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:23 |
| Benzyl chloride | 16.37 | Split Peak | JXC9 | 09/09/25 13:24 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Dichlorodifluoromethane | 3.38 | Peak assignment corrected | D7UM | 09/08/25 13:55 |
| Chlorodifluoromethane | 3.41 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| 1,2-Dichlorotetrafluoroethane | 3.64 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| Chloromethane | 3.77 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:05 |
| Vinyl chloride | 4.01 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| 1,3-Butadiene | 4.09 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Bromomethane | 4.69 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Chloroethane | 4.91 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Bromoethene(Vinyl Bromide) | 5.27 | Peak assignment corrected | D7UM | 09/08/25 14:44 |
| Trichlorofluoromethane | 5.40 | Peak assignment corrected | D7UM | 09/08/25 14:45 |
| 1,1-Dichloroethene | 6.35 | Peak assignment corrected | D7UM | 09/08/25 14:48 |
| 1,1,2-Trichlorotrifluoroethane | 6.37 | Peak assignment corrected | UKEK | 09/11/25 07:56 |
| Acetone | 6.38 | Peak assignment corrected | D7UM | 09/08/25 14:48 |
| Isopropyl alcohol | 6.59 | Split Peak | D7UM | 09/10/25 09:20 |
| Carbon disulfide | 6.76 | Peak assignment corrected | D7UM | 09/08/25 15:00 |
| 3-Chloropropene | 6.97 | Peak assignment corrected | D7UM | 09/08/25 14:49 |
| Methylene Chloride | 7.19 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| tert-Butyl alcohol | 7.29 | Peak assignment corrected | D7UM | 09/08/25 14:49 |
| Methyl tert-butyl ether | 7.63 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| trans-1,2-Dichloroethene | 7.66 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| n-Hexane | 8.11 | Peak assignment corrected | D7UM | 09/08/25 14:50 |
| 1,1-Dichloroethane | 8.35 | Peak assignment corrected | D7UM | 09/08/25 15:02 |
| Methyl Ethyl Ketone (2-Butanone) | 9.18 | Peak assignment corrected | D7UM | 09/08/25 15:02 |
| cis-1,2-Dichloroethene | 9.24 | Peak assignment corrected | D7UM | 09/08/25 15:03 |
| Tetrahydrofuran | 9.64 | Peak assignment corrected | D7UM | 09/08/25 14:51 |
| Chloroform | 9.75 | Peak assignment corrected | D7UM | 09/08/25 14:52 |
| 1,1,1-Trichloroethane | 10.05 | Peak assignment corrected | D7UM | 09/08/25 15:03 |
| Cyclohexane | 10.19 | Peak assignment corrected | D7UM | 09/08/25 14:52 |

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AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Carbon tetrachloride | 10.30 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| Benzene | 10.59 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| 1,2-Dichloroethane | 10.65 | Peak assignment corrected | D7UM | 09/08/25 14:53 |
| 2,2,4-Trimethylpentane | 10.78 | Peak assignment corrected | D7UM | 09/08/25 14:53 |
| n-Heptane | 11.02 | Peak assignment corrected | D7UM | 09/08/25 14:54 |
| 1,4-Difluorobenzene | 11.21 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| Trichloroethene | 11.59 | Peak assignment corrected | D7UM | 09/08/25 15:05 |
| 1,2-Dichloropropane | 11.93 | Peak assignment corrected | D7UM | 09/08/25 14:55 |
| Methyl methacrylate | 11.94 | Peak assignment corrected | D7UM | 09/08/25 15:05 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:03 |
| Bromodichloromethane | 12.24 | Peak assignment corrected | D7UM | 09/08/25 15:06 |
| cis-1,3-Dichloropropene | 12.75 | Peak assignment corrected | D7UM | 09/08/25 15:07 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| Toluene | 13.13 | Peak assignment corrected | D7UM | 09/08/25 15:07 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:20 |
| 1,1,2-Trichloroethane | 13.55 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Tetrachloroethene | 13.66 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Methyl Butyl Ketone (2-Hexanone) | 13.72 | Peak assignment corrected | D7UM | 09/08/25 14:56 |
| Dibromochloromethane | 13.93 | Peak assignment corrected | D7UM | 09/08/25 14:56 |
| 1,2-Dibromoethane | 14.06 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Chlorobenzene | 14.49 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Ethylbenzene | 14.56 | Peak assignment corrected | D7UM | 09/08/25 15:09 |
| m,p-Xylene | 14.67 | Peak assignment corrected | D7UM | 09/08/25 15:09 |
| o-Xylene | 14.99 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Styrene | 15.00 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Bromoform | 15.17 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Cumene | 15.27 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | D7UM | 09/10/25 09:20 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| N-Propylbenzene | 15.58 | Peak assignment corrected | D7UM | 09/08/25 14:58 |
| 4-Ethyltoluene | 15.66 | Split Peak | D7UM | 09/08/25 15:12 |
| 2-Chlorotoluene | 15.67 | Peak assignment corrected | D7UM | 09/08/25 15:12 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | D7UM | 09/08/25 15:13 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:21 |
| 1,2,4-Trimethylbenzene | 15.98 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| sec-Butylbenzene | 16.11 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| 4-Isopropyltoluene | 16.21 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,3-Dichlorobenzene | 16.23 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| 1,4-Dichlorobenzene | 16.30 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| Benzyl chloride | 16.37 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| n-Butylbenzene | 16.51 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,2-Dichlorobenzene | 16.58 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,2,4-Trichlorobenzene | 17.88 | Peak assignment corrected | D7UM | 09/08/25 15:15 |
| Hexachlorobutadiene | 17.97 | Peak assignment corrected | D7UM | 09/08/25 15:15 |
| Naphthalene | 18.15 | Peak assignment corrected | D7UM | 09/08/25 14:59 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/9  Client Sample ID:

Date Analyzed: 09/08/25 01:42  Lab File ID: 7S07X09.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:09 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:19 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:35 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:35 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:35 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:18 |

Lab Sample ID: IC 410-695447/10  Client Sample ID:

Date Analyzed: 09/08/25 02:10  Lab File ID: 7S07X10.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Peak assignment corrected | D7UM | 09/10/25 11:09 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:04 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:39 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:40 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:40 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:17 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/11  Client Sample ID:

Date Analyzed: 09/08/25 02:41  Lab File ID: 7S07X11.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Peak assignment corrected | D7UM | 09/10/25 11:09 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:05 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:05 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:41 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:41 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:41 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:16 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 700672

Lab Sample ID: CCVIS 410-700672/3  Client Sample ID:

Date Analyzed: 09/17/25 20:59  Lab File ID: 7S17X07.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 15.49 | Split Peak | JXC9 | 09/18/25 14:59 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/18/25 15:00 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/18/25 15:00 |

Lab Sample ID: LCS 410-700672/4  Client Sample ID:

Date Analyzed: 09/17/25 22:27  Lab File ID: 7S17X03x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| tert-Butyl alcohol | 7.29 | Split Peak | JXC9 | 09/18/25 15:04 |
| 1,4-Dioxane | 11.99 | Split Peak | JXC9 | 09/18/25 15:04 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | JXC9 | 09/18/25 15:02 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/18/25 15:02 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/18/25 15:02 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/18/25 15:03 |

Lab Sample ID: MB 410-700672/6  Client Sample ID:

Date Analyzed: 09/17/25 23:26  Lab File ID: 7S17X05x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloroethane | | Invalid Compound ID | JXC9 | 09/18/25 15:05 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 700672

Lab Sample ID: 460-334962-1  Client Sample ID: C241174_BL-IA01_MW16D190_091325

Date Analyzed: 09/18/25 01:41  Lab File ID: 7S17X09x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.02 | Baseline | D7UM | 09/19/25 09:02 |
| Methylene Chloride | 7.20 | Split Peak | D7UM | 09/19/25 08:59 |
| n-Hexane | 8.12 | Split Peak | D7UM | 09/19/25 08:59 |
| 1,1,2-Trichloroethane | | Invalid Compound ID | D7UM | 09/19/25 08:59 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | D7UM | 09/19/25 08:58 |
| 4-Ethyltoluene | | Invalid Compound ID | D7UM | 09/19/25 08:59 |
| Chlorodifluoromethane | | Invalid Compound ID | D7UM | 09/19/25 08:58 |
| Methyl methacrylate | | Invalid Compound ID | D7UM | 09/19/25 08:59 |
| Styrene | | Invalid Compound ID | D7UM | 09/19/25 08:59 |

Lab Sample ID: 460-334962-2  Client Sample ID: C241174_BL-AA01_MW16D190_091325

Date Analyzed: 09/18/25 02:14  Lab File ID: 7S17X10x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.00 | Baseline | D7UM | 09/19/25 09:01 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | D7UM | 09/19/25 09:00 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 700672

Lab Sample ID: 460-334962-3  Client Sample ID: C241174_BL-IA01_MW30P_091325

Date Analyzed: 09/18/25 02:48  Lab File ID: 7S17X11x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2-Trichloroethane | | Invalid Compound ID | D7UM | 09/19/25 09:03 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | D7UM | 09/19/25 09:02 |
| 1,3-Butadiene | | Invalid Compound ID | D7UM | 09/19/25 09:02 |
| 4-Ethyltoluene | | Invalid Compound ID | D7UM | 09/19/25 09:03 |
| cis-1,2-Dichloroethene | | Invalid Compound ID | D7UM | 09/19/25 09:02 |
| Cumene | | Invalid Compound ID | D7UM | 09/19/25 09:03 |
| Methyl Butyl Ketone (2-Hexanone) | | Invalid Compound ID | D7UM | 09/19/25 09:03 |
| Tetrahydrofuran | | Invalid Compound ID | D7UM | 09/19/25 09:03 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | D7UM | 09/19/25 09:04 |

Lab Sample ID: 460-334962-4  Client Sample ID: C241174_BL-AA01_MW30D_091325

Date Analyzed: 09/18/25 03:22  Lab File ID: 7S17X12x.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | D7UM | 09/19/25 09:07 |
| Chloroethane | | Invalid Compound ID | D7UM | 09/19/25 09:07 |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **AIRBFB100ppb_00096** | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Xylene (total) | |
| | | | | | AirIS478949_00001 | 0.3 L | 1,4-Difluorobenzene | 0.1 ppm v/v |
| | | | | | | | BFB | 0.1 ppm v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 0.1 ppm v/v |
| | | | | | | | Chlorobromomethane (IS) | 0.1 ppm v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | BFB | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRBFB100ppb_00097** | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Xylene (total) | |
| | | | | | AirIS478949_00002 | 0.3 L | 1,4-Difluorobenzene | 0.1 ppm v/v |
| | | | | | | | BFB | 0.1 ppm v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 0.1 ppm v/v |
| | | | | | | | Chlorobromomethane (IS) | 0.1 ppm v/v |
| .AirIS478949_00002 | 09/03/26 | | Linde, Lot 1634708 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | BFB | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRCAL0.5_00151** | 10/04/25 | 09/04/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 10 mL | 1,1,1-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,3-Butadiene | 0.5 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dioxane | 0.5 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 0.5 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 0.5 ppb v/v |
| | | | | | | | 3-Chloropropene | 0.5 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 0.5 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 0.5 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.5 ppb v/v |
| | | | | | | | Acetone | 0.5 ppb v/v |
| | | | | | | | Benzene | 0.5 ppb v/v |
| | | | | | | | Benzyl chloride | 0.5 ppb v/v |
| | | | | | | | Bromodichloromethane | 0.5 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 0.5 ppb v/v |
| | | | | | | | Bromoform | 0.5 ppb v/v |
| | | | | | | | Bromomethane | 0.5 ppb v/v |
| | | | | | | | Carbon disulfide | 0.5 ppb v/v |
| | | | | | | | Carbon tetrachloride | 0.5 ppb v/v |
| | | | | | | | Chlorobenzene | 0.5 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Chloroethane | 0.5 ppb v/v |
| | | | | | | | Chloroform | 0.5 ppb v/v |
| | | | | | | | Chloromethane | 0.5 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Cumene | 0.5 ppb v/v |
| | | | | | | | Cyclohexane | 0.5 ppb v/v |
| | | | | | | | Dibromochloromethane | 0.5 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Ethylbenzene | 0.5 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 0.5 ppb v/v |
| | | | | | | | Isopropyl alcohol | 0.5 ppb v/v |
| | | | | | | | m,p-Xylene | 1 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 0.5 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 0.5 ppb v/v |
| | | | | | | | Methyl methacrylate | 0.5 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 0.5 ppb v/v |
| | | | | | | | Methylene Chloride | 0.5 ppb v/v |
| | | | | | | | n-Butane | 0.5 ppb v/v |
| | | | | | | | n-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | n-Heptane | 0.5 ppb v/v |
| | | | | | | | n-Hexane | 0.5 ppb v/v |
| | | | | | | | n-Propylbenzene | 0.5 ppb v/v |
| | | | | | | | Naphthalene | 0.5 ppb v/v |
| | | | | | | | o-Xylene | 0.5 ppb v/v |
| | | | | | | | sec-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Styrene | 0.5 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 0.57 ppb v/v |
| | | | | | | | tert-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Tetrachloroethene | 0.5 ppb v/v |
| | | | | | | | Tetrahydrofuran | 0.5 ppb v/v |
| | | | | | | | Toluene | 0.5 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | trans-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Trichloroethene | 0.5 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 0.5 ppb v/v |
| | | | | | | | Vinyl chloride | 0.5 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL10.0_00619** | 10/03/25 | 09/03/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 20 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL10.0_00619** | 10/03/25 | 09/03/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | Linde, Lot 1627538 | | | (Purchased Reagent) | | Xylene (total) | 3 ppm v/v |
| **AIRCAL10.0_00621** | 10/15/25 | 09/15/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | m,p-Xylene | 20 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 3 ppm v/v |
| **AIRCAL50.0_00191** | 10/04/25 | 09/04/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 1000 mL | 1,1,1-Trichloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 50 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 50 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 50 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 50 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 50 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 50 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 50 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ppb v/v |
| | | | | | | | 1,3-Butadiene | 50 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,4-Dioxane | 50 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 50 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 50 ppb v/v |
| | | | | | | | 3-Chloropropene | 50 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 50 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 50 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 50 ppb v/v |
| | | | | | | | Acetone | 50 ppb v/v |
| | | | | | | | Benzene | 50 ppb v/v |
| | | | | | | | Benzyl chloride | 50 ppb v/v |
| | | | | | | | Bromodichloromethane | 50 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 50 ppb v/v |
| | | | | | | | Bromoform | 50 ppb v/v |
| | | | | | | | Bromomethane | 50 ppb v/v |
| | | | | | | | Carbon disulfide | 50 ppb v/v |
| | | | | | | | Carbon tetrachloride | 50 ppb v/v |
| | | | | | | | Chlorobenzene | 50 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 50 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chloroethane | 50 ppb v/v |
| | | | | | | | Chloroform | 50 ppb v/v |
| | | | | | | | Chloromethane | 50 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 50 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 50 ppb v/v |
| | | | | | | | Cumene | 50 ppb v/v |
| | | | | | | | Cyclohexane | 50 ppb v/v |
| | | | | | | | Dibromochloromethane | 50 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 50 ppb v/v |
| | | | | | | | Ethylbenzene | 50 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 50 ppb v/v |
| | | | | | | | Isopropyl alcohol | 50 ppb v/v |
| | | | | | | | m,p-Xylene | 100 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 50 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 50 ppb v/v |
| | | | | | | | Methyl methacrylate | 50 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 50 ppb v/v |
| | | | | | | | Methylene Chloride | 50 ppb v/v |
| | | | | | | | n-Butane | 50 ppb v/v |
| | | | | | | | n-Butylbenzene | 50 ppb v/v |
| | | | | | | | n-Heptane | 50 ppb v/v |
| | | | | | | | n-Hexane | 50 ppb v/v |
| | | | | | | | n-Propylbenzene | 50 ppb v/v |
| | | | | | | | Naphthalene | 50 ppb v/v |
| | | | | | | | o-Xylene | 50 ppb v/v |
| | | | | | | | sec-Butylbenzene | 50 ppb v/v |
| | | | | | | | Styrene | 50 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 57 ppb v/v |
| | | | | | | | tert-Butylbenzene | 50 ppb v/v |
| | | | | | | | Tetrachloroethene | 50 ppb v/v |
| | | | | | | | Tetrahydrofuran | 50 ppb v/v |
| | | | | | | | Toluene | 50 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 50 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 50 ppb v/v |
| | | | | | | | Trichloroethene | 50 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 50 ppb v/v |
| | | | | | | | Vinyl chloride | 50 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRIS200 ppb_00521** | 09/19/25 | 08/20/25 | DI Water, Lot N/A | 6 L | AirIS478949_00001 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRIS200 ppb_00524** | 09/28/25 | 08/29/25 | DI Water, Lot N/A | 6 L | AirIS478949_00001 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRLCS10.0_00567** | 10/01/25 | 09/02/25 | DI Water, Lot N/A | 20 L | Airlcs346231_00008 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 10 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 11.6 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.1 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 20 ppb v/v |
| .Airlcs346231_00008 | 04/03/26 | | Linde, Lot 1626894 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 1 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.16 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.11 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 2 ppm v/v |

# Reagent

# AirCAL755853_00001

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Propylene | 115-07-1 | 1.00 ppm | 1.10 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.00 ppm | 1.07 ppm |
| Freon-12 | 75-71-8 | 1.00 ppm | 1.04 ppm |
| Chloromethane | 74-87-3 | 1.00 ppm | 1.05 ppm |
| Freon-114 | 76-14-2 | 1.00 ppm | 1.02 ppm |
| Vinyl Chloride | 75-01-4 | 1.00 ppm | 1.05 ppm |
| 1,3-Butadiene | 106-99-0 | 1.00 ppm | 1.07 ppm |
| n-Butane | 106-97-8 | 1.00 ppm | 1.03 ppm |
| Bromomethane | 74-83-9 | 1.00 ppm | 1.03 ppm |
| Chloroethane | 75-00-3 | 1.00 ppm | 1.03 ppm |
| Dichlorofluoromethane | 75-43-4 | 1.00 ppm | 1.05 ppm |
| Vinyl Bromide | 593-60-2 | 1.00 ppm | 1.10 ppm |
| Ethanol (Analytical Accuracy ± 10%) | 64-17-5 | 1.00 ppm | 1.16 ppm |
| Acetonitrile (Analytical Accuracy ± 10%) | 75-05-8 | 1.00 ppm | 1.16 ppm |
| Acrolein (Analytical Accuracy ± 10%) | 107-02-8 | 1.00 ppm | 1.16 ppm |
| Acetone (Analytical Accuracy ± 10%) | 67-64-1 | 1.00 ppm | 1.04 ppm |
| Freon-11 | 75-69-4 | 1.00 ppm | 1.05 ppm |
| Freon-123A | 354-23-4 | 1.00 ppm | 1.05 ppm |
| Isopropyl Alcohol (Analytical Accuracy ± 10%) | 67-63-0 | 1.00 ppm | 1.09 ppm |
| n-Pentane | 109-66-0 | 1.00 ppm | 1.02 ppm |
| Acrylonitrile (Analytical Accuracy ± 10%) | 107-13-1 | 1.00 ppm | 1.10 ppm |
| Iodomethane | 74-88-4 | 1.00 ppm | 1.05 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.00 ppm | 0.96 ppm |
| Carbon Disulfide (Analytical Accuracy ± 10%) | 75-15-0 | 1.00 ppm | 1.05 ppm |
| Methylene Chloride | 75-09-2 | 1.00 ppm | 1.05 ppm |
| Tert-Butanol (Analytical Accuracy ± 10%) | 75-65-0 | 1.00 ppm | 1.14 ppm |
| Allyl Chloride | 107-05-1 | 1.00 ppm | 1.05 ppm |
| Freon-113 | 76-13-1 | 1.00 ppm | 1.03 ppm |
| Trans-1,2-Dichloroethene | 156-60-5 | 1.00 ppm | 1.04 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.00 ppm | 1.01 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Methyl Tert Butyl Ether | 1634-04-4 | 1.00 ppm | 1.06 ppm |
| Vinyl Acetate | 108-05-4 | 1.00 ppm | 1.13 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.00 ppm | 1.07 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.00 ppm | 1.00 ppm |
| Hexane | 110-54-3 | 1.00 ppm | 1.05 ppm |
| Methyl Acrylate | 96-33-3 | 1.00 ppm | 1.05 ppm |
| Di-isopropyl Ether | 108-20-3 | 1.00 ppm | 1.05 ppm |
| Chloroform | 67-66-3 | 1.00 ppm | 1.05 ppm |
| Ethyl Acetate | 141-78-6 | 1.00 ppm | 1.05 ppm |
| Tetrahydrofuran | 109-99-9 | 1.00 ppm | 1.06 ppm |
| Ethyl Tert-Butyl Ether | 637-92-3 | 1.00 ppm | 1.06 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.00 ppm | 1.02 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.00 ppm | 1.03 ppm |
| Benzene | 71-43-2 | 1.00 ppm | 1.04 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.00 ppm | 0.98 ppm |
| Cyclohexane | 110-82-7 | 1.00 ppm | 1.05 ppm |
| Tert Amyl Methyl Ether | 994-05-8 | 1.00 ppm | 1.06 ppm |
| Dibromomethane | 74-95-3 | 1.00 ppm | 1.05 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.00 ppm | 1.05 ppm |
| Ethyl Acrylate | 140-88-5 | 1.00 ppm | 1.04 ppm |
| Trichloroethylene | 79-01-6 | 1.00 ppm | 1.04 ppm |
| Bromodichloromethane | 75-27-4 | 1.00 ppm | 1.04 ppm |
| 1,4-Dioxane | 123-91-1 | 1.00 ppm | 1.04 ppm |
| Isooctane | 540-84-1 | 1.00 ppm | 1.05 ppm |
| Methyl Methacrylate | 80-62-6 | 1.00 ppm | 1.03 ppm |
| Heptane | 142-82-5 | 1.00 ppm | 1.04 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.00 ppm | 1.06 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.00 ppm | 1.05 ppm |
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.00 ppm | 0.95 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.00 ppm | 1.04 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Toluene | 108-88-3 | 1.00 ppm | 1.05 ppm |
| Methyl Butyl Ketone | 591-78-6 | 1.00 ppm | 1.03 ppm |
| Ethyl Methacrylate | 97-63-2 | 1.00 ppm | 1.04 ppm |
| Dibromochloromethane | 124-48-1 | 1.00 ppm | 1.04 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.00 ppm | 1.03 ppm |
| n-Octane | 111-65-9 | 1.00 ppm | 1.04 ppm |
| Tetrachloroethylene | 127-18-4 | 1.00 ppm | 1.05 ppm |
| Chlorobenzene | 108-90-7 | 1.00 ppm | 1.06 ppm |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1.00 ppm | 1.06 ppm |
| Ethylbenzene | 100-41-4 | 1.00 ppm | 1.06 ppm |
| p-xylene | 106-42-3 | 1.00 ppm | 1.05 ppm |
| m-xylene | 108-38-3 | 1.00 ppm | 1.05 ppm |
| Bromoform | 75-25-2 | 1.00 ppm | 1.05 ppm |
| Styrene | 100-42-5 | 1.00 ppm | 1.06 ppm |
| o-xylene | 95-47-6 | 1.00 ppm | 1.06 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.00 ppm | 1.06 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.00 ppm | 1.04 ppm |
| Cumene | 98-82-8 | 1.00 ppm | 1.05 ppm |
| Bromobenzene | 108-86-1 | 1.00 ppm | 1.09 ppm |
| o-Chlorotoluene | 95-49-8 | 1.00 ppm | 1.04 ppm |
| n-Propylbenzene | 103-65-1 | 1.00 ppm | 1.04 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.00 ppm | 1.02 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.00 ppm | 1.05 ppm |
| alpha-Methyl Styrene (Analytical Accuracy ± 10%) | 98-83-9 | 1.00 ppm | 1.16 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.00 ppm | 1.05 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.00 ppm | 1.05 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.00 ppm | 1.06 ppm |
| Benzyl Chloride (Analytical Accuracy ± 10%) | 100-44-7 | 1.00 ppm | 1.06 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| 1,4-Dichlorobenzene | 106-46-7 | 1.00 ppm | 1.08 ppm |
| Sec-Butyl Benzene | 135-98-8 | 1.00 ppm | 1.08 ppm |
| p-Cymene | 99-87-6 | 1.00 ppm | 1.06 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.00 ppm | 1.08 ppm |
| n-Butyl Benzene | 104-51-8 | 1.00 ppm | 1.08 ppm |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 1.00 ppm | 1.05 ppm |
| Hexachloroethane | 67-72-1 | 1.00 ppm | 1.10 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.00 ppm | 1.09 ppm |
| Naphthalene (Analytical Accuracy ± 10%) | 91-20-3 | 1.00 ppm | 1.08 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.00 ppm | 1.10 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Lou Lorenzetti

Lou Lorenzetti

**DATE:** Apr-16-2025

# Reagent

# AirIS478949_00001

Linde **SPECTRA** Environmental Gases, 80 Industrial Drive, Alpha, NJ 08865

THE LINDE GROUP

Linde

**SHIPPED TO:** Eurofins Env. Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601-5946



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117515099 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1617040 | **Cylinder # :** | CC-478949 |
| **Report Date:** | Oct-07-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 75955060 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086387 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Oct-07-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Bromochloromethane | 74-97-5 | 2.00 ppm | 2.11 ppm |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 2.00 ppm | 2.08 ppm |
| 1,4-Difluorobenzene | 540-36-3 | 2.00 ppm | 2.10 ppm |
| Toluene-d8 | 2037-26-5 | 2.00 ppm | 2.08 ppm |
| Chlorobenzene-d5 | 3114-55-4 | 2.00 ppm | 2.07 ppm |
| 4-Bromofluorobenzene | 460-00-4 | 2.00 ppm | 2.07 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** _____
Brian Bramkamp

**DATE:** Oct-07-2024

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

# Reagent

# AirIS478949_00002

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env. Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601-5946

**PAGE:** 1 of 1

## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117538362 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1634708 | **Cylinder # :** | CC-478949 |
| **Report Date:** | Sep-03-2025 | **Cylinder Pressure:** | 900 psig |
| **P.O.# :** | 76247598 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 1800 Liters |
| **Expiration Date:** | Sep-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Bromochloromethane | 74-97-5 | 2.00 ppm | 2.15 ppm |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 2.00 ppm | 2.11 ppm |
| 1,4-Difluorobenzene | 540-36-3 | 2.00 ppm | 2.13 ppm |
| Toluene-d8 | 2037-26-5 | 2.00 ppm | 2.11 ppm |
| Chlorobenzene-d5 | 3114-55-4 | 2.00 ppm | 2.10 ppm |
| 4-Bromofluorobenzene | 460-00-4 | 2.00 ppm | 2.09 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** _____
Brian Bramkamp

**DATE:** Sep-03-2025

# Reagent

# **Airlcs346231_00008**

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Propylene | 115-07-1 | 1.00 ppm | 1.07 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.00 ppm | 1.01 ppm |
| Freon-12 | 75-71-8 | 1.00 ppm | 1.02 ppm |
| Chloromethane | 74-87-3 | 1.00 ppm | 1.01 ppm |
| Freon-114 | 76-14-2 | 1.00 ppm | 0.96 ppm |
| Vinyl Chloride | 75-01-4 | 1.00 ppm | 1.03 ppm |
| 1,3-Butadiene | 106-99-0 | 1.00 ppm | 1.03 ppm |
| Bromomethane | 74-83-9 | 1.00 ppm | 1.01 ppm |
| Chloroethane | 75-00-3 | 1.00 ppm | 0.99 ppm |
| Dichlorofluoromethane | 75-43-4 | 1.00 ppm | 1.07 ppm |
| Vinyl Bromide | 593-60-2 | 1.00 ppm | 1.06 ppm |
| Ethanol (Analytical Accuracy ± 10%) | 64-17-5 | 1.00 ppm | 1.08 ppm |
| Acetonitrile (Analytical Accuracy ± 10%) | 75-05-8 | 1.00 ppm | 1.07 ppm |
| Acrolein (Analytical Accuracy ± 10%) | 107-02-8 | 1.00 ppm | 1.13 ppm |
| Acetone (Analytical Accuracy ± 10%) | 67-64-1 | 1.00 ppm | 1.04 ppm |
| Freon-11 | 75-69-4 | 1.00 ppm | 1.05 ppm |
| Freon-123A | 354-23-4 | 1.00 ppm | 1.09 ppm |
| Isopropyl Alcohol (Analytical Accuracy ± 10%) | 67-63-0 | 1.00 ppm | 1.05 ppm |
| n-Pentane | 109-66-0 | 1.00 ppm | 1.05 ppm |
| Acrylonitrile (Analytical Accuracy ± 10%) | 107-13-1 | 1.00 ppm | 1.05 ppm |
| Iodomethane | 74-88-4 | 1.00 ppm | 1.05 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.00 ppm | 1.05 ppm |
| Carbon Disulfide (Analytical Accuracy ± 10%) | 75-15-0 | 1.00 ppm | 1.00 ppm |
| Methylene Chloride | 75-09-2 | 1.00 ppm | 1.06 ppm |
| Tert-Butanol (Analytical Accuracy ± 10%) | 75-65-0 | 1.00 ppm | 1.11 ppm |
| Allyl Chloride | 107-05-1 | 1.00 ppm | 1.06 ppm |
| Freon-113 | 76-13-1 | 1.00 ppm | 1.02 ppm |
| Trans-1,2-Dichloroethene | 156-60-5 | 1.00 ppm | 0.97 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.00 ppm | 1.02 ppm |
| Methyl Tert Butyl Ether | 1634-04-4 | 1.00 ppm | 1.02 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

**PAGE:** 2 of 4

## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Vinyl Acetate | 108-05-4 | 1.00 ppm | 1.09 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.00 ppm | 1.03 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.00 ppm | 1.03 ppm |
| Hexane | 110-54-3 | 1.00 ppm | 1.03 ppm |
| Methyl Acrylate | 96-33-3 | 1.00 ppm | 1.04 ppm |
| Di-isopropyl Ether | 108-20-3 | 1.00 ppm | 1.04 ppm |
| Chloroform | 67-66-3 | 1.00 ppm | 1.04 ppm |
| Ethyl Acetate | 141-78-6 | 1.00 ppm | 1.04 ppm |
| Tetrahydrofuran | 109-99-9 | 1.00 ppm | 1.04 ppm |
| Ethyl Tert-Butyl Ether | 637-92-3 | 1.00 ppm | 1.01 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.00 ppm | 1.02 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.00 ppm | 1.04 ppm |
| Benzene | 71-43-2 | 1.00 ppm | 1.05 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.00 ppm | 1.05 ppm |
| Cyclohexane | 110-82-7 | 1.00 ppm | 1.04 ppm |
| Tert Amyl Methyl Ether | 994-05-8 | 1.00 ppm | 0.99 ppm |
| Dibromomethane | 74-95-3 | 1.00 ppm | 1.02 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.00 ppm | 1.02 ppm |
| Ethyl Acrylate | 140-88-5 | 1.00 ppm | 1.04 ppm |
| Trichloroethylene | 79-01-6 | 1.00 ppm | 1.01 ppm |
| Bromodichloromethane | 75-27-4 | 1.00 ppm | 1.01 ppm |
| 1,4-Dioxane | 123-91-1 | 1.00 ppm | 1.01 ppm |
| Isooctane | 540-84-1 | 1.00 ppm | 1.04 ppm |
| Methyl Methacrylate | 80-62-6 | 1.00 ppm | 0.98 ppm |
| Heptane | 142-82-5 | 1.00 ppm | 1.03 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.00 ppm | 1.05 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.00 ppm | 1.04 ppm |
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.00 ppm | 0.98 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.00 ppm | 1.02 ppm |
| Toluene | 108-88-3 | 1.00 ppm | 1.03 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Methyl Butyl Ketone | 591-78-6 | 1.00 ppm | 1.05 ppm |
| Ethyl Methacrylate | 97-63-2 | 1.00 ppm | 1.00 ppm |
| Dibromochloromethane | 124-48-1 | 1.00 ppm | 0.99 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.00 ppm | 1.01 ppm |
| n-Octane | 111-65-9 | 1.00 ppm | 1.01 ppm |
| Tetrachloroethylene | 127-18-4 | 1.00 ppm | 1.04 ppm |
| Chlorobenzene | 108-90-7 | 1.00 ppm | 1.06 ppm |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1.00 ppm | 1.06 ppm |
| Ethylbenzene | 100-41-4 | 1.00 ppm | 1.05 ppm |
| p-xylene | 106-42-3 | 0.50 ppm | 0.50 ppm |
| m-xylene | 108-38-3 | 0.50 ppm | 0.50 ppm |
| Bromoform | 75-25-2 | 1.00 ppm | 1.00 ppm |
| Styrene | 100-42-5 | 1.00 ppm | 1.05 ppm |
| o-xylene | 95-47-6 | 1.00 ppm | 1.05 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.00 ppm | 1.05 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.00 ppm | 1.04 ppm |
| Cumene | 98-82-8 | 1.00 ppm | 1.03 ppm |
| Bromobenzene | 108-86-1 | 1.00 ppm | 1.07 ppm |
| o-Chlorotoluene | 95-49-8 | 1.00 ppm | 1.04 ppm |
| n-Propylbenzene | 103-65-1 | 1.00 ppm | 0.99 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.00 ppm | 0.99 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.00 ppm | 1.03 ppm |
| alpha-Methyl Styrene (Analytical Accuracy ± 10%) | 98-83-9 | 1.00 ppm | 1.02 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.00 ppm | 1.04 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.00 ppm | 1.04 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.00 ppm | 1.06 ppm |
| Benzyl Chloride (Analytical Accuracy ± 10%) | 100-44-7 | 1.00 ppm | 1.03 ppm |
| 1,4-Dichlorobenzene | 106-46-7 | 1.00 ppm | 1.00 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

**PAGE:** 4 of 4

## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Sec-Butyl Benzene | 135-98-8 | 1.00 ppm | 1.04 ppm |
| p-Cymene | 99-87-6 | 1.00 ppm | 1.04 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.00 ppm | 1.05 ppm |
| n-Butyl Benzene | 104-51-8 | 1.00 ppm | 1.07 ppm |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 1.00 ppm | 1.06 ppm |
| Hexachloroethane | 67-72-1 | 1.00 ppm | 1.07 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.00 ppm | 1.10 ppm |
| Naphthalene (Analytical Accuracy ± 10%) | 91-20-3 | 1.00 ppm | 1.16 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.00 ppm | 1.08 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Lou Lorenzetti
Lou Lorenzetti

**DATE:** Apr-03-2025

# TO15_LL_NY

## Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S17X03x.D

Lab ID: LCS 410-700672/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 27.3 | 28.9 | 106 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 34.3 | 33.2 | 97 | 61-130 | |
| 1,1,2-Trichloroethane | 27.3 | 27.6 | 101 | 70-130 | |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 43.6 | 114 | 70-130 | |
| 1,1-Dichloroethane | 20.2 | 20.2 | 100 | 70-130 | |
| 1,1-Dichloroethene | 19.8 | 21.8 | 110 | 70-131 | |
| 1,2,4-Trichlorobenzene | 37.1 | 41.7 | 112 | 52-143 | |
| 1,2,4-Trimethylbenzene | 24.6 | 25.4 | 103 | 65-146 | |
| 1,2-Dibromoethane | 38.4 | 37.9 | 99 | 70-130 | |
| 1,2-Dichlorobenzene | 30.1 | 30.5 | 101 | 61-139 | |
| 1,2-Dichloroethane | 20.2 | 20.2 | 100 | 70-131 | |
| 1,2-Dichloropropane | 23.1 | 22.7 | 98 | 70-130 | |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 41.0 | 117 | 70-130 | |
| 1,3,5-Trimethylbenzene | 24.6 | 27.5 | 112 | 69-141 | |
| 1,3-Butadiene | 11.1 | 11.4 | 103 | 70-131 | |
| 1,3-Dichlorobenzene | 30.1 | 30.3 | 101 | 64-140 | |
| 1,4-Dichlorobenzene | 30.1 | 30.1 | 100 | 64-137 | |
| 1,4-Dioxane | 18.0 | 24.4 | 135 | 70-130 | *+ |
| 2,2,4-Trimethylpentane | 23.4 | 24.0 | 103 | 70-130 | |
| 2-Chlorotoluene | 25.9 | 26.1 | 101 | 70-130 | |
| 3-Chloropropene | 15.7 | 15.3 | 98 | 70-137 | |
| 4-Ethyltoluene | 24.6 | 26.3 | 107 | 69-139 | |
| 4-Isopropyltoluene | 27.4 | 28.0 | 102 | 60-148 | |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 22.7 | 111 | 68-133 | |
| Acetone | 11.9 | 13.1 | 110 | 70-137 | |
| Benzene | 16.0 | 15.5 | 97 | 70-130 | |
| Benzyl chloride | 25.9 | 25.7 | 99 | 57-142 | |
| Bromodichloromethane | 33.5 | 32.6 | 97 | 70-130 | |
| Bromoethene(Vinyl Bromide) | 21.9 | 21.3 | 98 | 70-130 | |
| Bromoform | 51.7 | 52.8 | 102 | 60-139 | |
| Bromomethane | 19.4 | 20.6 | 106 | 70-140 | |
| Carbon disulfide | 15.6 | 14.3 | 92 | 70-130 | |
| Carbon tetrachloride | 31.5 | 35.3 | 112 | 70-130 | |
| Chlorobenzene | 23.0 | 21.5 | 93 | 70-130 | |
| Chlorodifluoromethane | 17.7 | 21.7 | 123 | 70-132 | |
| Chloroethane | 13.2 | 13.1 | 99 | 70-131 | |
| Chloroform | 24.4 | 24.4 | 100 | 70-130 | |
| Chloromethane | 10.3 | 11.8 | 114 | 64-138 | |
| cis-1,2-Dichloroethene | 19.8 | 19.8 | 100 | 70-130 | |
| cis-1,3-Dichloropropene | 22.7 | 21.9 | 97 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S17X03x.D

Lab ID: LCS 410-700672/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 24.6 | 25.8 | 105 | 70-137 | |
| Cyclohexane | 17.2 | 17.9 | 104 | 61-130 | |
| Dibromochloromethane | 42.6 | 42.4 | 100 | 70-130 | |
| Dichlorodifluoromethane | 24.7 | 26.4 | 107 | 70-131 | |
| Ethylbenzene | 21.7 | 21.4 | 99 | 70-130 | |
| Hexachlorobutadiene | 53.3 | 53.7 | 101 | 40-157 | |
| Isopropyl alcohol | 12.3 | 14.3 | 116 | 62-135 | |
| m,p-Xylene | 21.7 | 22.1 | 102 | 70-130 | |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 24.0 | 117 | 57-141 | |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 16.3 | 110 | 70-130 | |
| Methyl methacrylate | 20.5 | 21.2 | 103 | 70-130 | |
| Methyl tert-butyl ether | 18.0 | 19.7 | 109 | 70-130 | |
| Methylene Chloride | 17.4 | 18.3 | 105 | 70-130 | |
| Naphthalene | 30.4 | 30.1 | 99 | 22-139 | |
| n-Butylbenzene | 27.4 | 27.8 | 101 | 57-143 | |
| n-Heptane | 20.5 | 20.8 | 102 | 70-130 | |
| n-Hexane | 17.6 | 17.0 | 96 | 61-130 | |
| n-Propylbenzene | 24.6 | 25.5 | 104 | 70-130 | |
| o-Xylene | 21.7 | 21.8 | 100 | 70-130 | |
| sec-Butylbenzene | 27.4 | 28.6 | 104 | 66-141 | |
| Styrene | 21.3 | 21.3 | 100 | 70-133 | |
| tert-Butyl alcohol | 16.8 | 23.7 | 141 | 50-130 | *+ |
| tert-Butylbenzene | 27.4 | 31.0 | 113 | 63-130 | |
| Tetrachloroethene | 33.9 | 33.3 | 98 | 70-140 | |
| Tetrahydrofuran | 14.7 | 14.8 J | 100 | 54-143 | |
| Toluene | 18.8 | 18.3 | 97 | 70-130 | |
| trans-1,2-Dichloroethene | 19.8 | 19.4 | 98 | 70-130 | |
| trans-1,3-Dichloropropene | 22.7 | 24.9 | 110 | 70-130 | |
| Trichloroethene | 26.9 | 25.4 | 95 | 70-130 | |
| Trichlorofluoromethane | 28.1 | 30.9 | 110 | 70-130 | |
| Vinyl chloride | 12.8 | 15.2 | 119 | 70-135 | |
| Xylene (total) | 43.4 | 43.9 | 101 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Lab File ID: 7S17X05x.D  Lab Sample ID: MB 410-700672/6

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 09/17/2025 23:26

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-700672/4 | 7S17X03x.D | 09/17/2025 22:27 |
| C241174_BL-IA01_MW16D190_091325 | 460-334962-1 | 7S17X09x.D | 09/18/2025 01:41 |
| C241174_BL-AA01_MW16D190_091325 | 460-334962-2 | 7S17X10x.D | 09/18/2025 02:14 |
| C241174_BL-IA01_MW30P_091325 | 460-334962-3 | 7S17X11x.D | 09/18/2025 02:48 |
| C241174_BL-AA01_MW30D_091325 | 460-334962-4 | 7S17X12x.D | 09/18/2025 03:22 |
| C241174_BL-IA01_MW30P_091325 DL | 460-334962-3 DL | 7S17X15.D | 09/18/2025 08:36 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Lab File ID: 7S07T01.D  BFB Injection Date: 09/07/2025

Instrument ID: HP8R004  BFB Injection Time: 22:04

Analysis Batch No.: 695447

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 20.9 | |
| 75 | 30.0 - 66.0% of mass 95 | 50.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.9 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 69.5 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.5 | (8.0) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 67.1 | (96.6) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.2 | (6.3) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-695447/3 | 7S07X03.D | 09/07/2025 | 22:59 |
| | IC 410-695447/4 | 7S07X04.D | 09/07/2025 | 23:25 |
| | IC 410-695447/5 | 7S07X05.D | 09/07/2025 | 23:52 |
| | IC 410-695447/6 | 7S07X06.D | 09/08/2025 | 0:19 |
| | IC 410-695447/7 | 7S07X07.D | 09/08/2025 | 0:45 |
| | ICISAV 410-695447/8 | 7S07X08.D | 09/08/2025 | 1:12 |
| | IC 410-695447/9 | 7S07X09.D | 09/08/2025 | 1:42 |
| | IC 410-695447/10 | 7S07X10.D | 09/08/2025 | 2:10 |
| | IC 410-695447/11 | 7S07X11.D | 09/08/2025 | 2:41 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Lab File ID: 7S17T01.D  BFB Injection Date: 09/17/2025

Instrument ID: HP8R004  BFB Injection Time: 15:12

Analysis Batch No.: 700672

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 20.6 | |
| 75 | 30.0 - 66.0% of mass 95 | 51.0 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 68.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.4 | (7.9) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 65.3 | (95.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.2 | (6.5) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-700672/3 | 7S17X07.D | 09/17/2025 | 20:59 |
| | LCS 410-700672/4 | 7S17X03x.D | 09/17/2025 | 22:27 |
| | MB 410-700672/6 | 7S17X05x.D | 09/17/2025 | 23:26 |
| C241174_BL-IA01_MW16D190_091325 | 460-334962-1 | 7S17X09x.D | 09/18/2025 | 1:41 |
| C241174_BL-AA01_MW16D190_091325 | 460-334962-2 | 7S17X10x.D | 09/18/2025 | 2:14 |
| C241174_BL-IA01_MW30P_091325 | 460-334962-3 | 7S17X11x.D | 09/18/2025 | 2:48 |
| C241174_BL-AA01_MW30D_091325 | 460-334962-4 | 7S17X12x.D | 09/18/2025 | 3:22 |
| C241174_BL-IA01_MW30P_091325 DL | 460-334962-3 DL | 7S17X15.D | 09/18/2025 | 8:36 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 344432 | 9.61 | 1298709 | 11.22 | 1198969 | 14.46 |
| UPPER LIMIT | | 482205 | 9.91 | 1818193 | 11.51 | 1678557 | 14.76 |
| LOWER LIMIT | | 206659 | 9.31 | 779225 | 10.91 | 719381 | 14.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCVIS 410-700672/3 | | 294290 | 9.62 | 1128050 | 11.22 | 1028144 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Sample No.: CCVIS 410-700672/3  Date Analyzed: 09/17/2025 20:59

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7S17X07.D  Heated Purge: (Y/N) N

Calibration ID: 76556

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 294290 | 9.62 | 1128050 | 11.22 | 1028144 | 14.47 |
| UPPER LIMIT | | 412006 | 9.92 | 1579270 | 11.52 | 1439402 | 14.77 |
| LOWER LIMIT | | 176574 | 9.32 | 676830 | 10.92 | 616886 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-700672/4 | | 309468 | 9.61 | 1165714 | 11.21 | 1057589 | 14.47 |
| MB 410-700672/6 | | 309389 | 9.62 | 1096059 | 11.22 | 1039809 | 14.47 |
| 460-334962-1 | C241174_BL-IA01_MW16D 190_091325 | 305645 | 9.62 | 1102577 | 11.22 | 1021603 | 14.46 |
| 460-334962-2 | C241174_BL-AA01_MW16D 190_091325 | 303319 | 9.62 | 1076761 | 11.22 | 1014611 | 14.47 |
| 460-334962-3 | C241174_BL-IA01_MW30P _091325 | 304457 | 9.62 | 1125625 | 11.22 | 1047938 | 14.47 |
| 460-334962-4 | C241174_BL-AA01_MW30D _091325 | 306985 | 9.62 | 1093624 | 11.22 | 1033461 | 14.47 |
| 460-334962-3 DL | C241174_BL-IA01_MW30P _091325 DL | 288735 | 9.62 | 1042504 | 11.22 | 995421 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW16D190_091325
Lab Sample ID: 460-334962-1

Matrix: Air
Lab File ID: 7S17X09x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:41

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 01:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 2.3 | | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 18 | U *+ | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 8.8 | | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.7 | J | 2.1 | 0.53 |
| 67-64-1 | Acetone | 33 | | 12 | 3.8 |
| 71-43-2 | Benzene | 2.5 | | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW16D190_091325
Lab Sample ID: 460-334962-1

Matrix: Air
Lab File ID: 7S17X09x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:41

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 01:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 0.52 | | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 0.40 | J | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 1.2 | | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 3.2 | | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 2.4 | | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 6.0 | J | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 8.1 | | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 18 | | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 0.83 | J | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |
| 106-97-8 | n-Butane | 12 | | 1.2 | 0.48 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 4.9 | | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 5.0 | | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 2.9 | | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW16D190_091325
Lab Sample ID: 460-334962-1

Matrix: Air
Lab File ID: 7S17X09x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:41

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 01:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-65-0 | tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 108-88-3 | Toluene | 71 | | 0.75 | 0.16 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 1.5 | | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 11 | | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D
Lims ID: 460-334962-A-1
Client ID: C241174_BL-IA01_MW16D190_091325
Sample Type: Client
Inject. Date: 18-Sep-2025 01:41:01 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-334962-A-1
Misc. Info.: 410-0160073-010
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 19-Sep-2025 11:15:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 18-Sep-2025 07:26:31

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 71 | 32500 | 0.4654 | |
| 5 Chloromethane | 50 | 3.791 | 3.770 | 0.021 | 83 | 15128 | 0.6050 | |
| 124 Butane | 43 | 4.021 | 3.999 | 0.022 | 37 | 241692 | 5.15 | M |
| 12 Trichlorofluoromethane | 101 | 5.417 | 5.403 | 0.014 | 74 | 17272 | 0.2715 | |
| 23 Acetone | 43 | 6.384 | 6.370 | 0.014 | 99 | 633930 | 14.0 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.585 | 0.014 | 98 | 81501 | 2.42 | |
| 22 Methylene Chloride | 84 | 7.201 | 7.194 | 0.014 | 78 | 5745 | 0.2385 | M |
| 27 2-Methyl-2-propanol | 59 | 7.308 | 7.287 | 0.021 | 23 | 5996 | 0.2151 | |
| 25 Hexane | 56 | 8.118 | 8.118 | 0.007 | 94 | 33597 | 1.42 | M |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 97 | 76734 | 5.94 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 305645 | 10.0 | |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 68 | 5105 | 0.0816 | |
| 36 Cyclohexane | 56 | 10.202 | 10.188 | 0.014 | 86 | 40627 | 0.9313 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 62 | 4223 | 0.0827 | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 61 | 68428 | 0.7677 | |
| 44 Isooctane | 57 | 10.783 | 10.783 | 0.000 | 97 | 257254 | 1.89 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 93 | 32169 | 1.19 | |
| * 50 1,4-Difluorobenzene | 114 | 11.219 | 11.220 | -0.001 | 96 | 1102577 | 10.0 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.874 | 0.000 | 89 | 27948 | 0.4071 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 97 | 1995418 | 19.0 | |
| 67 2-Hexanone | 43 | 13.719 | 13.727 | -0.008 | 67 | 8536 | 0.1332 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.472 | -0.008 | 88 | 1021603 | 10.0 | |
| 70 Ethylbenzene | 91 | 14.557 | 14.565 | -0.008 | 95 | 71007 | 0.5591 | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | -0.007 | 96 | 174911 | 1.86 | |
| 73 o-Xylene | 91 | 14.987 | 14.995 | -0.008 | 98 | 62603 | 0.6683 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 79 | 45802 | 0.4619 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 237514 | 0 | |
| $ 110 BFB | | | | | | | | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

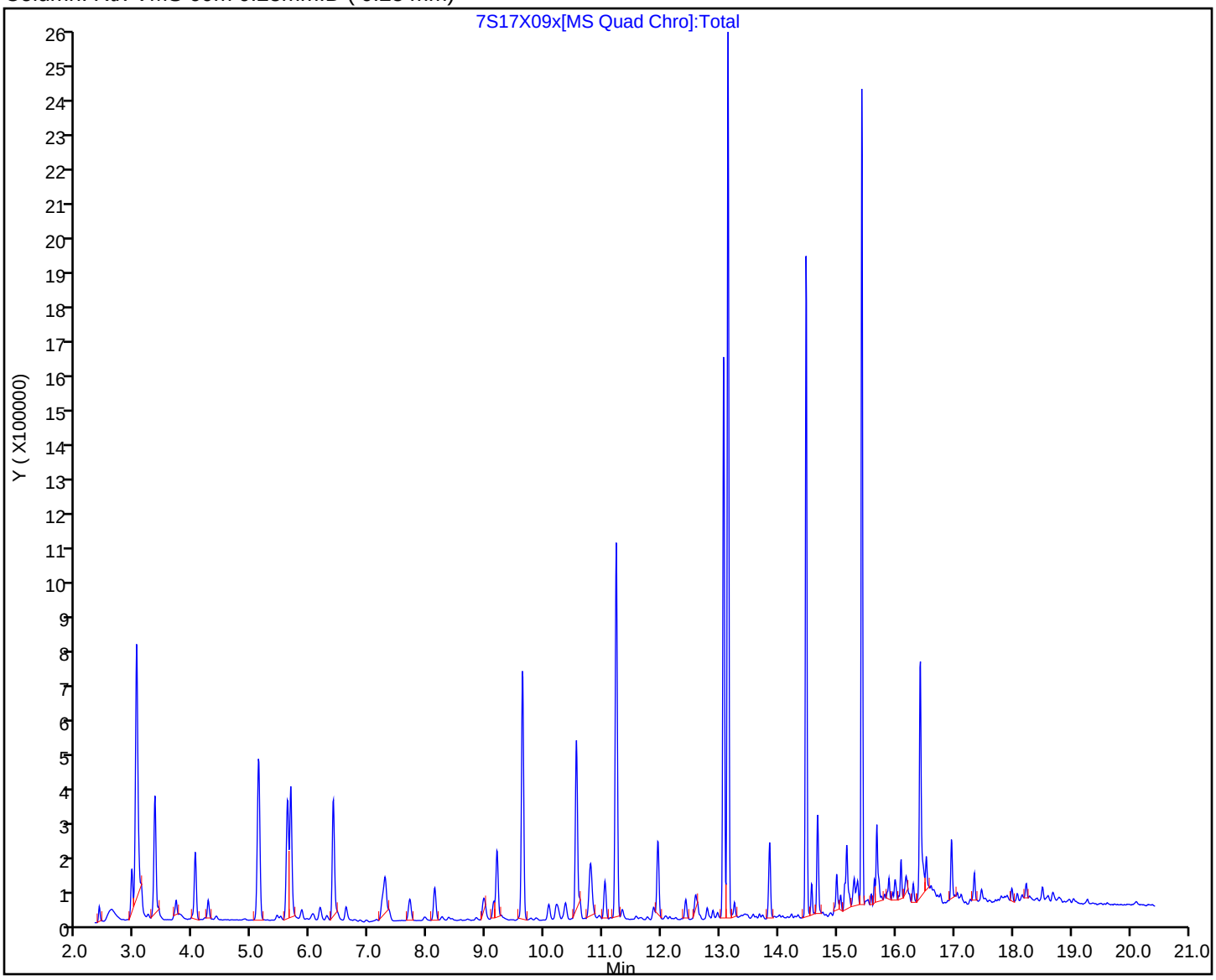
| | | | | |
|---|---|---|---|---|
| AIRIS200 ppb_00524 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 19-Sep-2025 11:25:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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

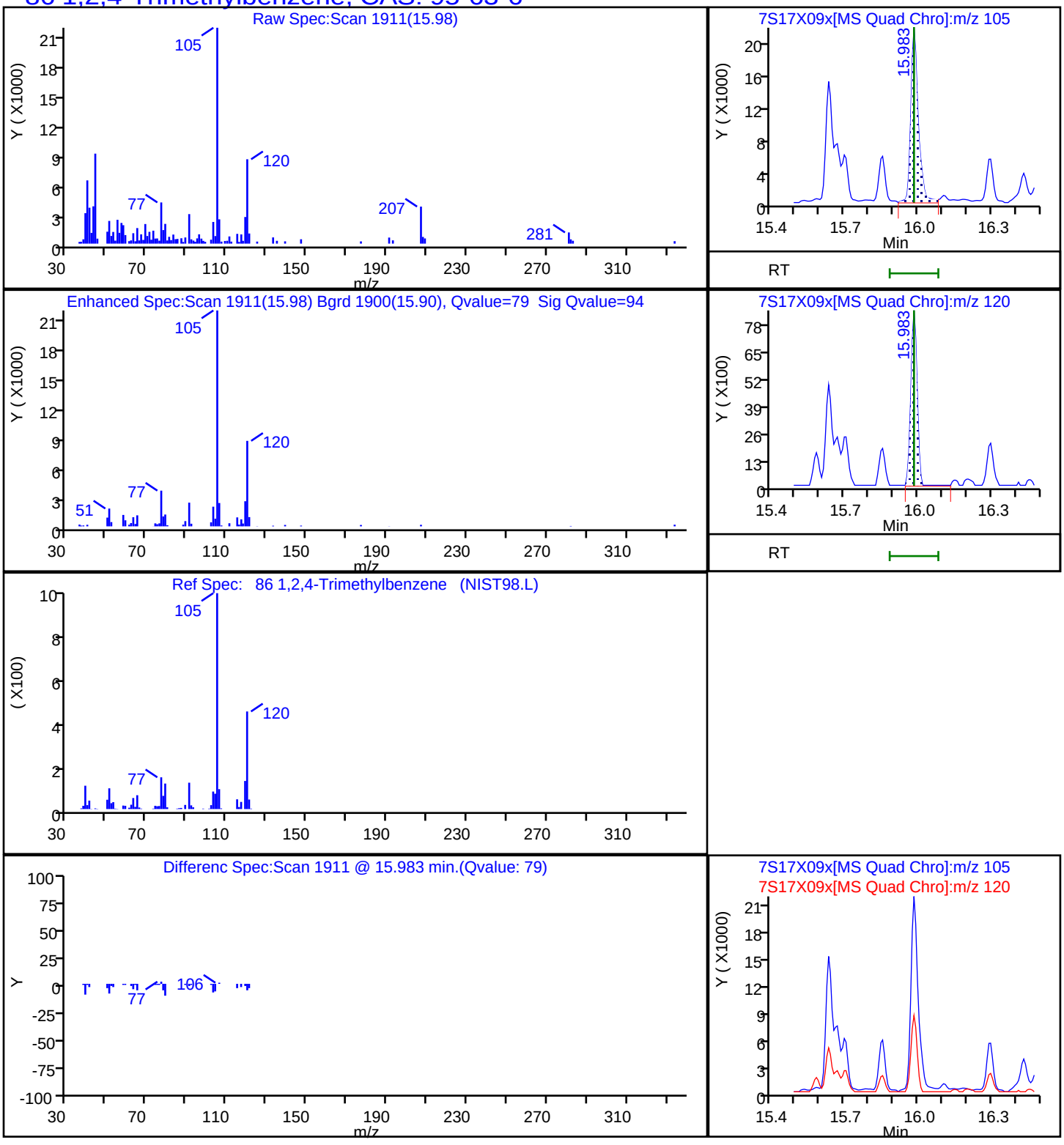


Report Date: 19-Sep-2025 11:25:46 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6



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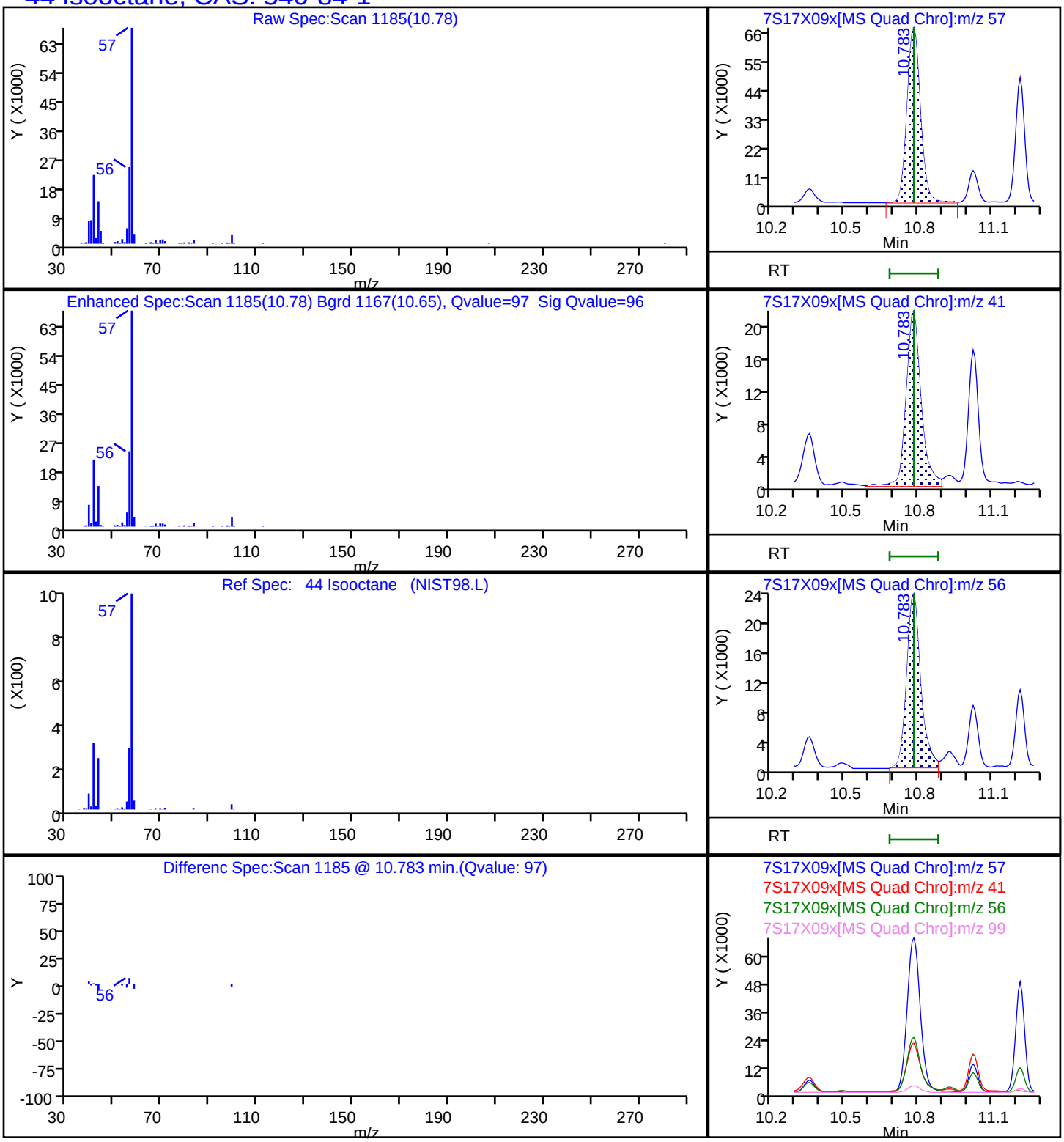
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



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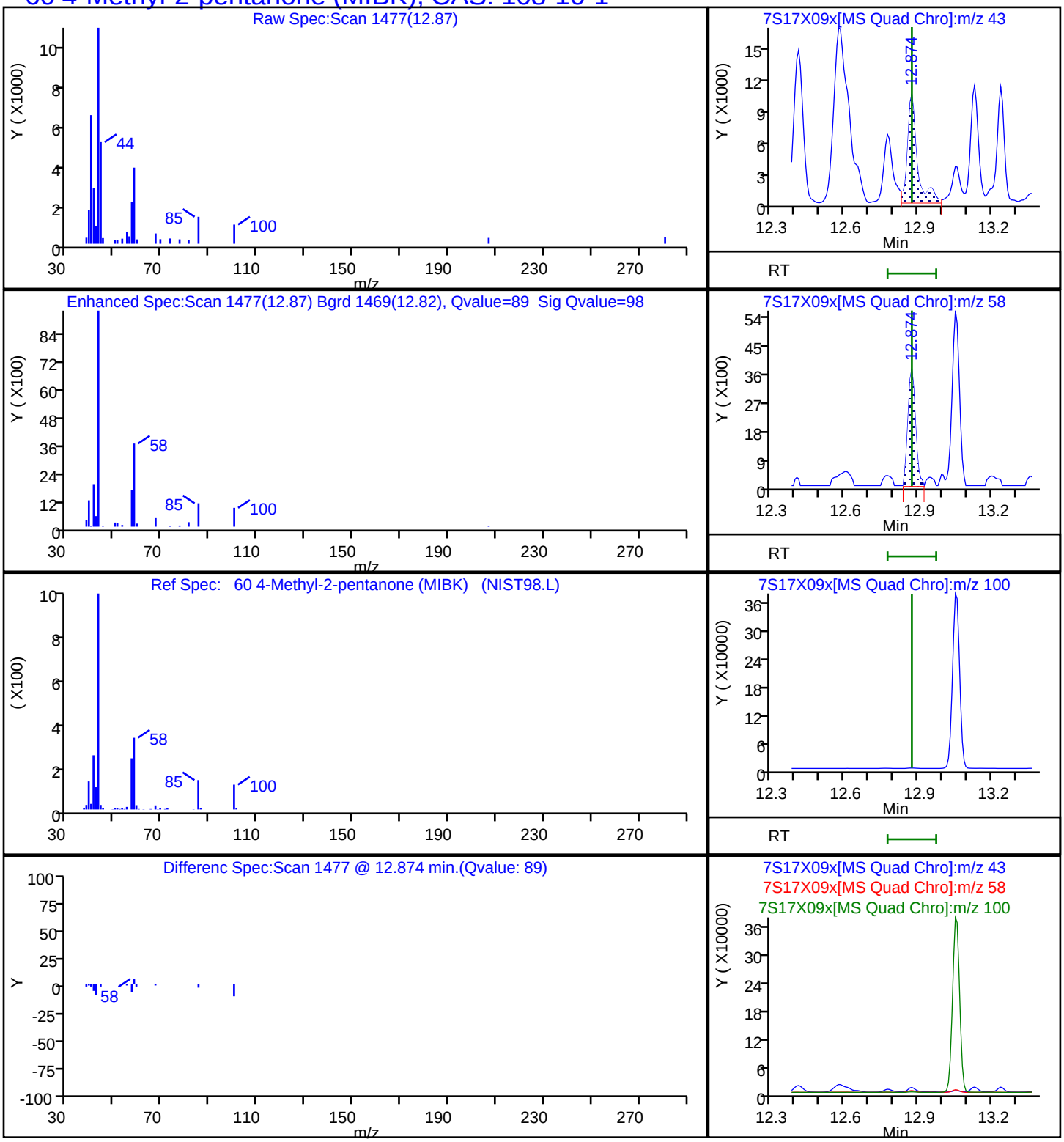
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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



Report Date: 19-Sep-2025 11:25:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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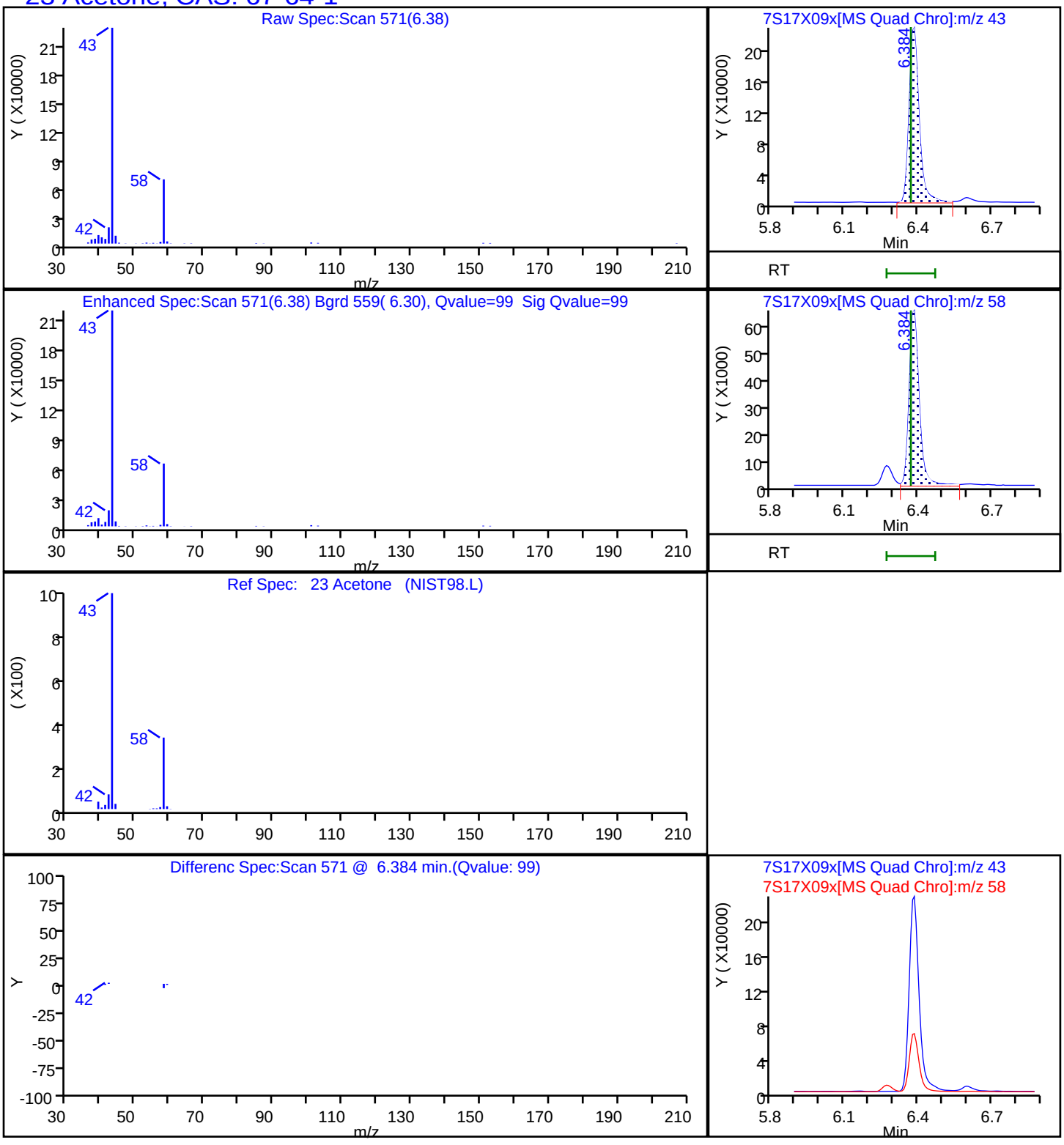
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



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Report Date: 19-Sep-2025 11:25:46 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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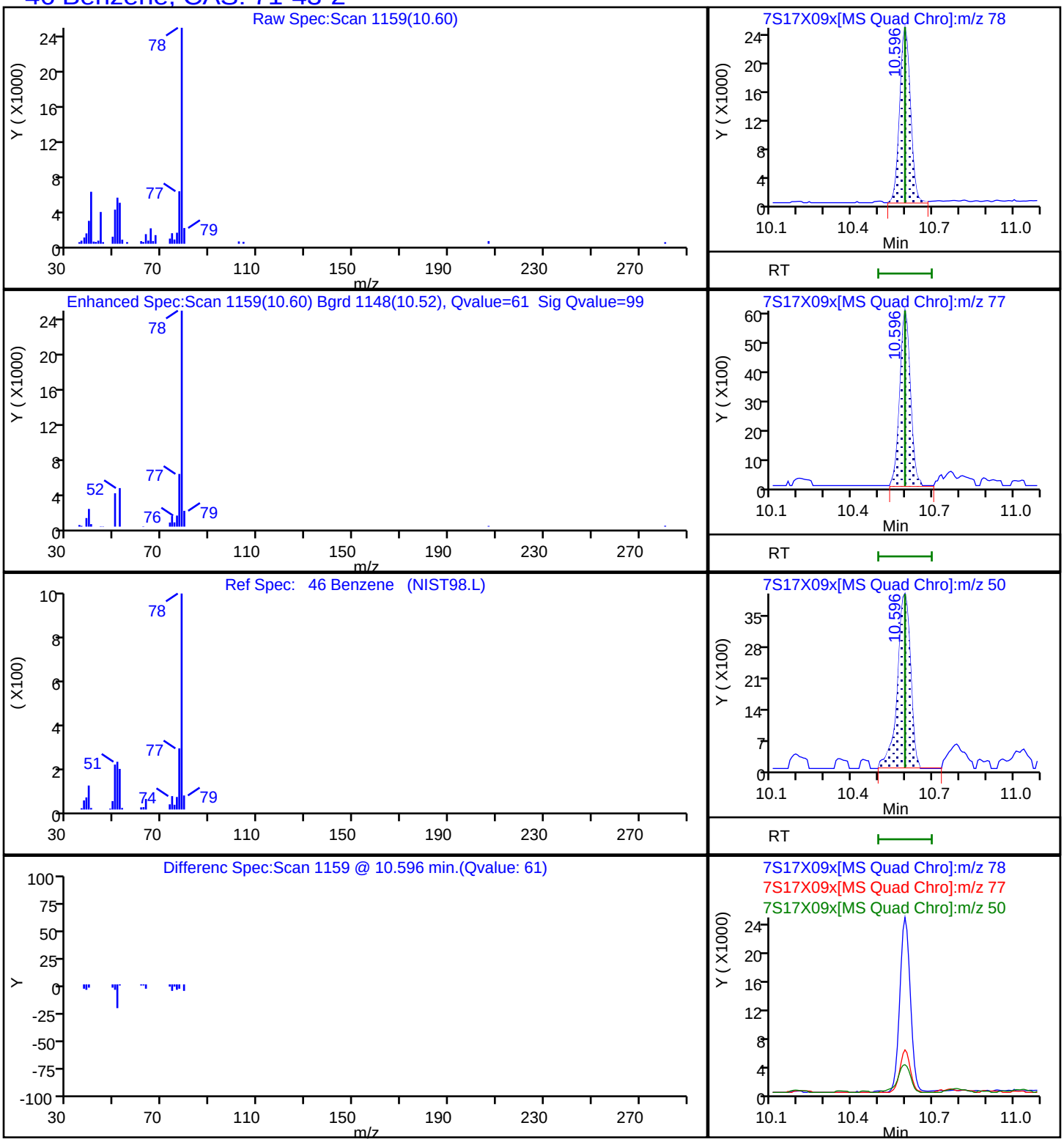
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



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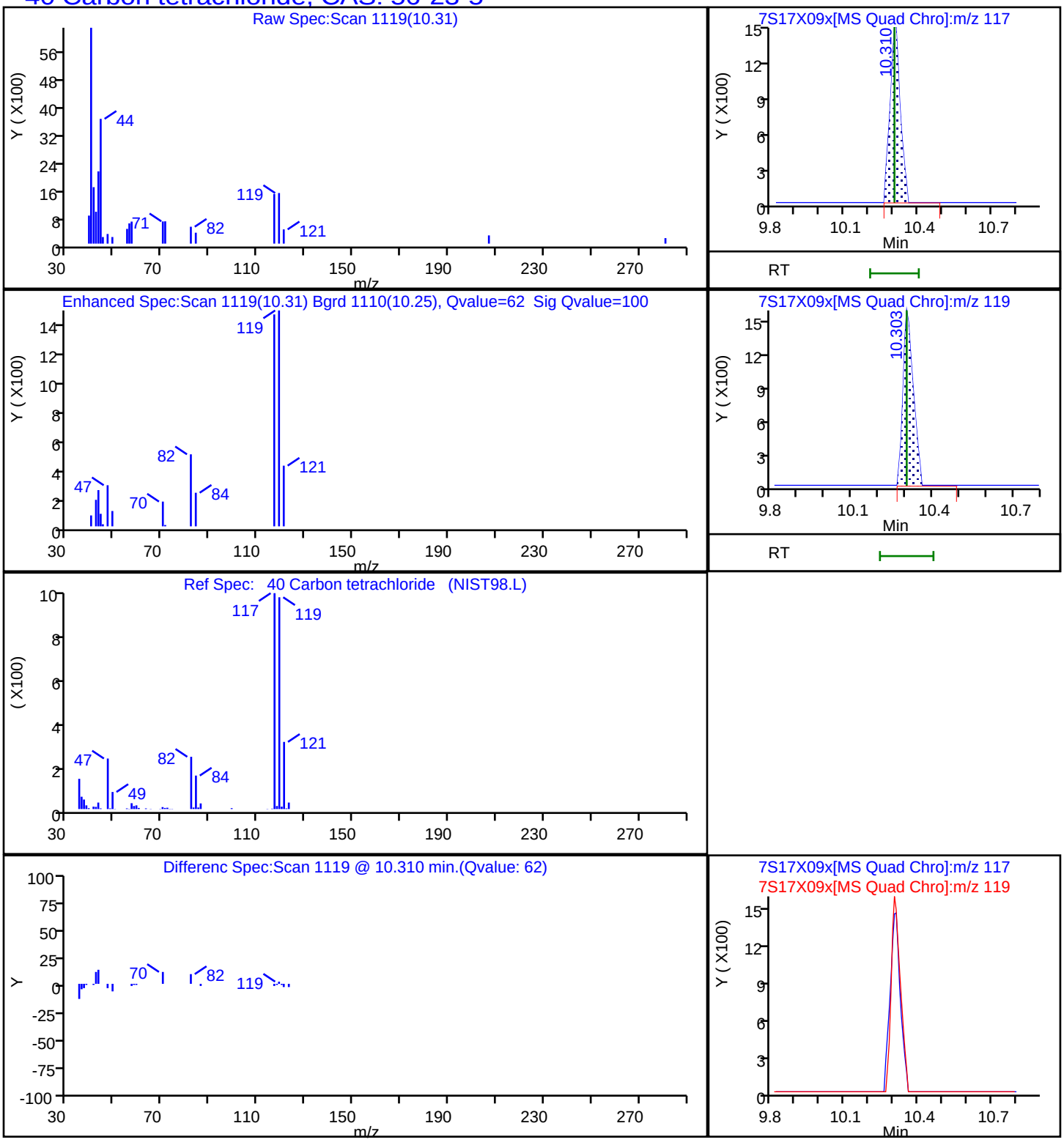
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5



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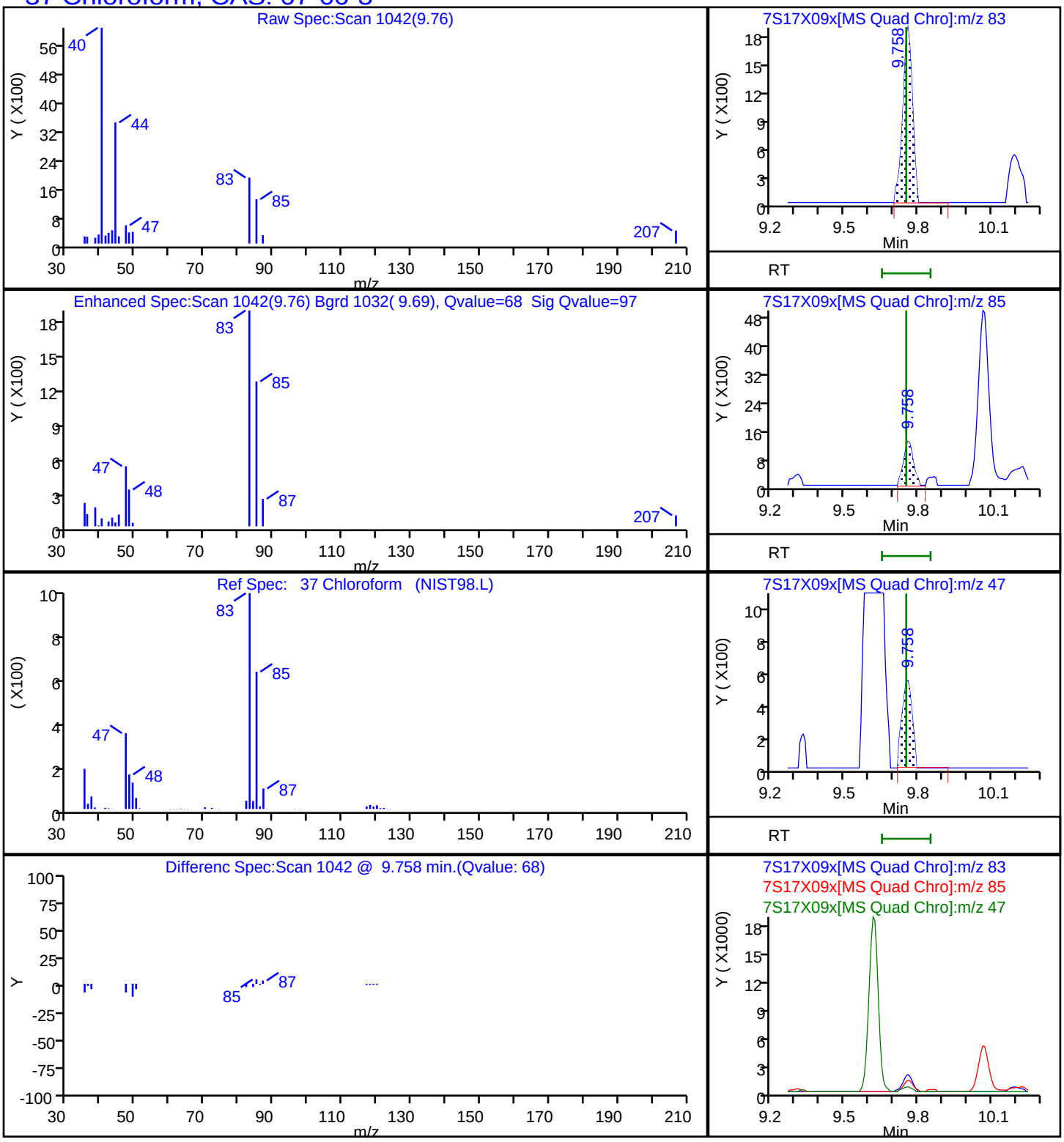
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3



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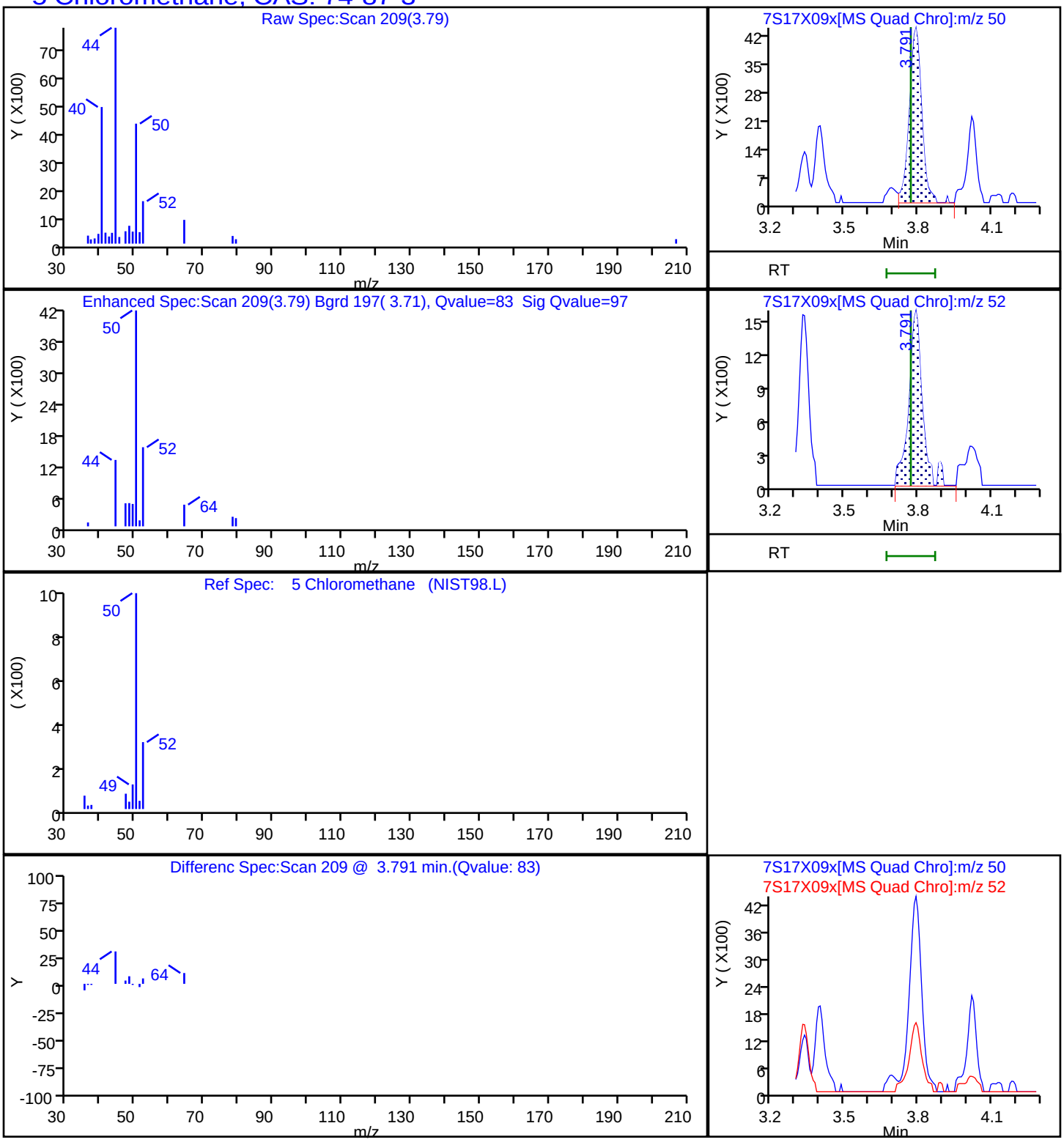
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3



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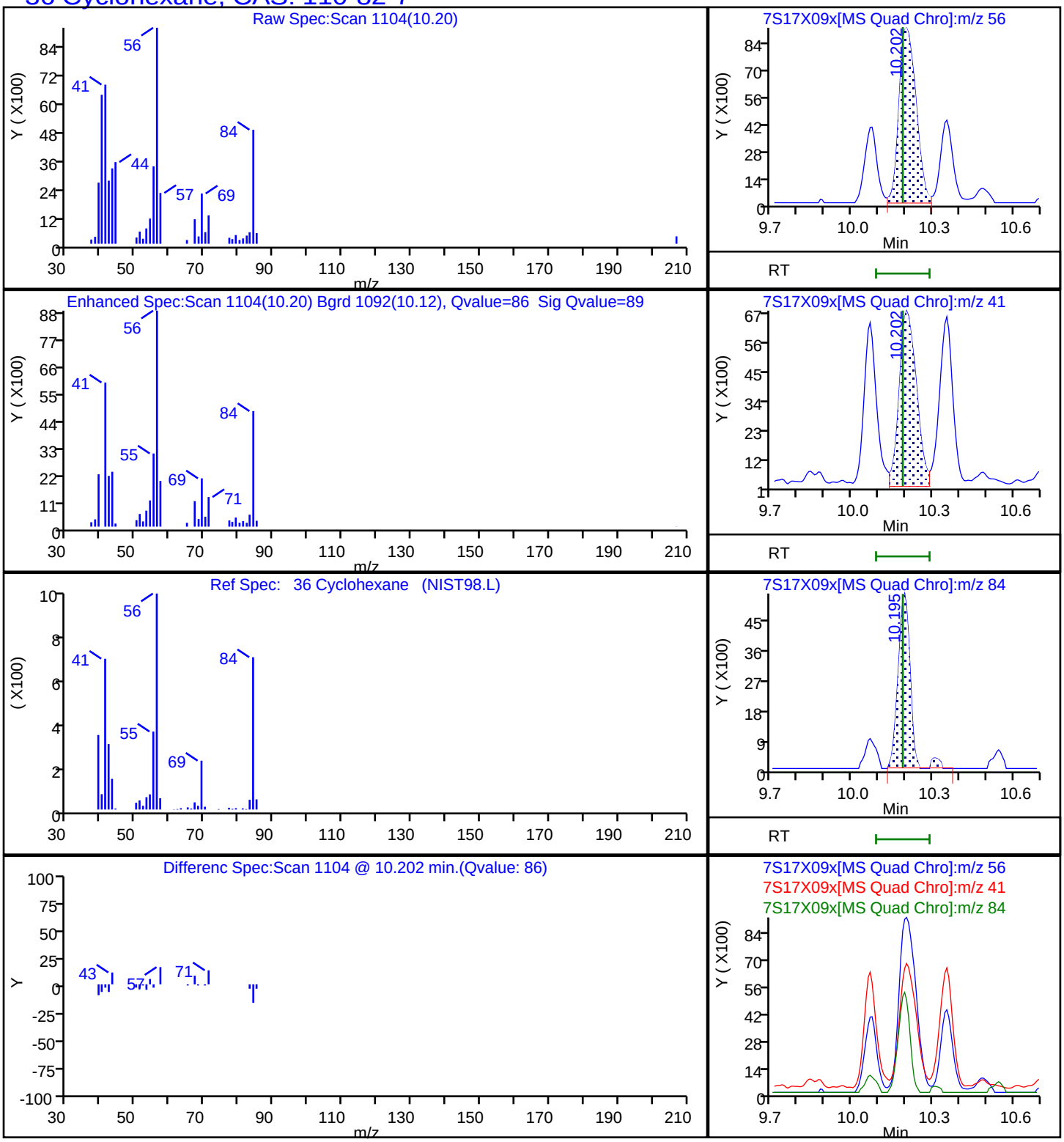
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



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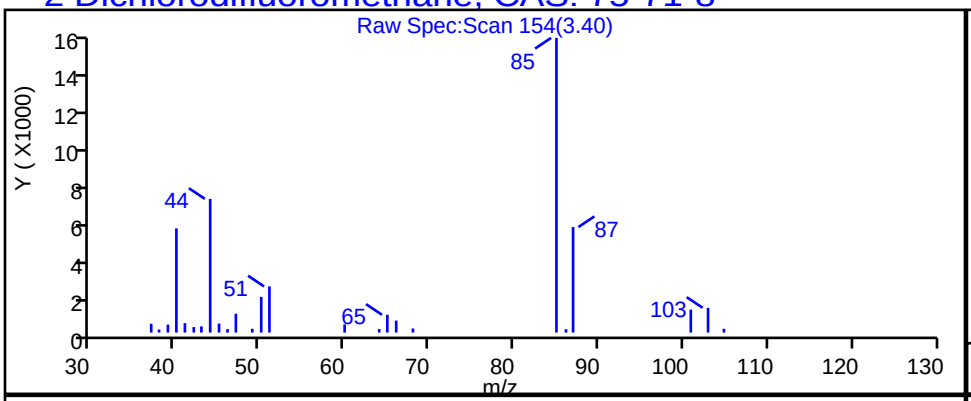
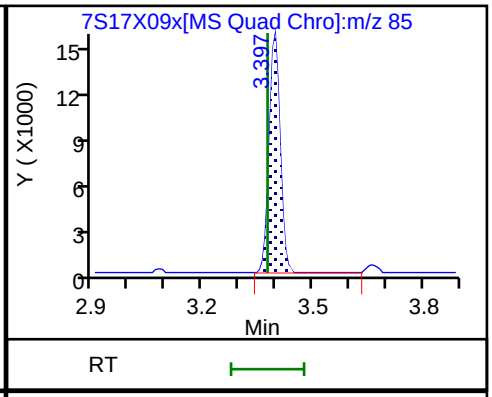
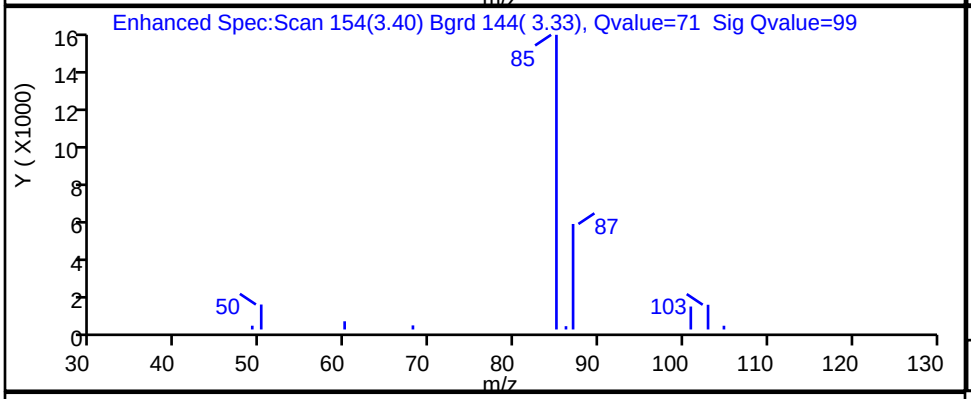
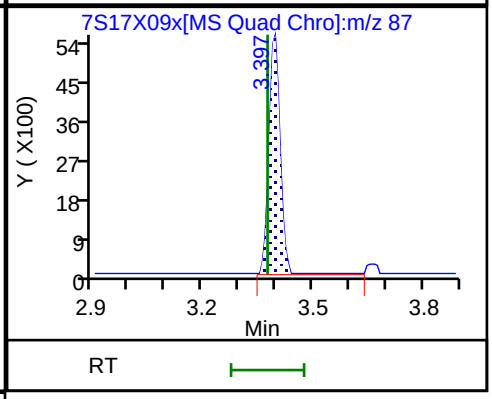
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

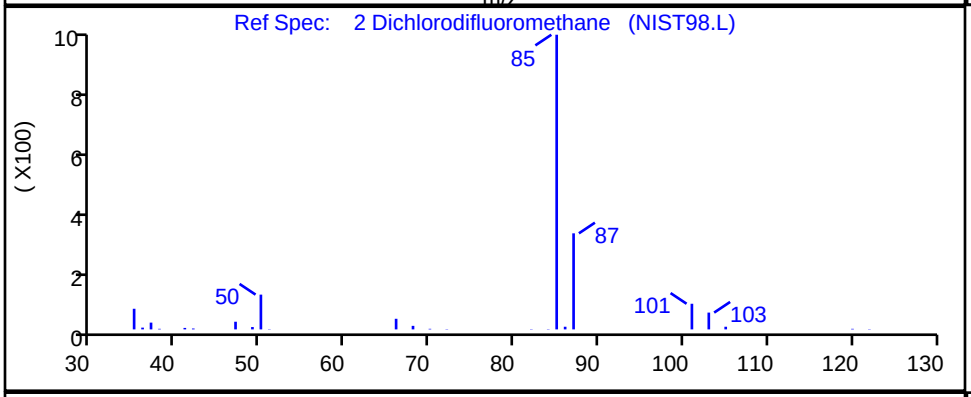
## 2 Dichlorodifluoromethane, CAS: 75-71-8

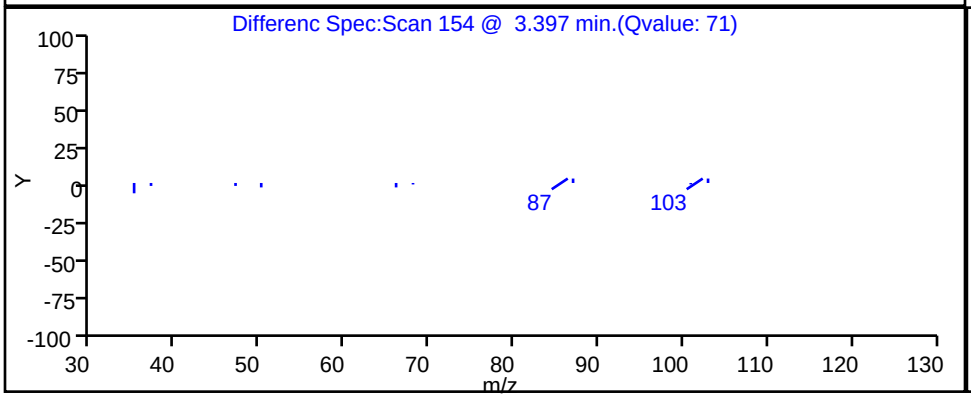


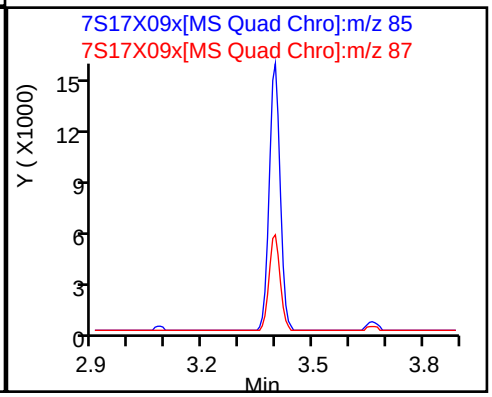



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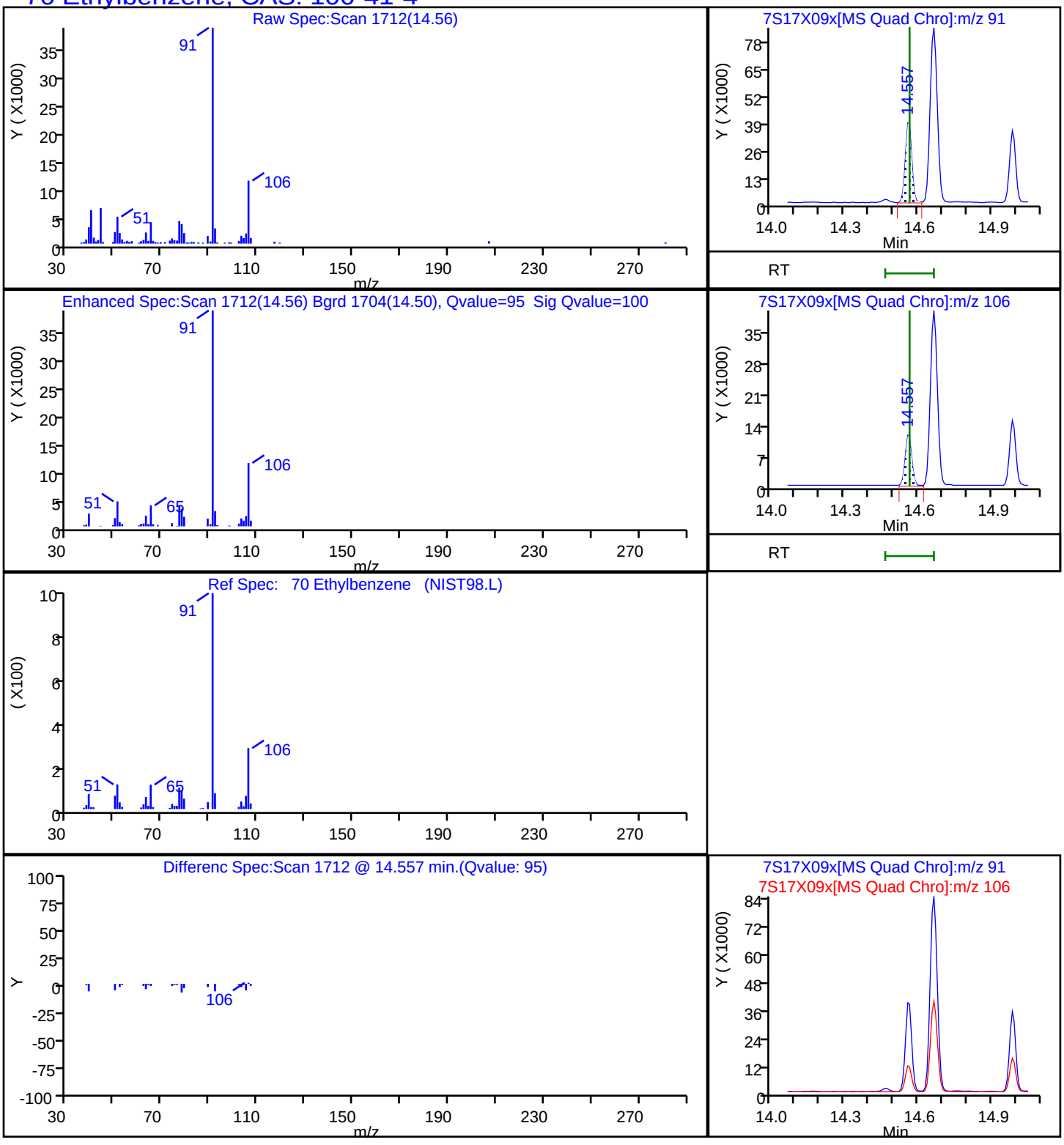
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4



Report Date: 19-Sep-2025 11:25:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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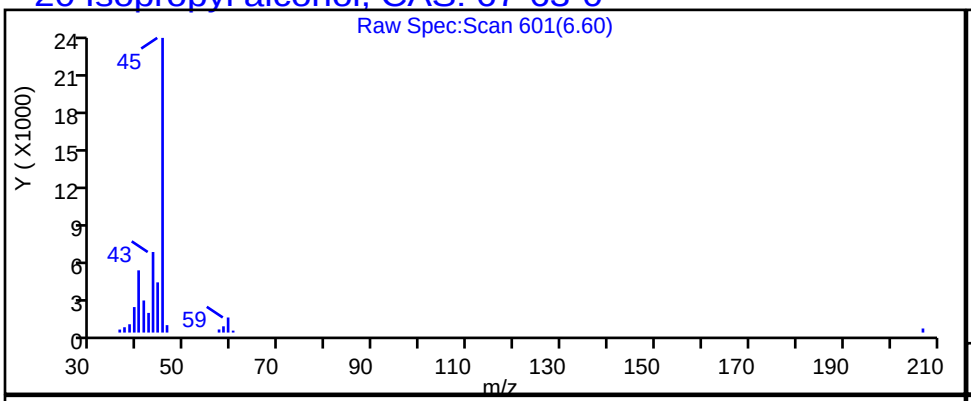
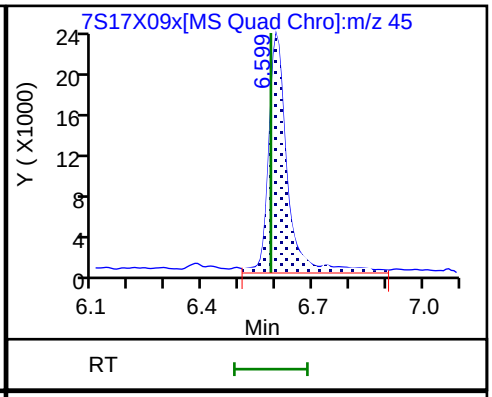
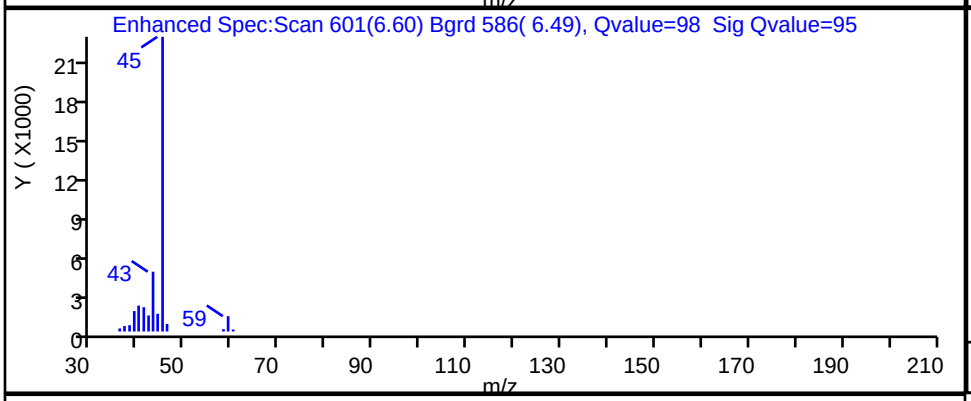
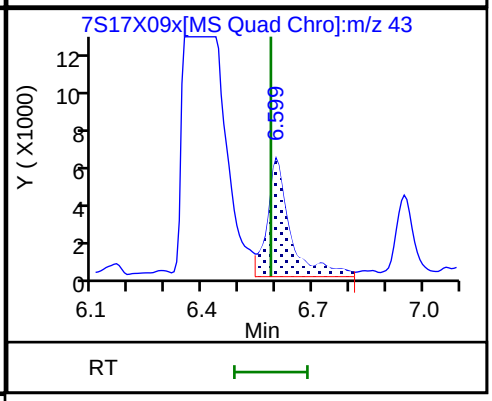
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

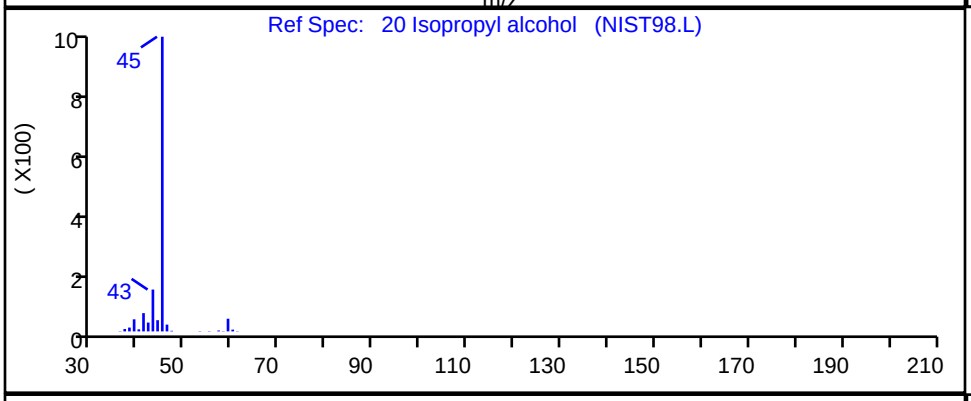
## 20 Isopropyl alcohol, CAS: 67-63-0

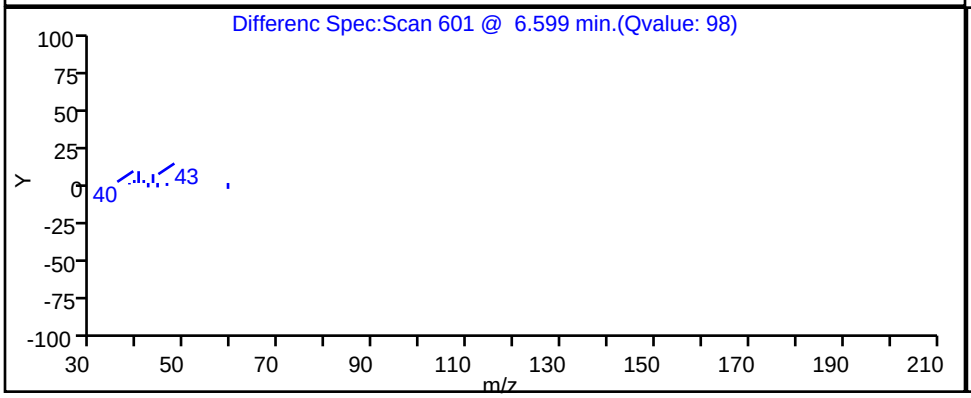


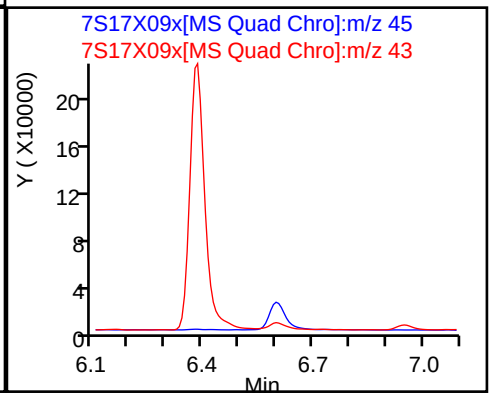



Report Date: 19-Sep-2025 11:25:46 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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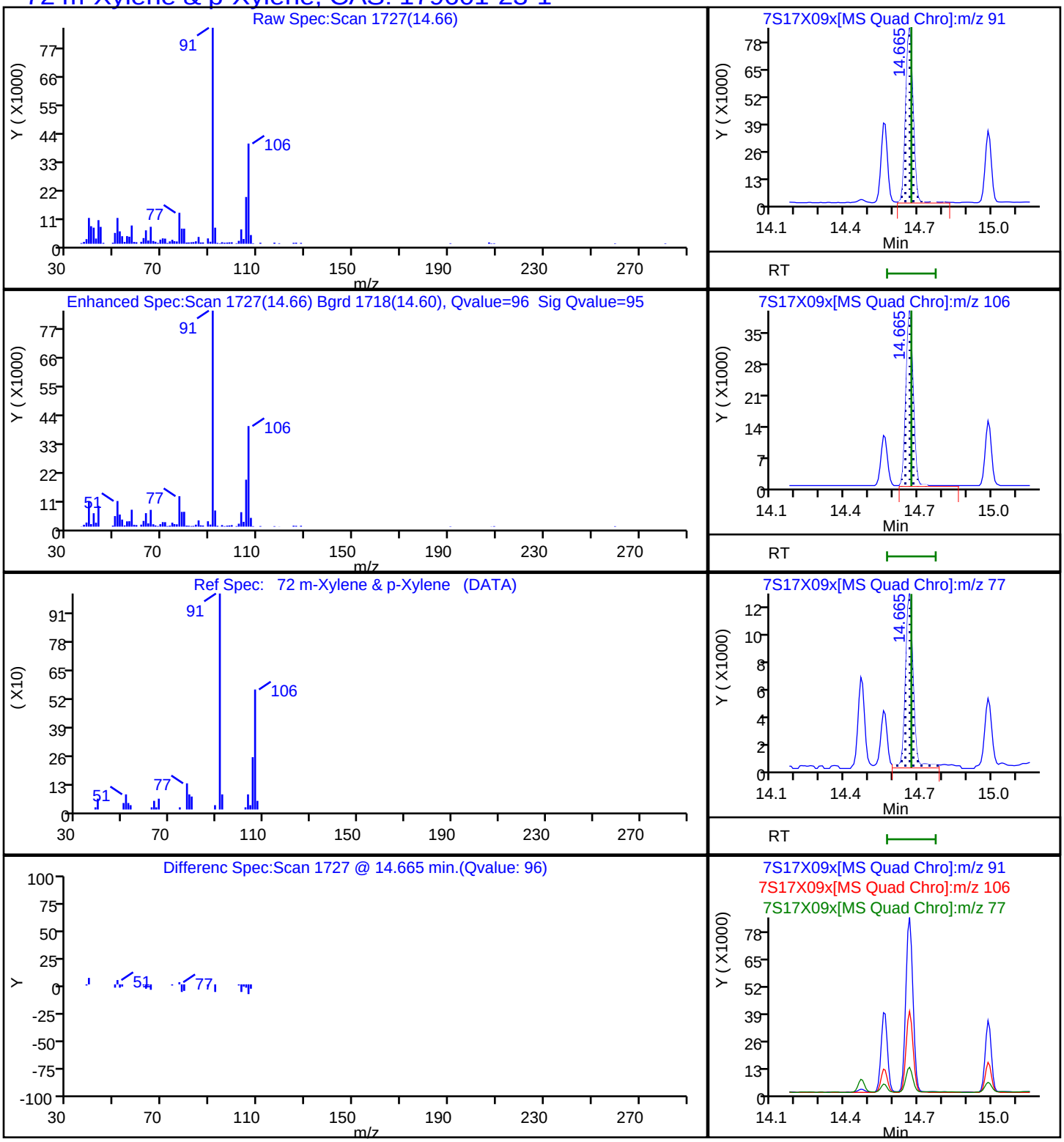
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1



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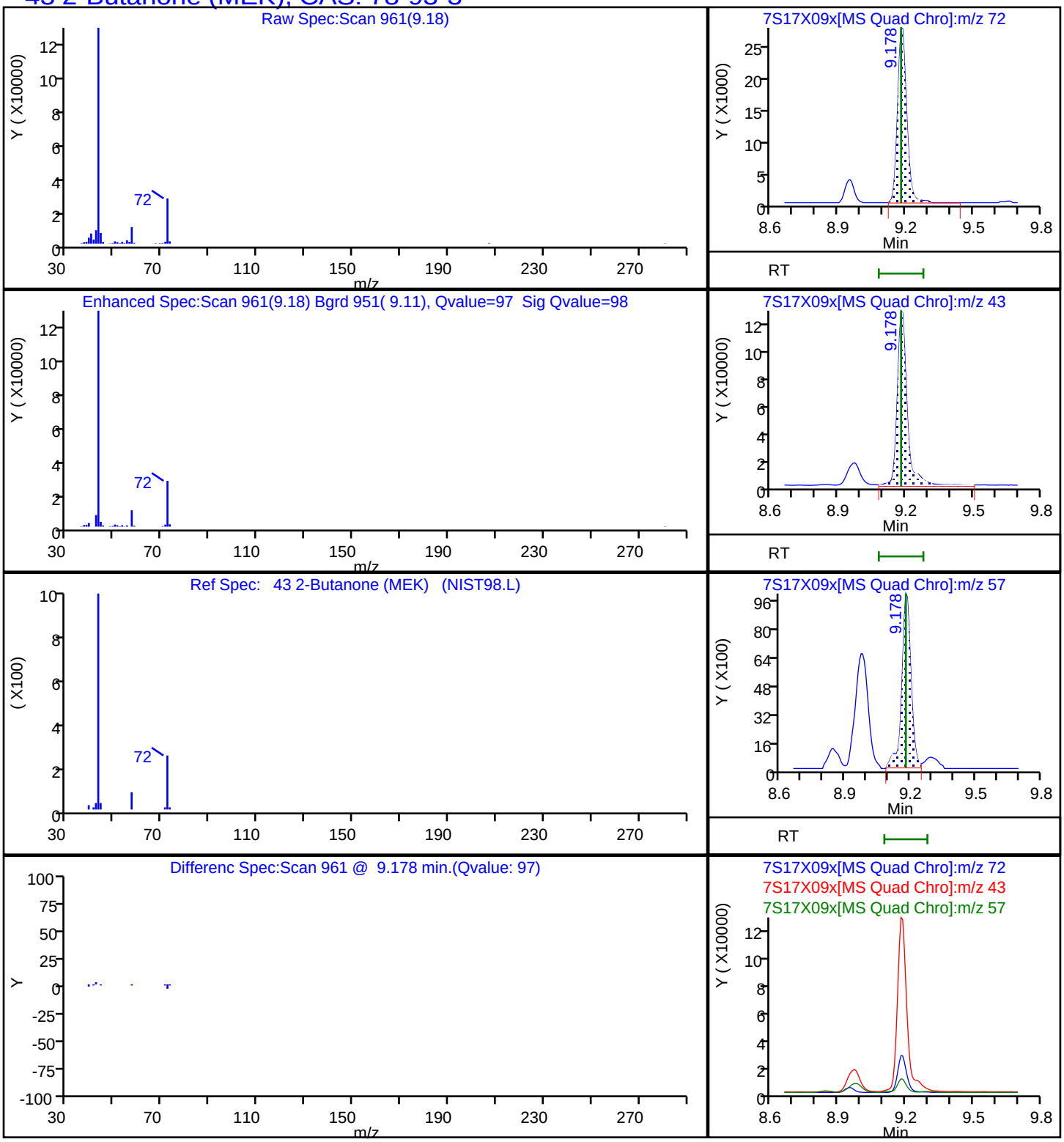
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



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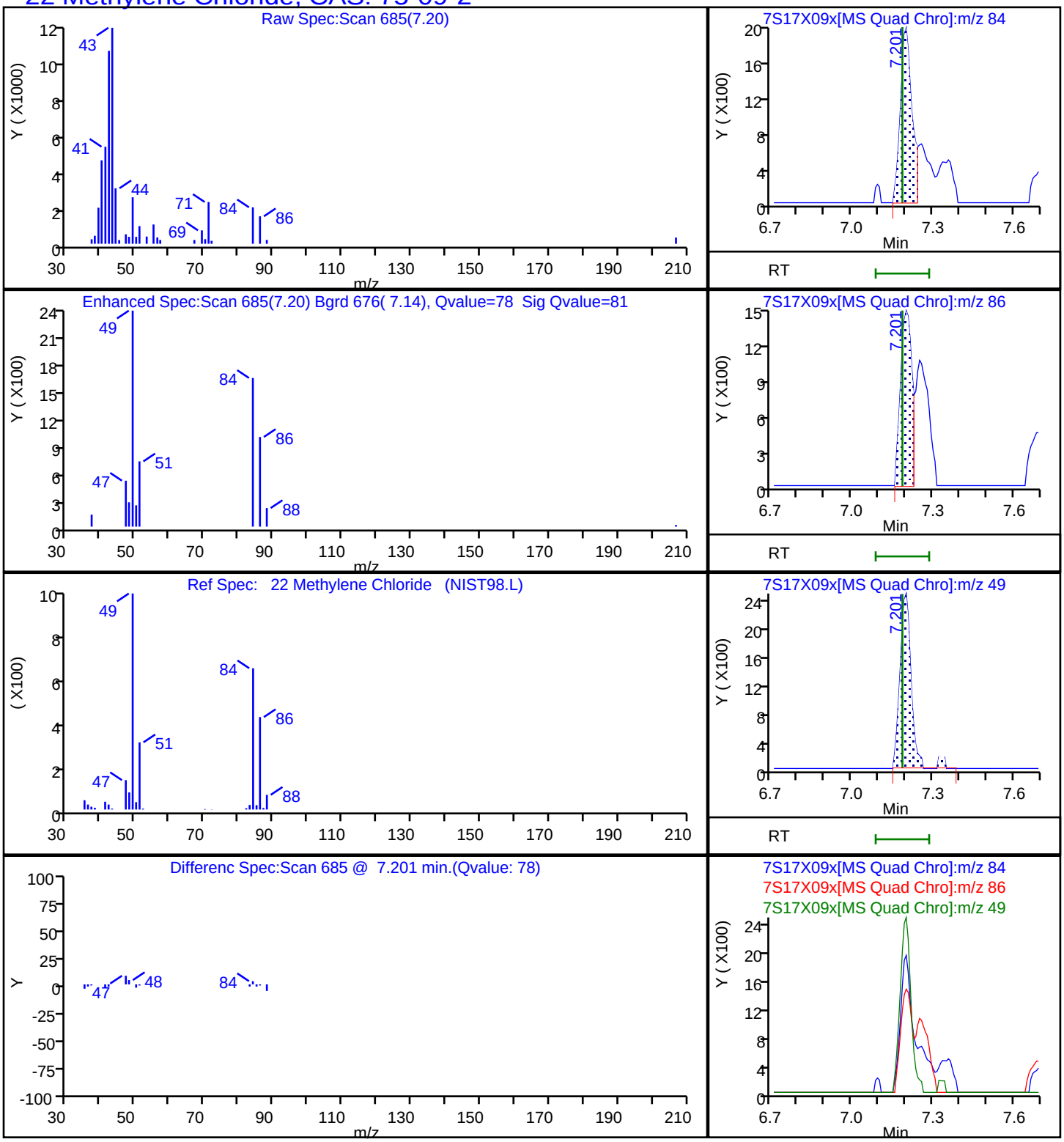
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2

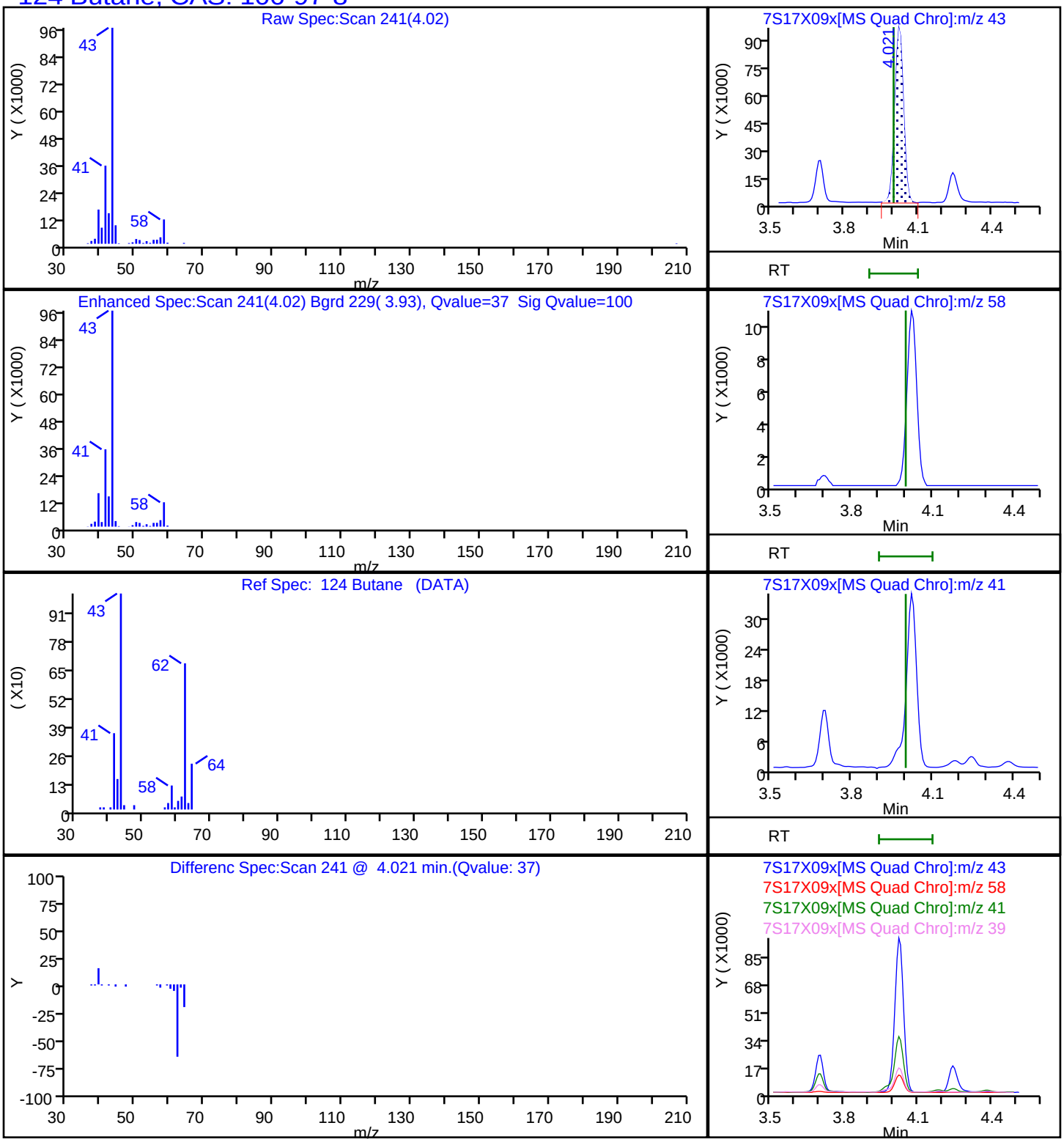


Report Date: 19-Sep-2025 11:25:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8






10/15/2025
2:50:47 PM

Report Date: 19-Sep-2025 11:25:46 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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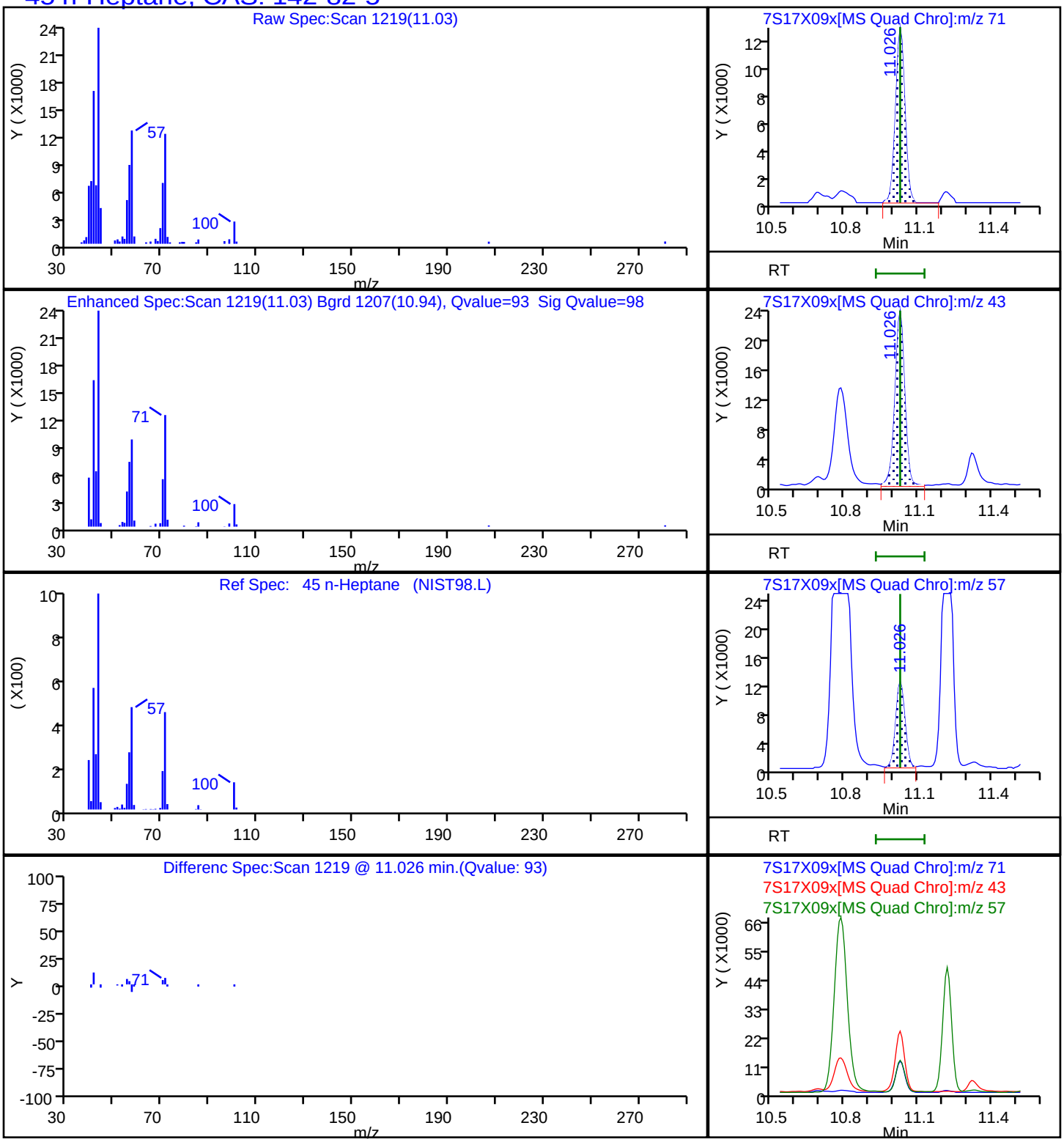
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5






10/15/2025
2:50:47 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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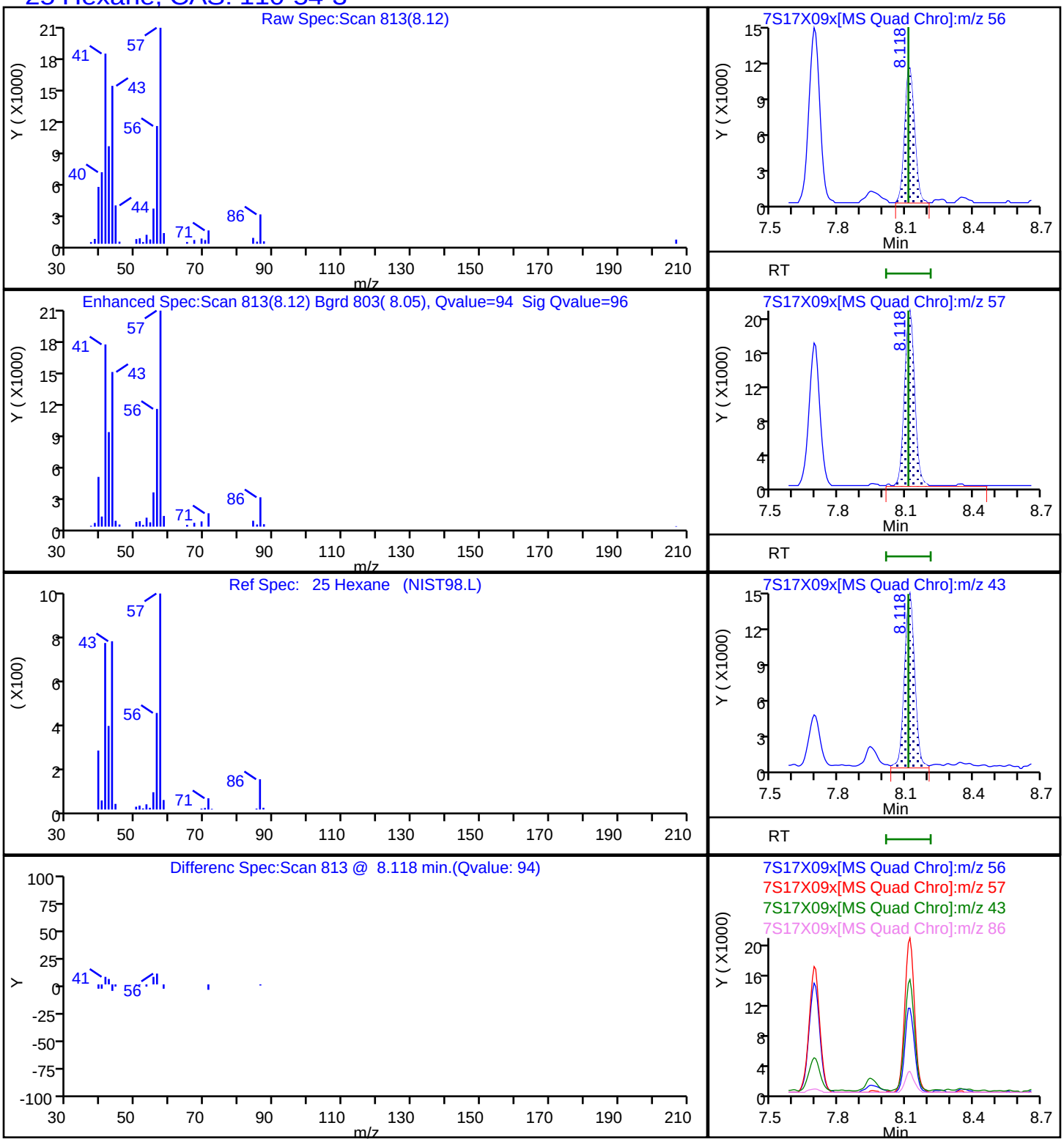
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

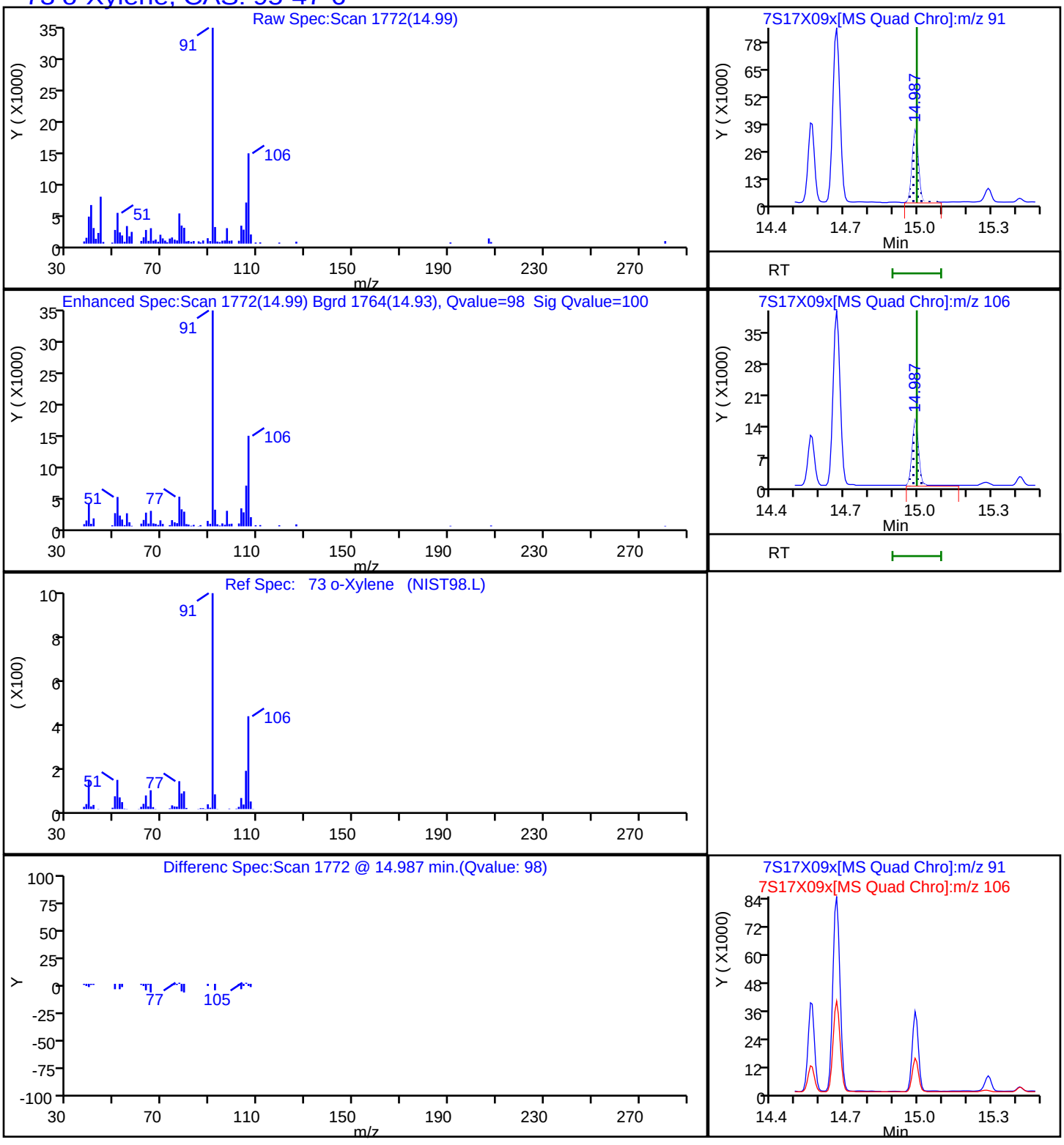
## 25 Hexane, CAS: 110-54-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

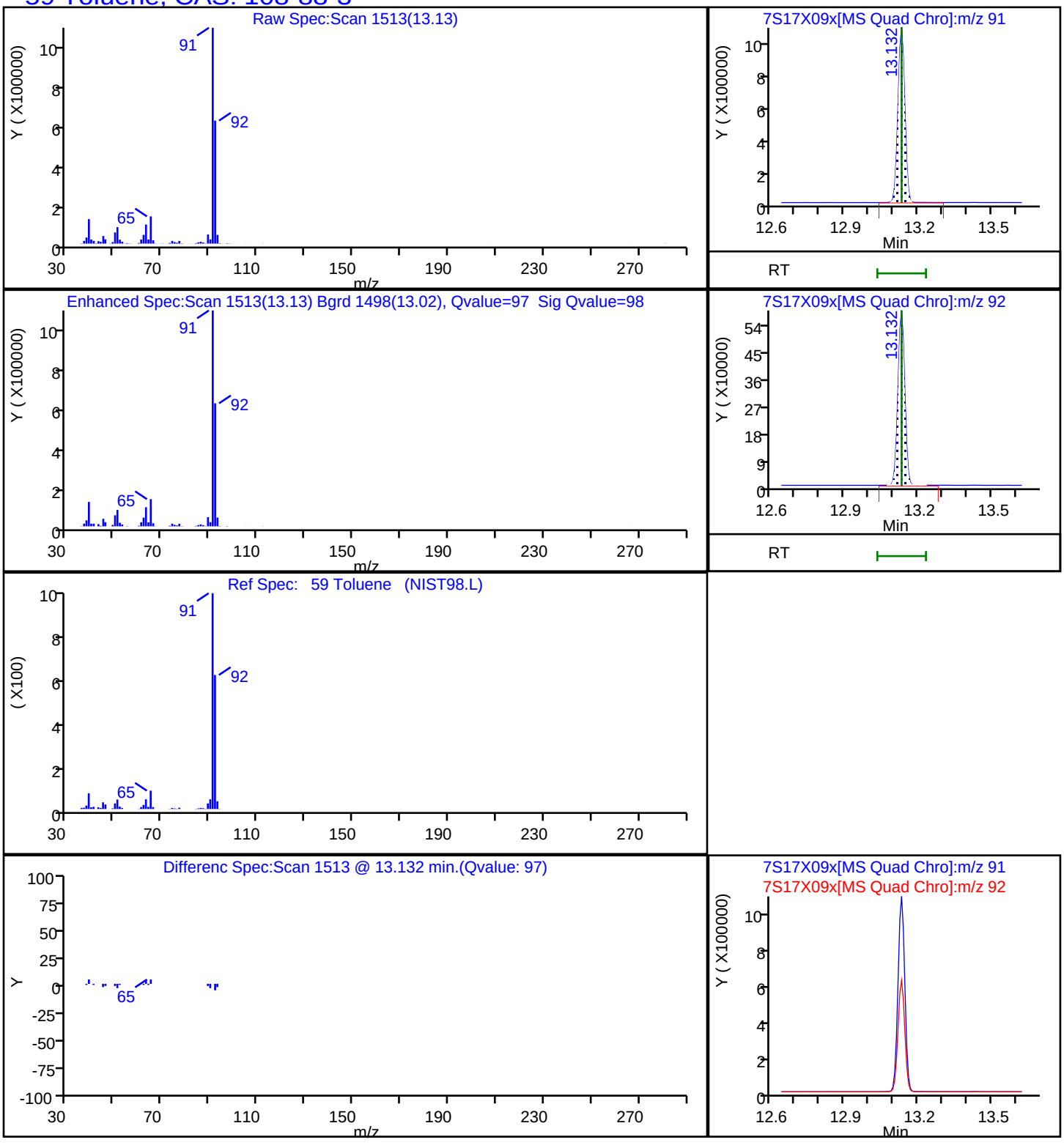
## 73 o-Xylene, CAS: 95-47-6



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

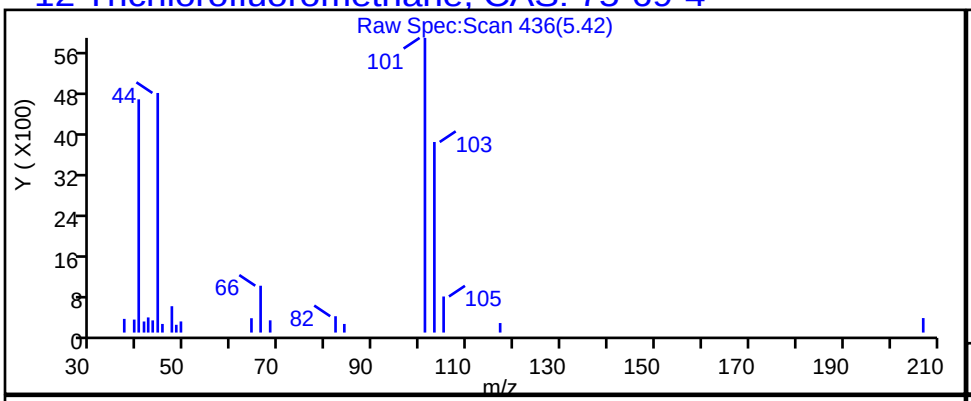
## 59 Toluene, CAS: 108-88-3

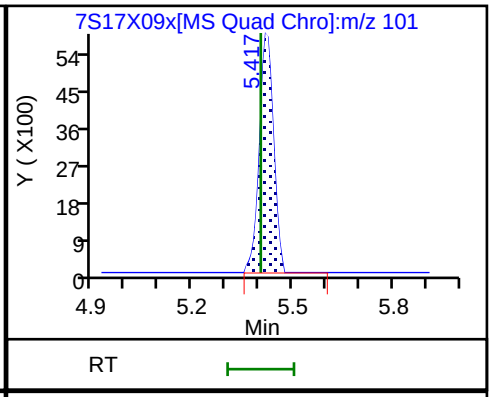


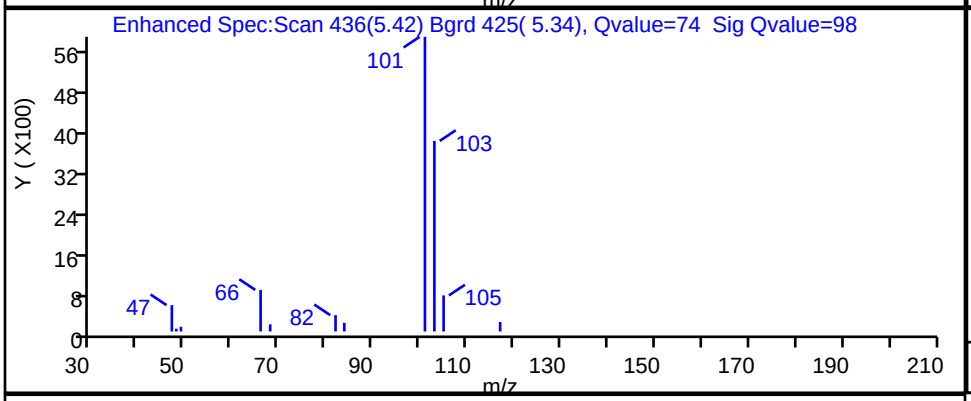
Eurofins Lancaster Laboratories Environment Testing, LLC

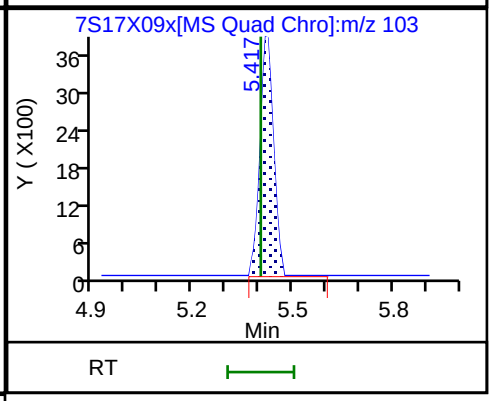
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

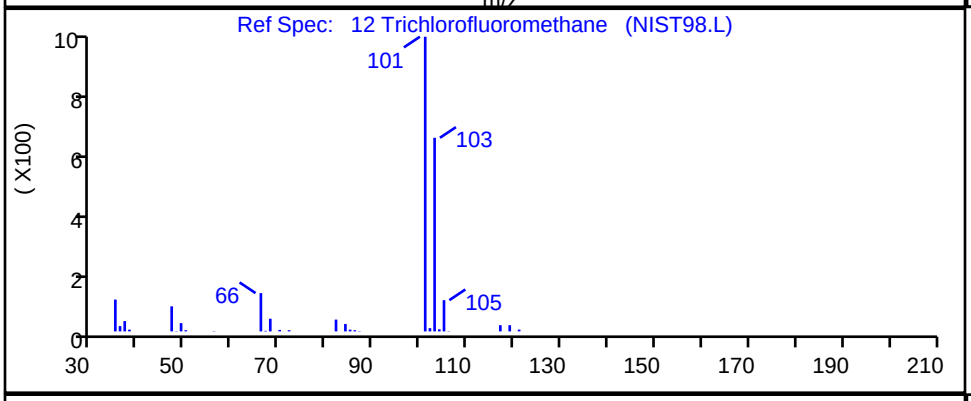
## 12 Trichlorofluoromethane, CAS: 75-69-4

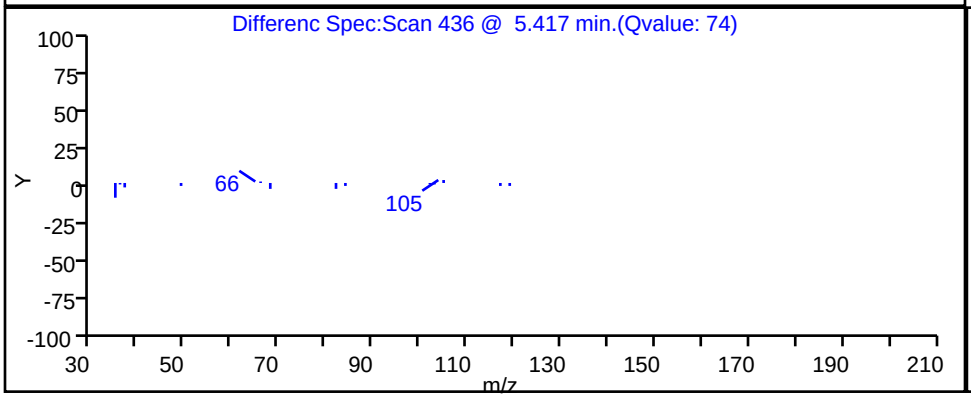


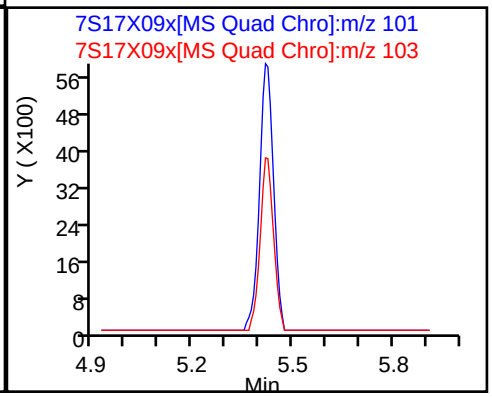



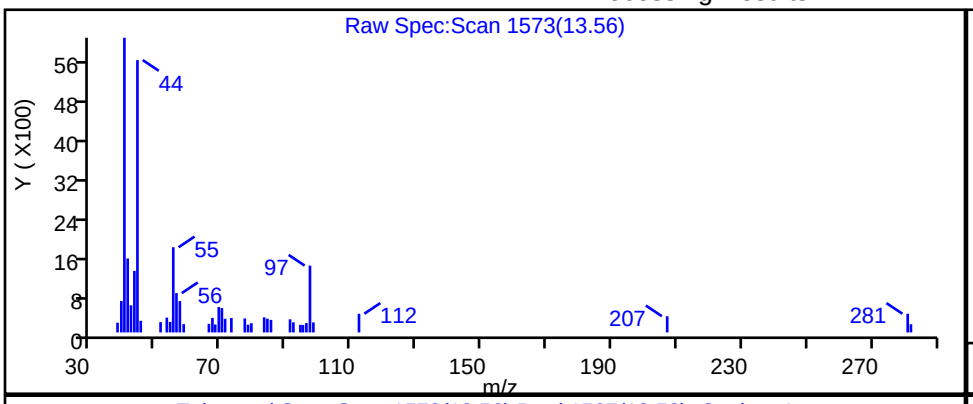
User Disabled Compound Report

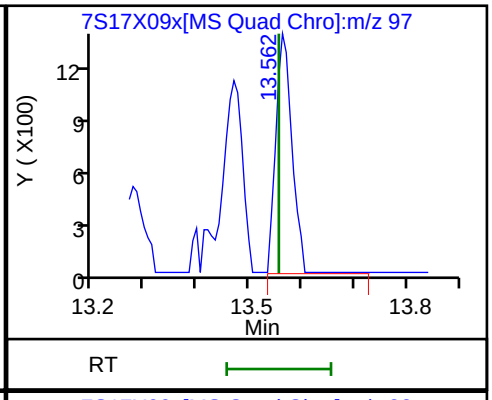
Eurofins Lancaster Laboratories Environment Testing, LLC

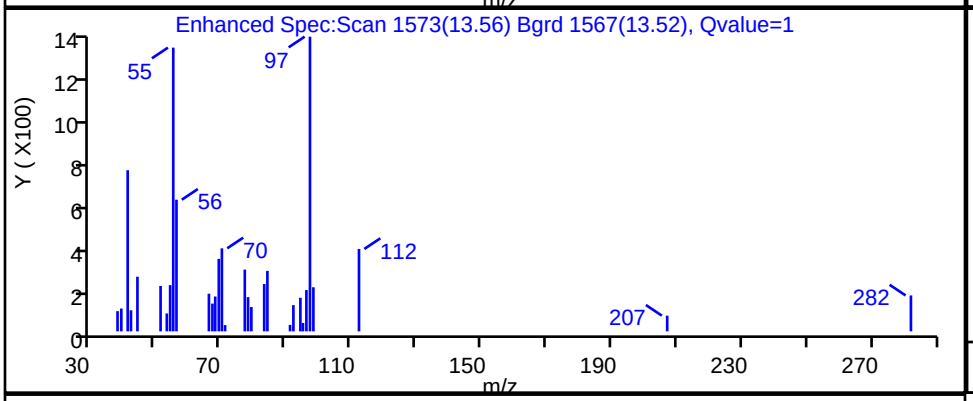
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

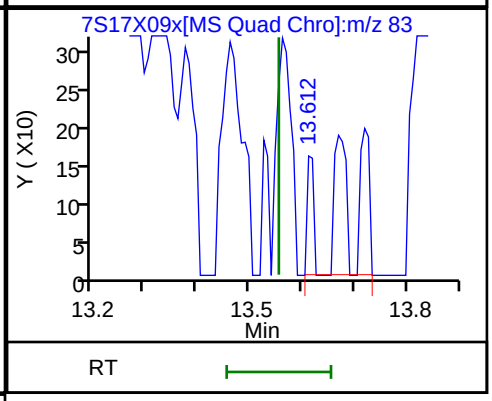
## 64 1,1,2-Trichloroethane, CAS: 79-00-5

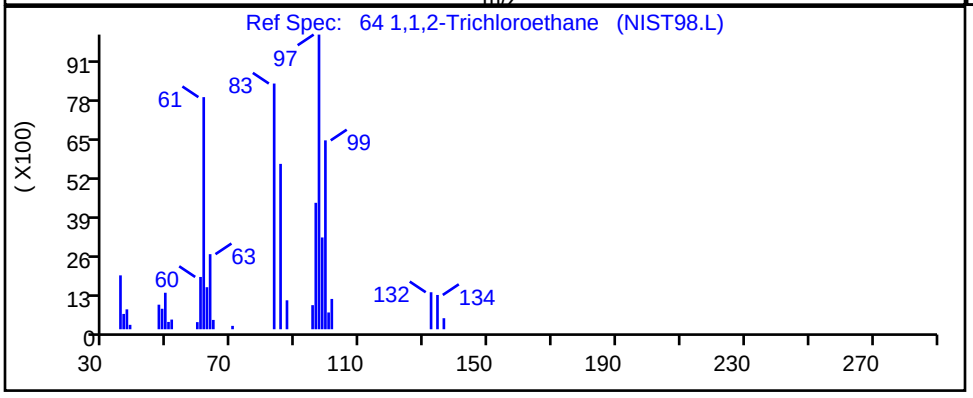
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.56 | 97.00 | 2919 | 0.082643 |
| 13.61 | 83.00 | 650 | |

Reviewer: D7UM, 19-Sep-2025 08:59:35 -04:00:00 (UTC)

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

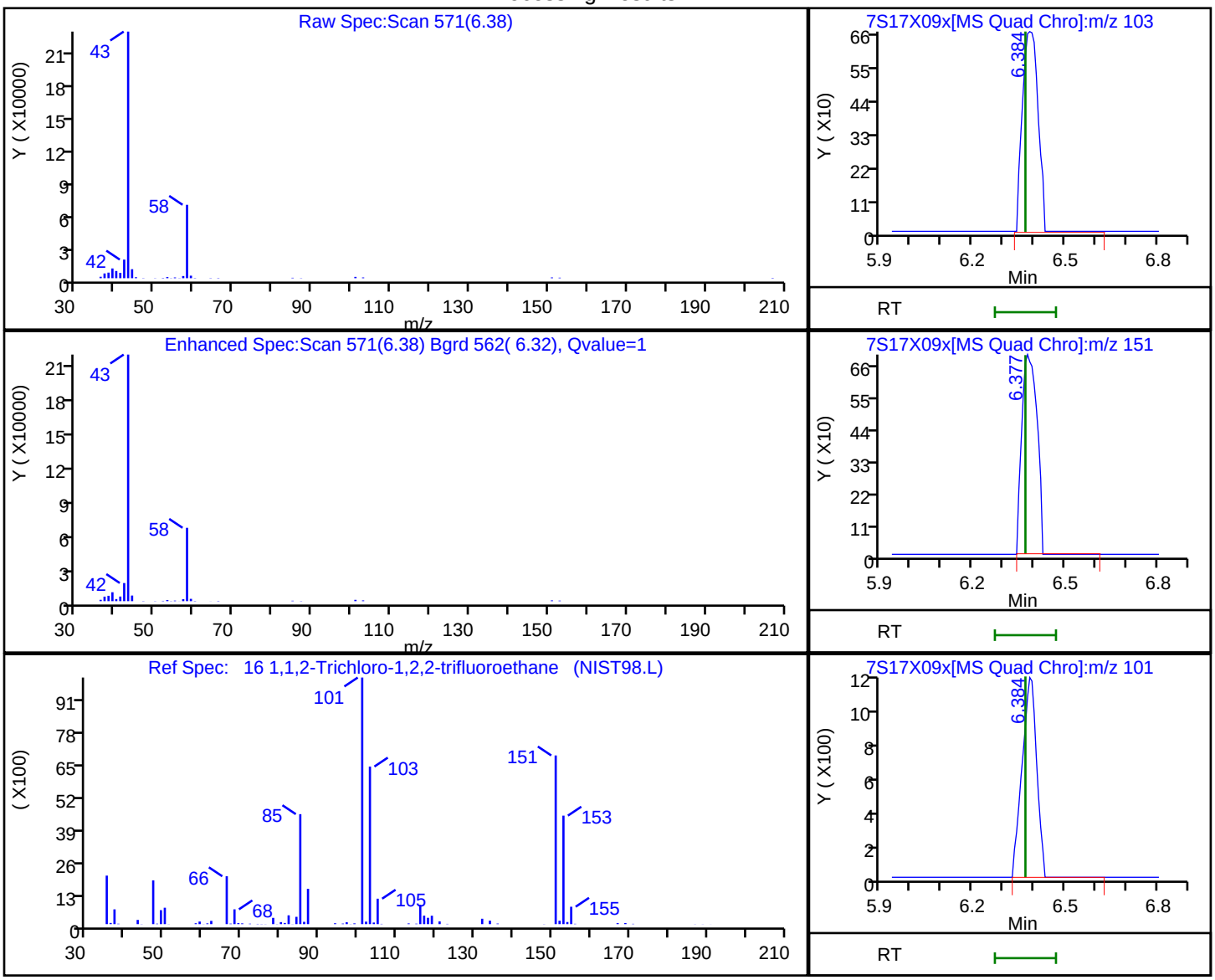
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.38 | 103.00 | 2389 | 0.075315 |
| 6.38 | 151.00 | 2422 | |
| 6.38 | 101.00 | 3907 | |

Reviewer: D7UM, 19-Sep-2025 08:58:57 -04:00:00 (UTC)

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

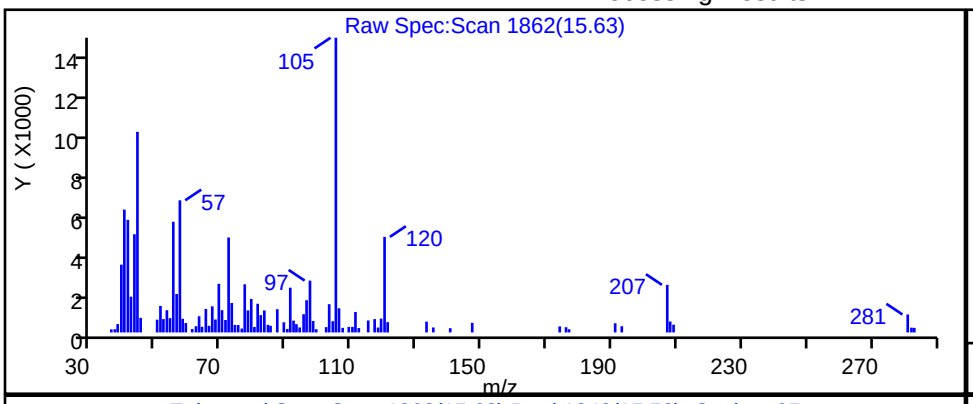
User Disabled Compound Report

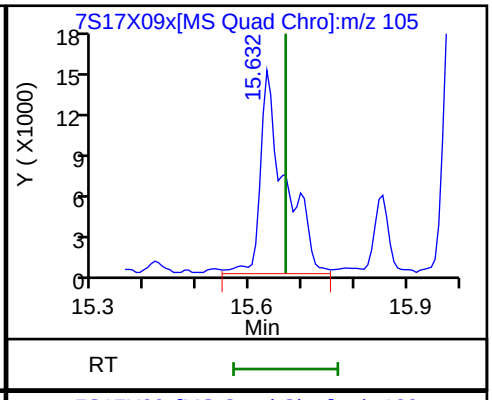
Eurofins Lancaster Laboratories Environment Testing, LLC

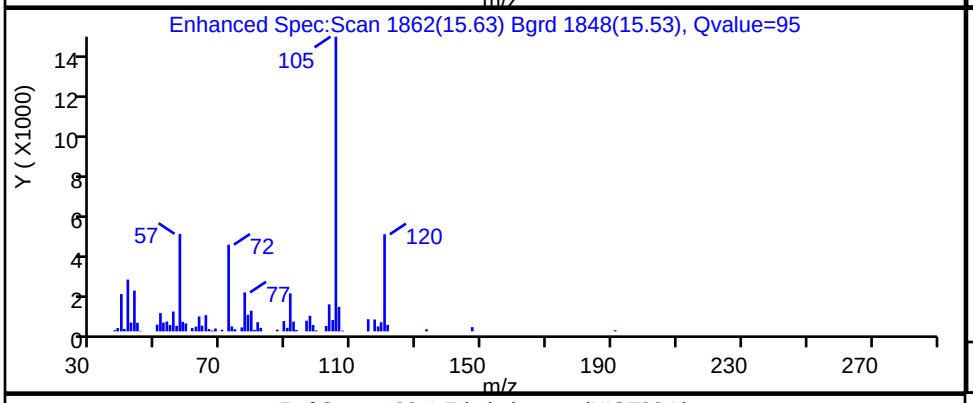
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

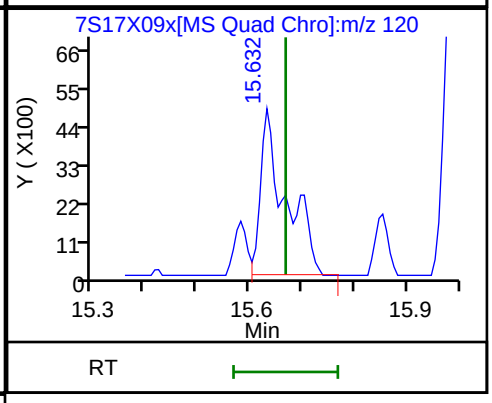
## 80 4-Ethyltoluene, CAS: 622-96-8

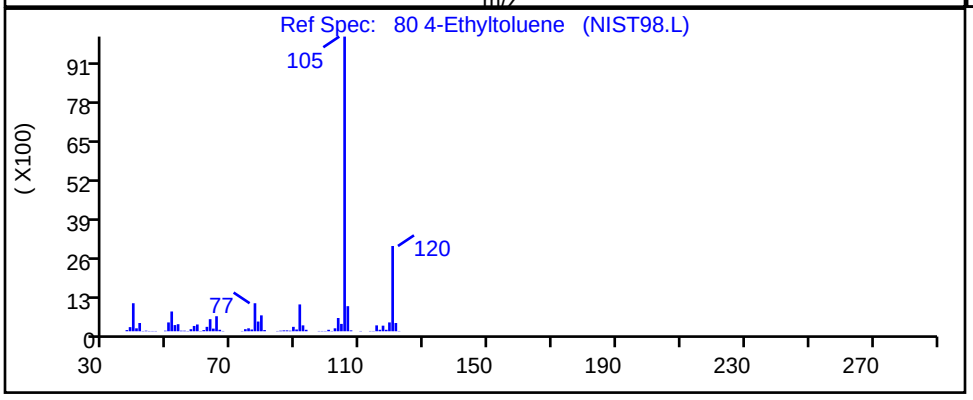
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.63 | 105.00 | 49157 | 0.419415 |
| 15.63 | 120.00 | 16287 | |

Reviewer: D7UM, 19-Sep-2025 08:59:59 -04:00:00 (UTC)

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

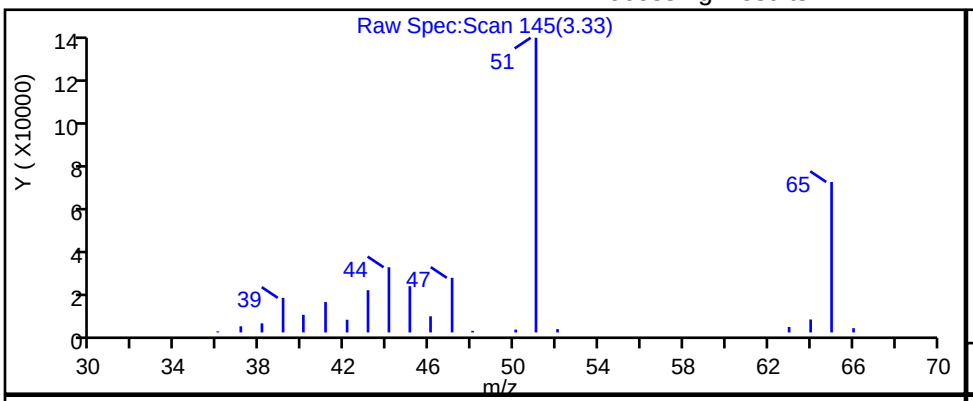
User Disabled Compound Report

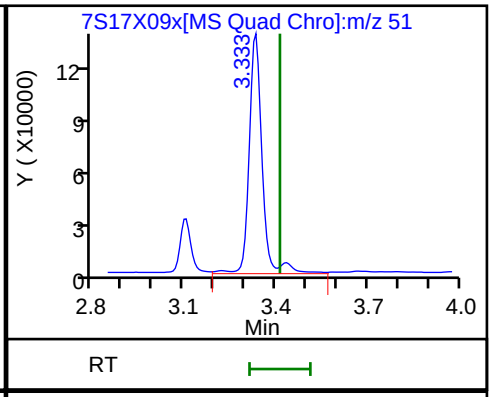
Eurofins Lancaster Laboratories Environment Testing, LLC

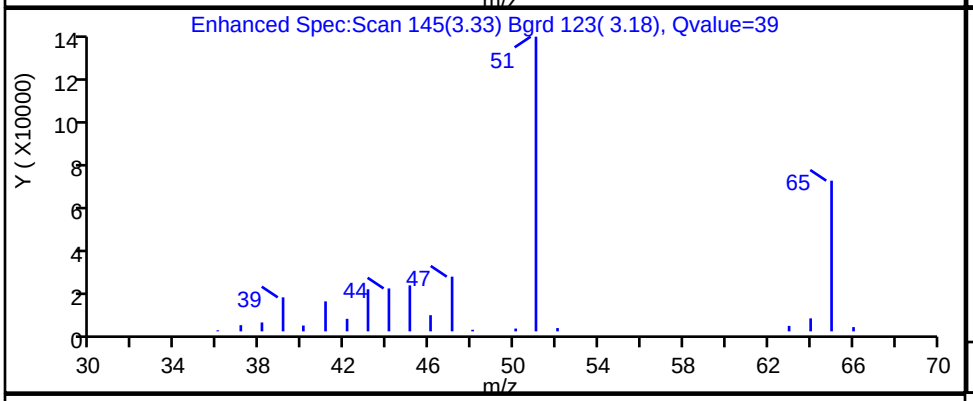
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

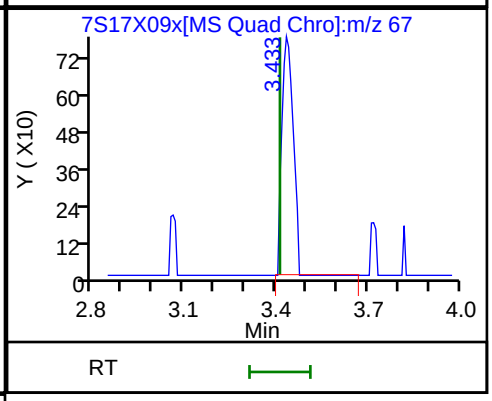
## 3 Chlorodifluoromethane, CAS: 75-45-6

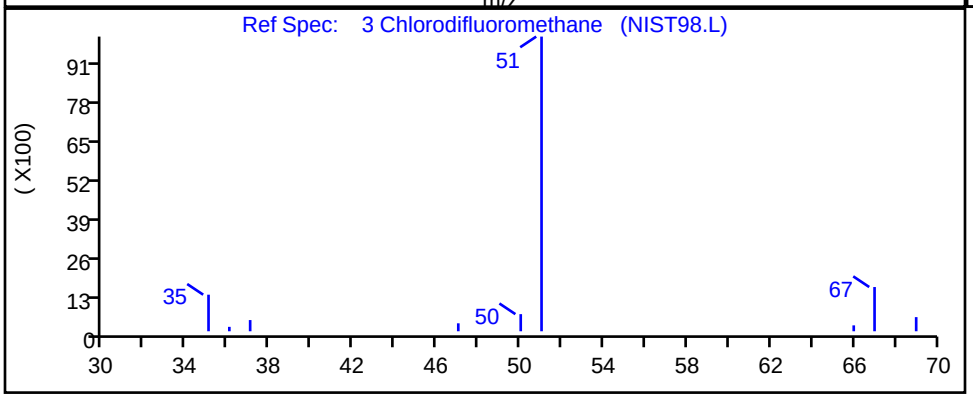
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 51.00 | 380983 | 9.638725 |
| 3.43 | 67.00 | 2043 | |

Reviewer: D7UM, 19-Sep-2025 08:58:42 -04:00:00 (UTC)

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

User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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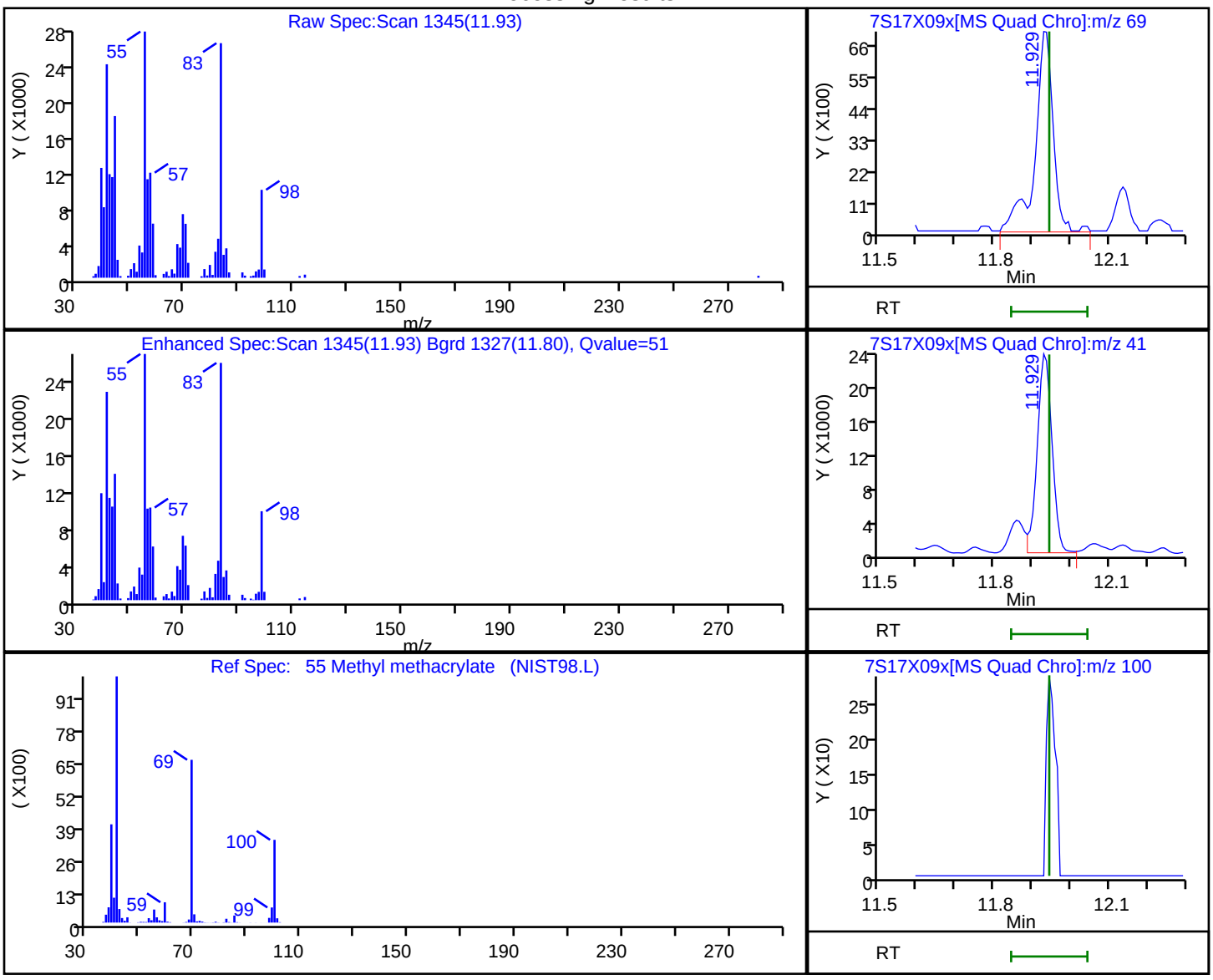
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.93 | 69.00 | 23043 | 0.818362 |
| 11.93 | 41.00 | 62798 | |
| 11.94 | 100.00 | 0 | |

Reviewer: D7UM, 19-Sep-2025 08:59:30 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

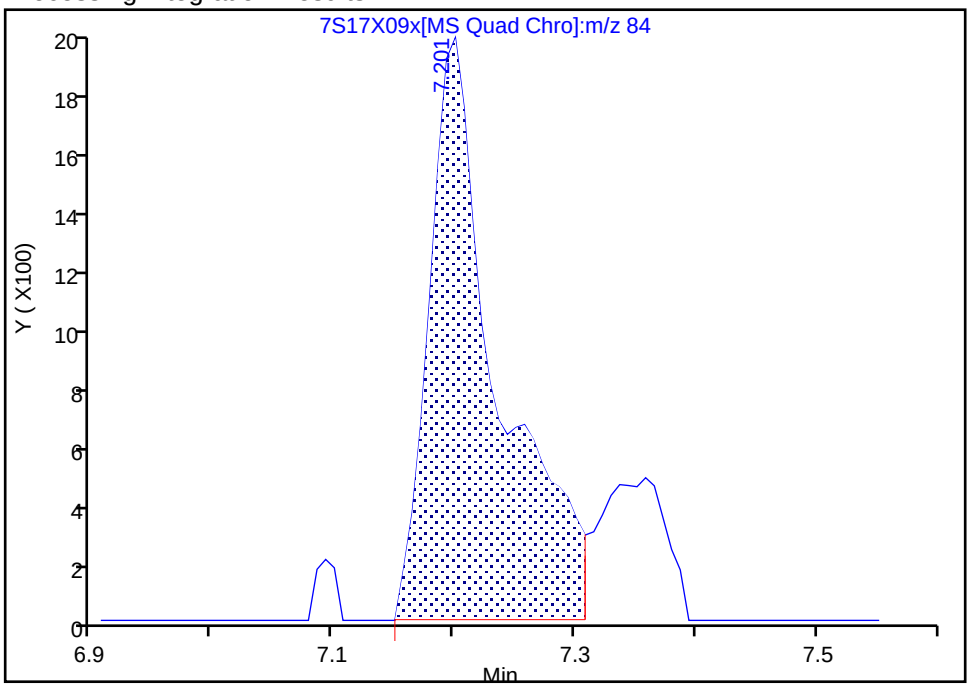
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2

Signal: 1

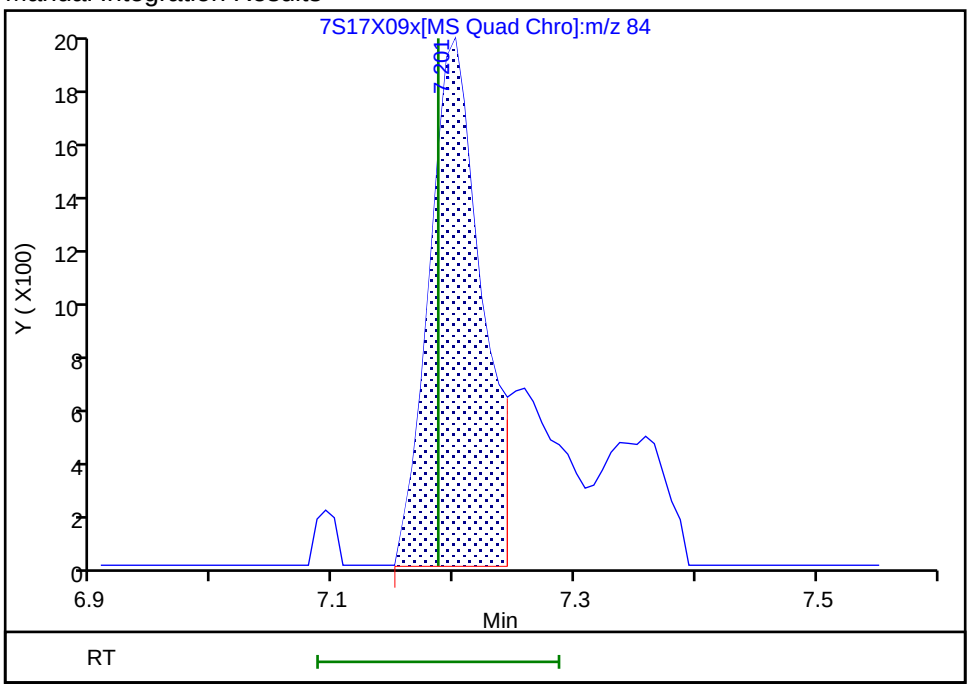
Processing Integration Results

RT: 7.20
Area: 7690
Amount: 0.319244
Amount Units: ppb v/v




Manual Integration Results

RT: 7.20
Area: 5745
Amount: 0.238499
Amount Units: ppb v/v




Reviewer: D7UM, 19-Sep-2025 08:59:07 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

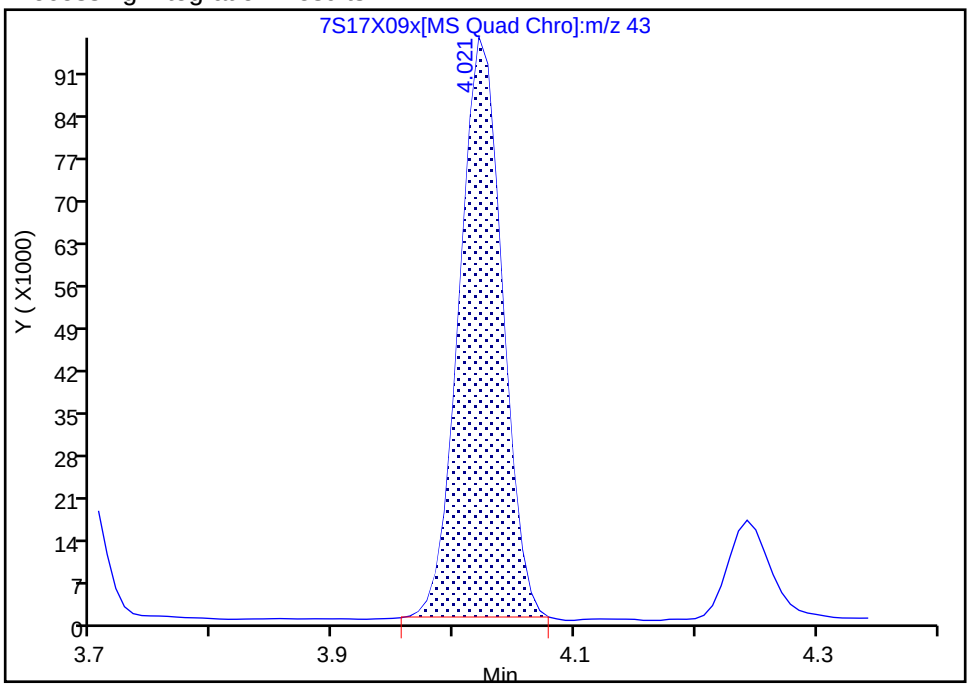
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

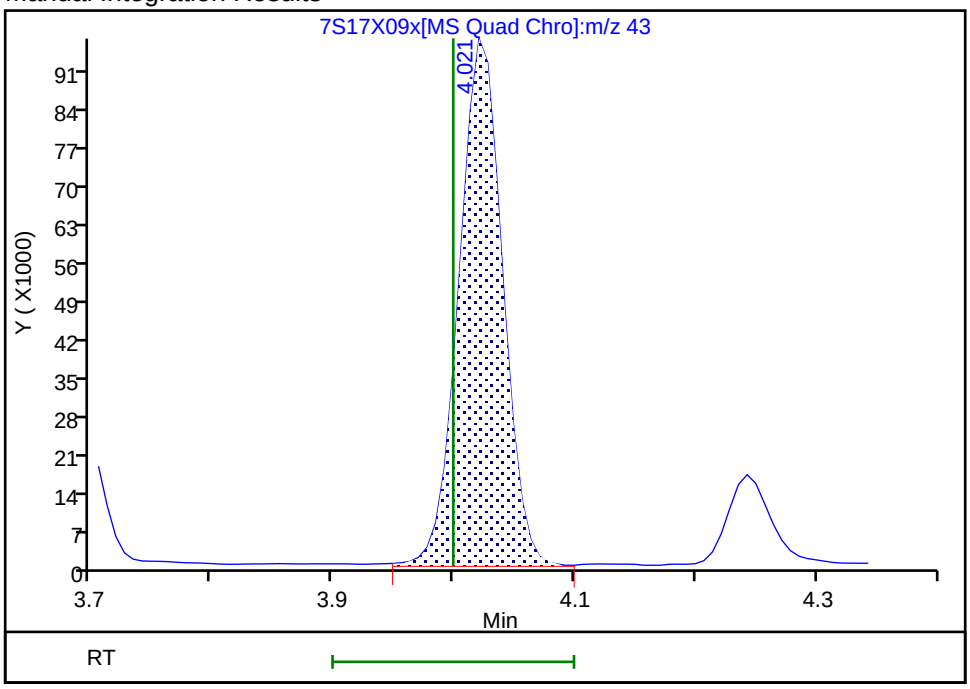
Processing Integration Results

RT: 4.02
Area: 237720
Amount: 5.065523
Amount Units: ppb v/v




Manual Integration Results

RT: 4.02
Area: 241692
Amount: 5.150161
Amount Units: ppb v/v




Reviewer: D7UM, 19-Sep-2025 09:02:08 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

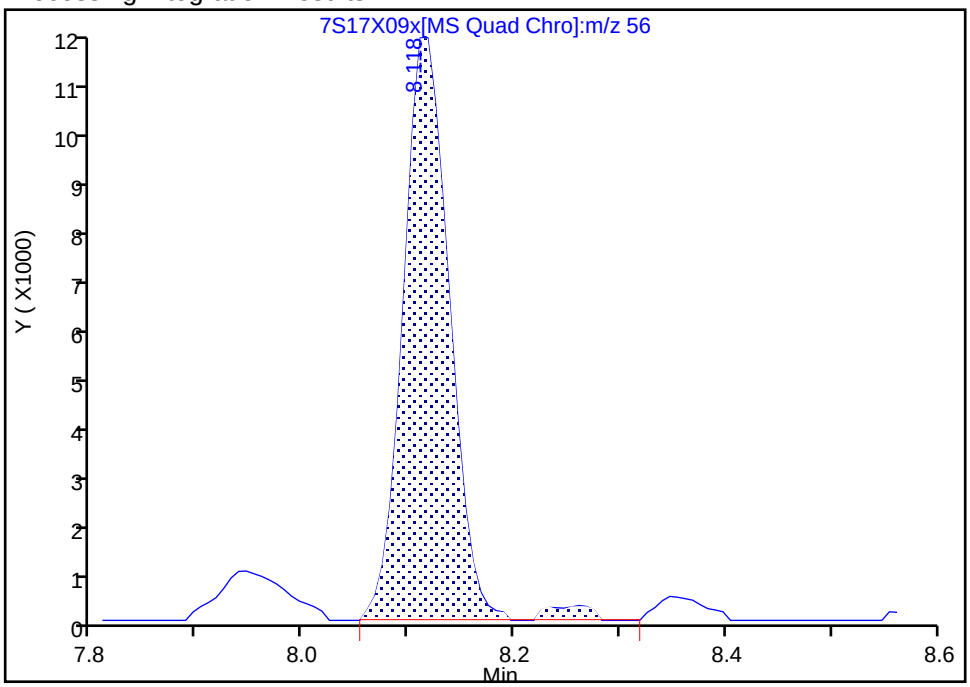
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Signal: 1

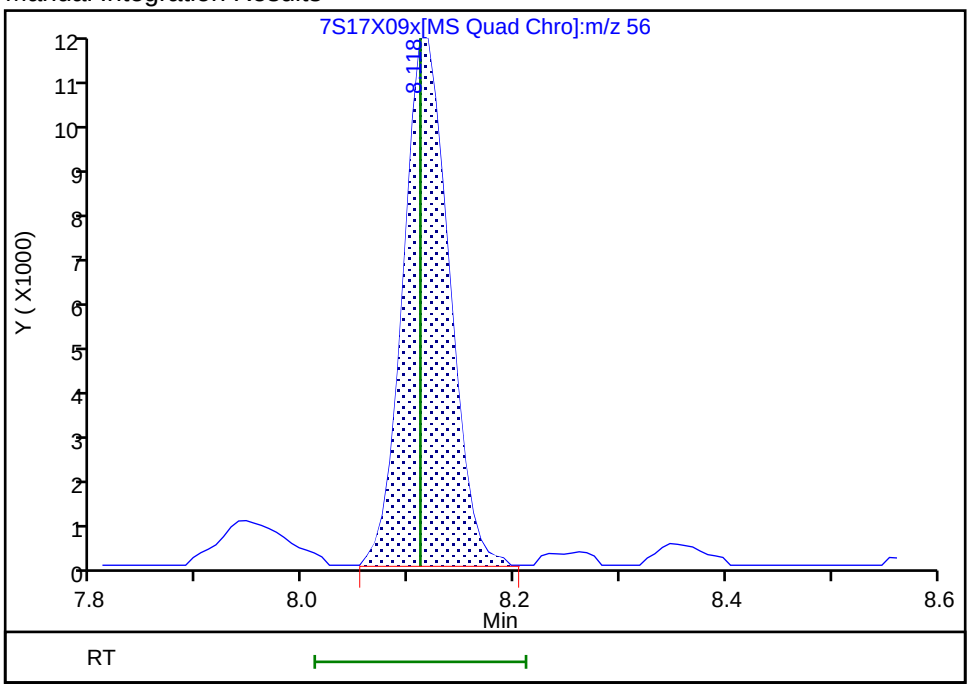
Processing Integration Results

RT: 8.12
Area: 34419
Amount: 1.458214
Amount Units: ppb v/v




Manual Integration Results

RT: 8.12
Area: 33597
Amount: 1.423388
Amount Units: ppb v/v




Reviewer: D7UM, 19-Sep-2025 08:59:13 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

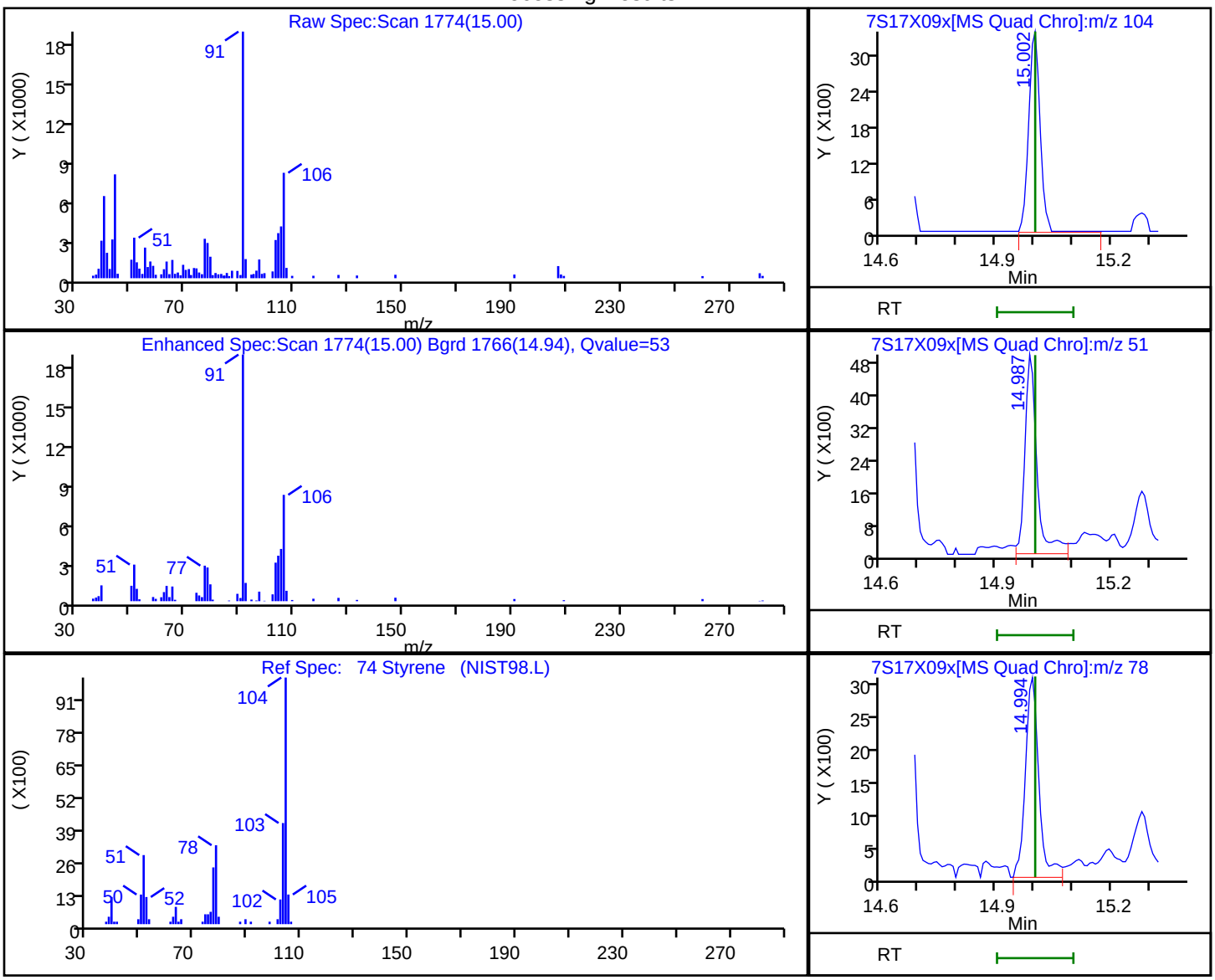
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X09x.D | | | | |
| Injection Date: | 18-Sep-2025 01:41:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-1 | Lab Sample ID: | 410-334962-1 | | |
| Client ID: | C241174_BL-IA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 7 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.00 | 104.00 | 6908 | 0.101502 |
| 14.99 | 51.00 | 10803 | |
| 14.99 | 78.00 | 7538 | |
| 14.99 | 103.00 | 6881 | |
| 14.99 | 106.00 | 25776 | |

Reviewer: D7UM, 19-Sep-2025 08:59:56 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW16D190_091325
Lab Sample ID: 460-334962-2

Matrix: Air
Lab File ID: 7S17X10x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 14:07

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:14

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 18 | U *+ | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.59 | J | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 67-64-1 | Acetone | 12 | | 12 | 3.8 |
| 71-43-2 | Benzene | 0.48 | J | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW16D190_091325
Lab Sample ID: 460-334962-2

Matrix: Air
Lab File ID: 7S17X10x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 14:07

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:14

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 0.99 | J | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 1.2 | | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 0.28 | J | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |
| 106-97-8 | n-Butane | 2.9 | | 1.2 | 0.48 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 0.54 | J | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW16D190_091325
Lab Sample ID: 460-334962-2

Matrix: Air
Lab File ID: 7S17X10x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 14:07

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:14

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-65-0 | tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 108-88-3 | Toluene | 1.7 | | 0.75 | 0.16 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D
Lims ID: 460-334962-A-2
Client ID: C241174_BL-AA01_MW16D190_091325
Sample Type: Client
Inject. Date: 18-Sep-2025 02:14:56 ALS Bottle#: 8 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-334962-A-2
Misc. Info.: 410-0160073-011
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 19-Sep-2025 11:15:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 19-Sep-2025 09:01:23

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 86 | 32844 | 0.4740 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 70 | 10975 | 0.2798 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 97 | 14178 | 0.5714 | |
| 124 Butane | 43 | 3.999 | 3.999 | 0.000 | 37 | 56336 | 1.21 | M |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 90 | 13849 | 0.2194 | |
| 23 Acetone | 43 | 6.370 | 6.370 | 0.000 | 98 | 220298 | 4.89 | |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.585 | 0.007 | 92 | 18149 | 0.5441 | |
| 22 Methylene Chloride | 84 | 7.180 | 7.194 | -0.007 | 79 | 3415 | 0.1429 | |
| 25 Hexane | 56 | 8.104 | 8.118 | -0.007 | 81 | 3593 | 0.1534 | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 95 | 7308 | 0.5703 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 303319 | 10.0 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 66 | 3532 | 0.0816 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 45 | 13168 | 0.1513 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 91 | 16814 | 0.1262 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1076761 | 10.0 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 80 | 48370 | 0.4630 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 90 | 1014611 | 10.0 | |
| $ 110 BFB | | | | | | | | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

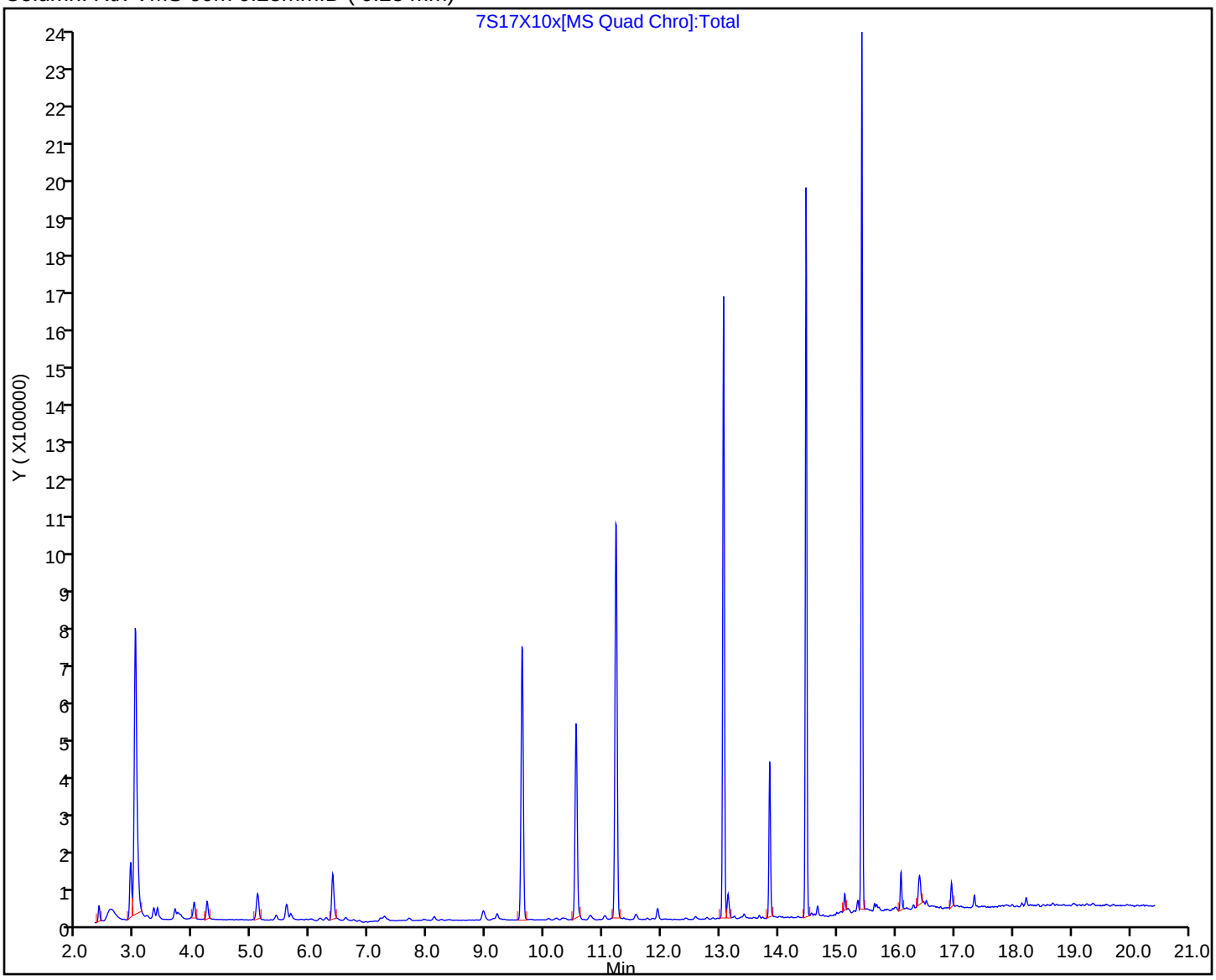
AIRIS200 ppb_00524 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Sep-2025 11:25:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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

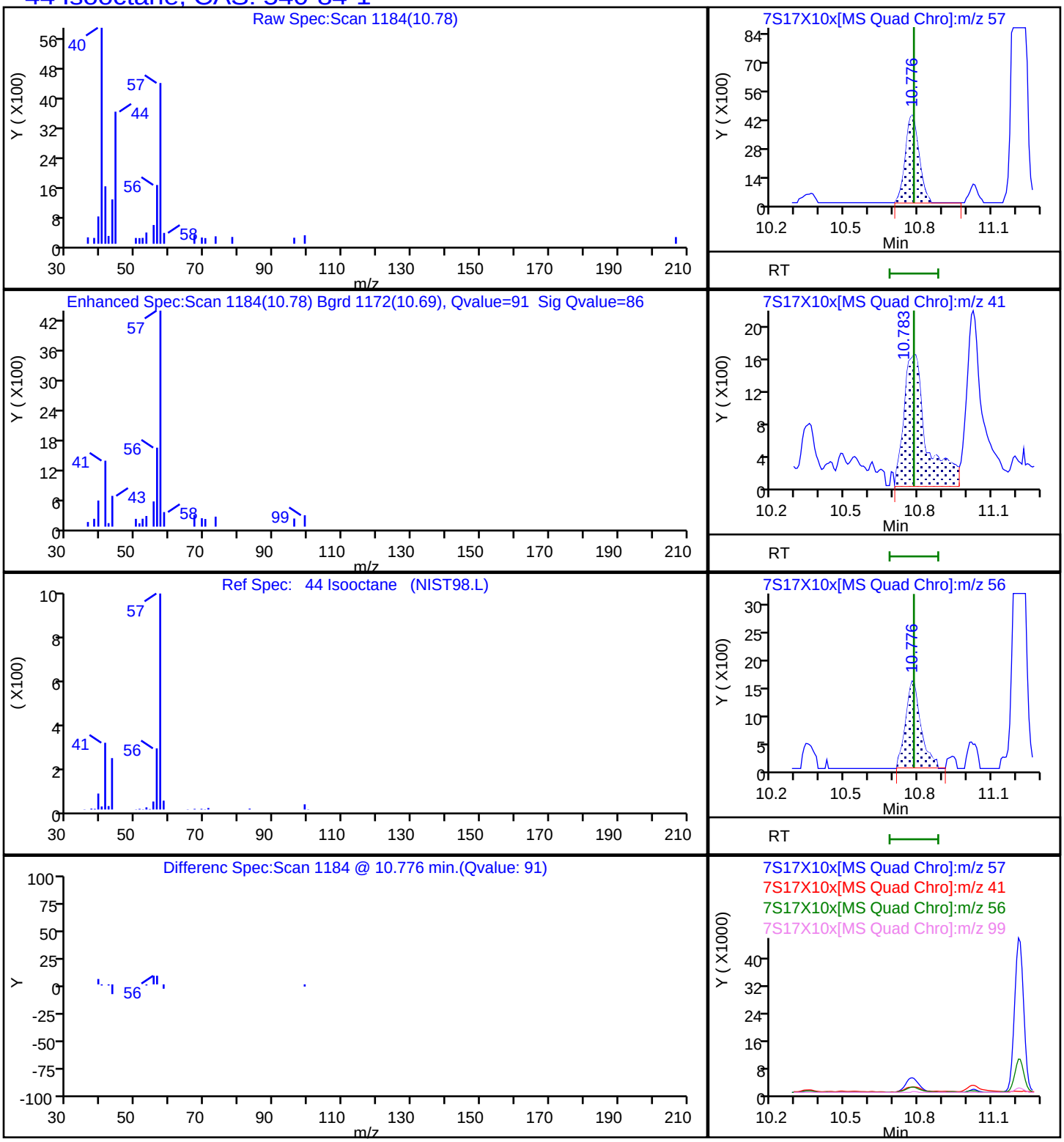


Report Date: 19-Sep-2025 11:25:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1





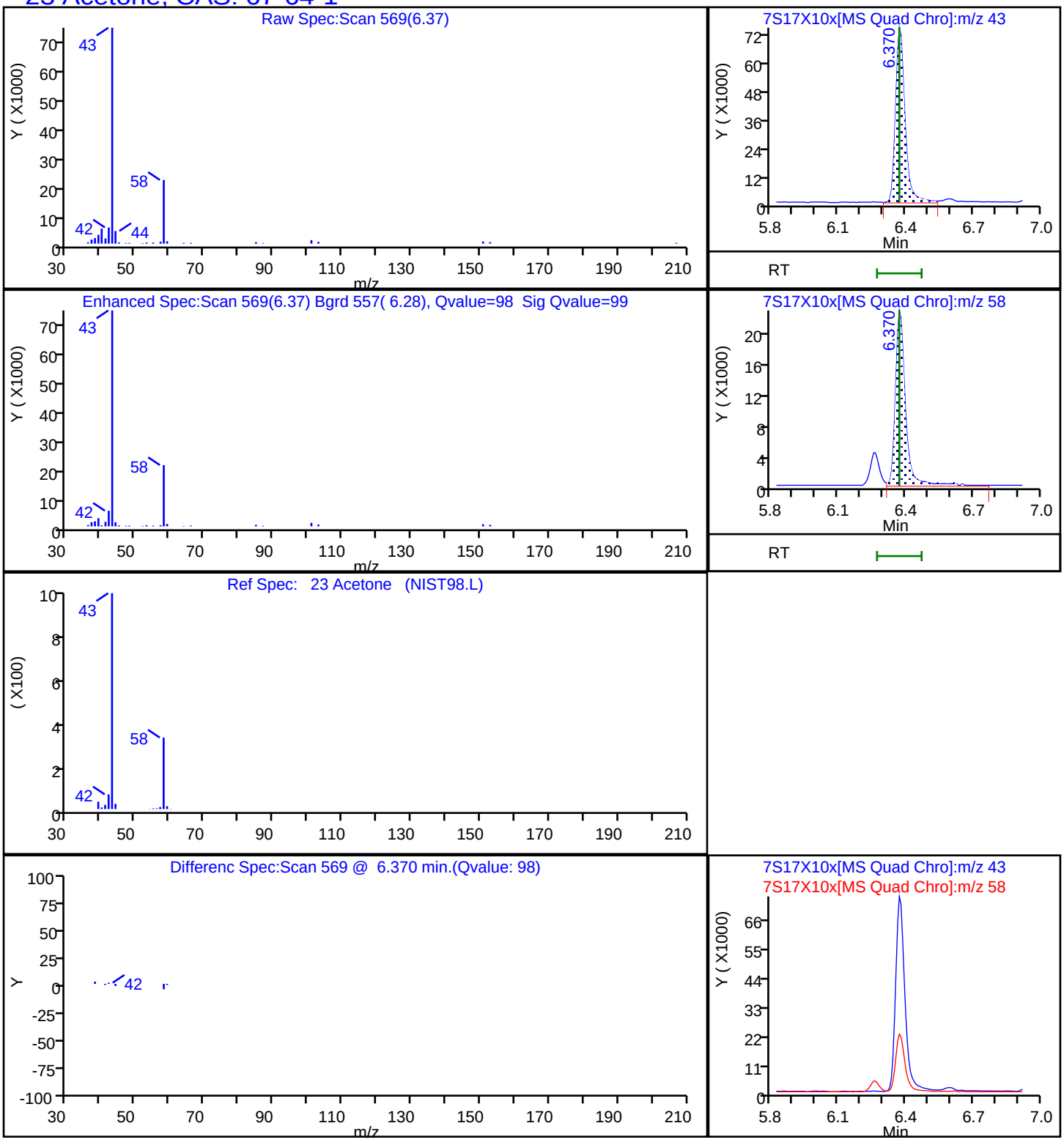

10/15/2025
2:50:47 PM

Report Date: 19-Sep-2025 11:25:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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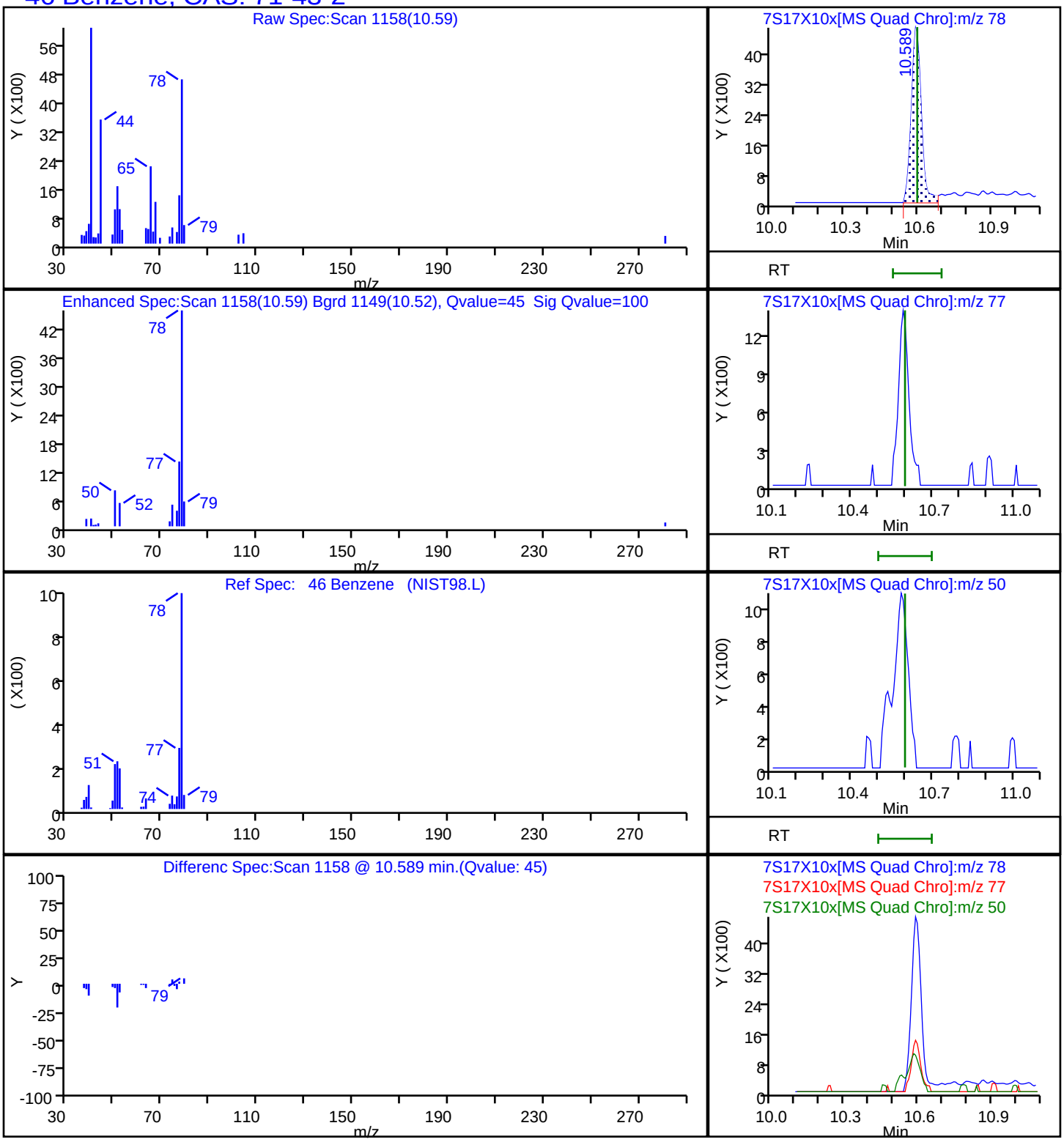
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

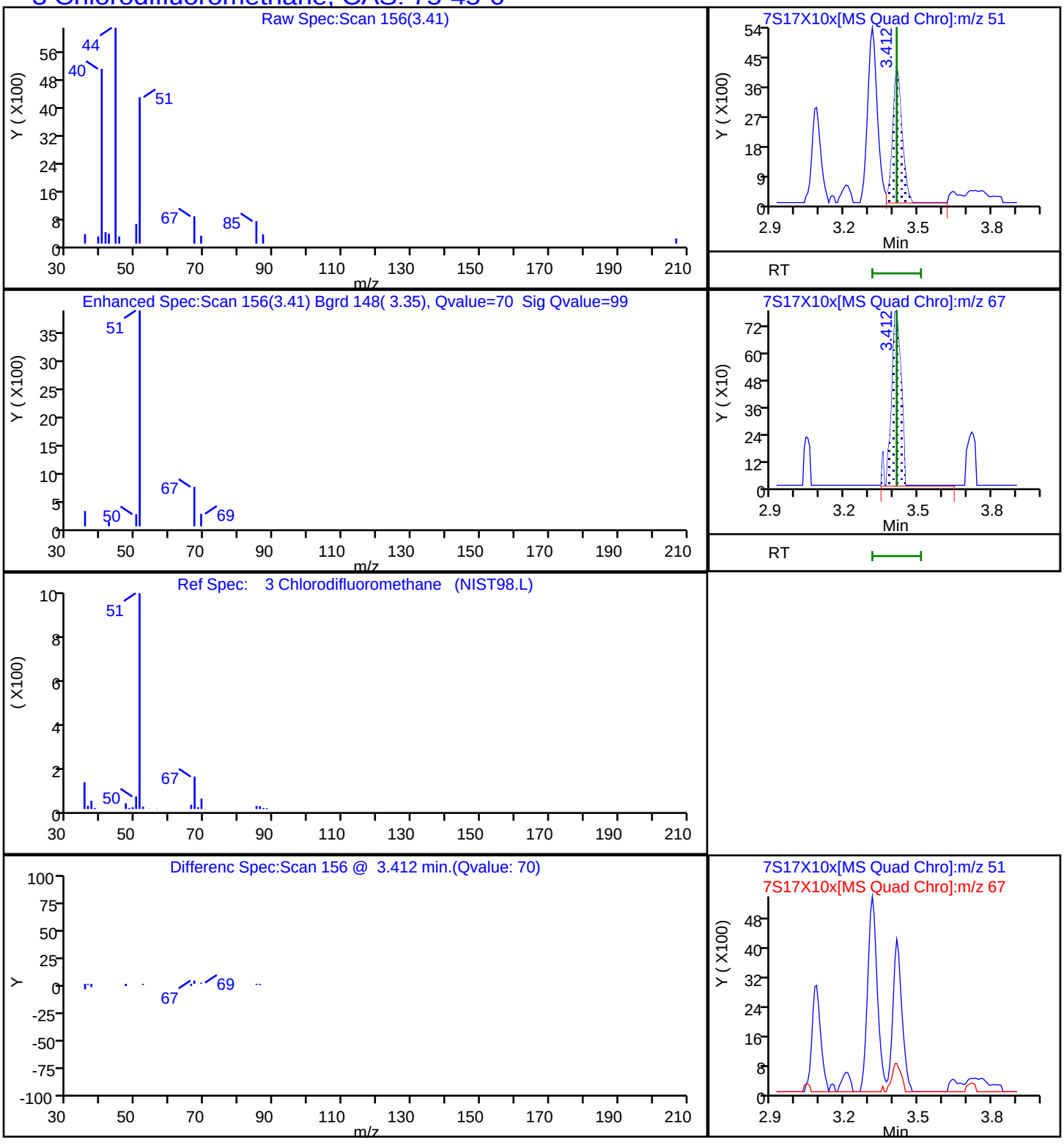
## 46 Benzene, CAS: 71-43-2



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

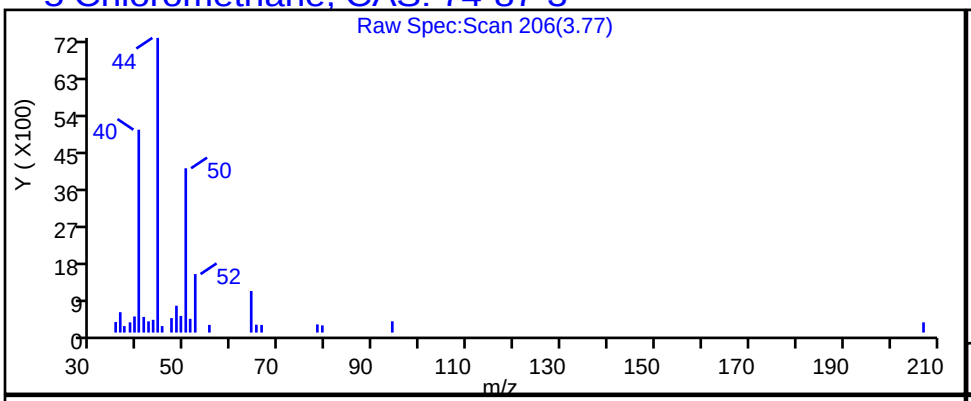


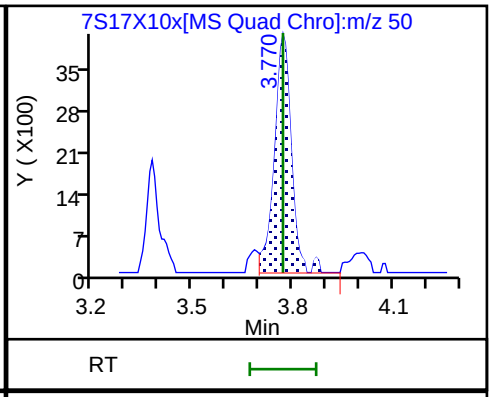
Report Date: 19-Sep-2025 11:25:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

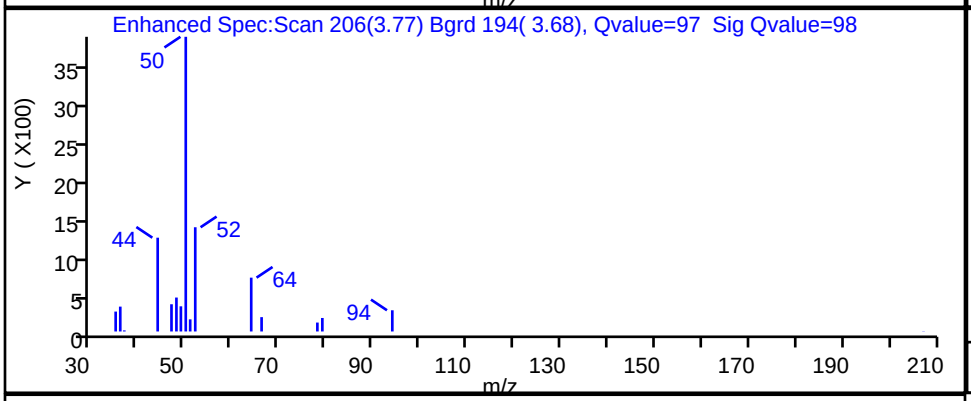
Eurofins Lancaster Laboratories Environment Testing, LLC

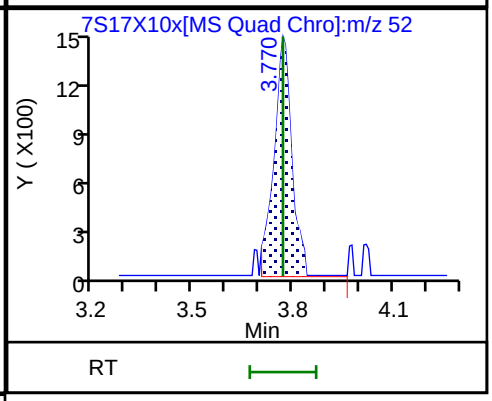
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

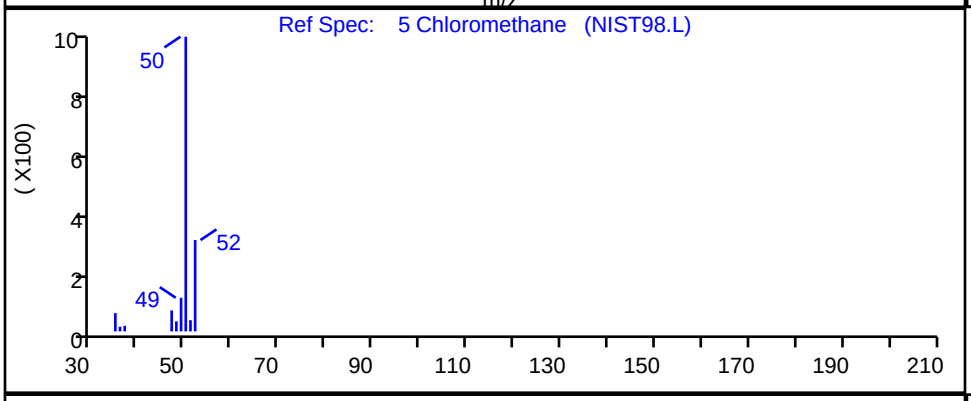
## 5 Chloromethane, CAS: 74-87-3

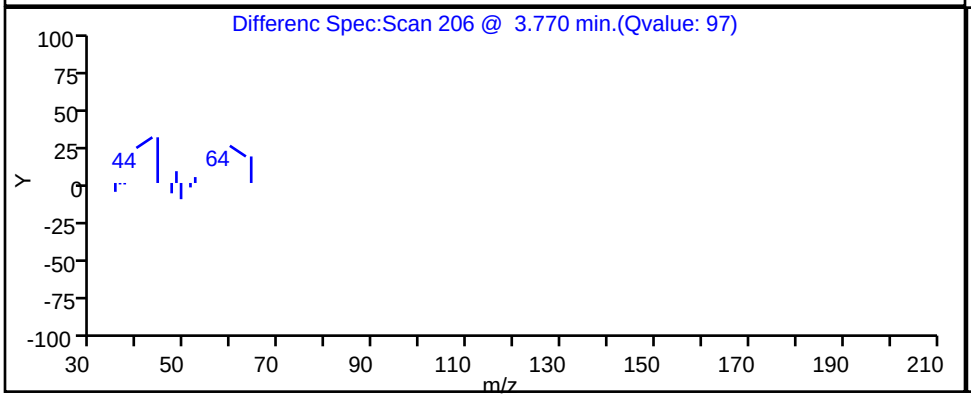


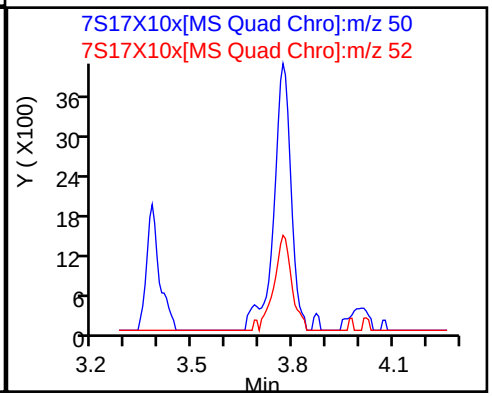



Report Date: 19-Sep-2025 11:25:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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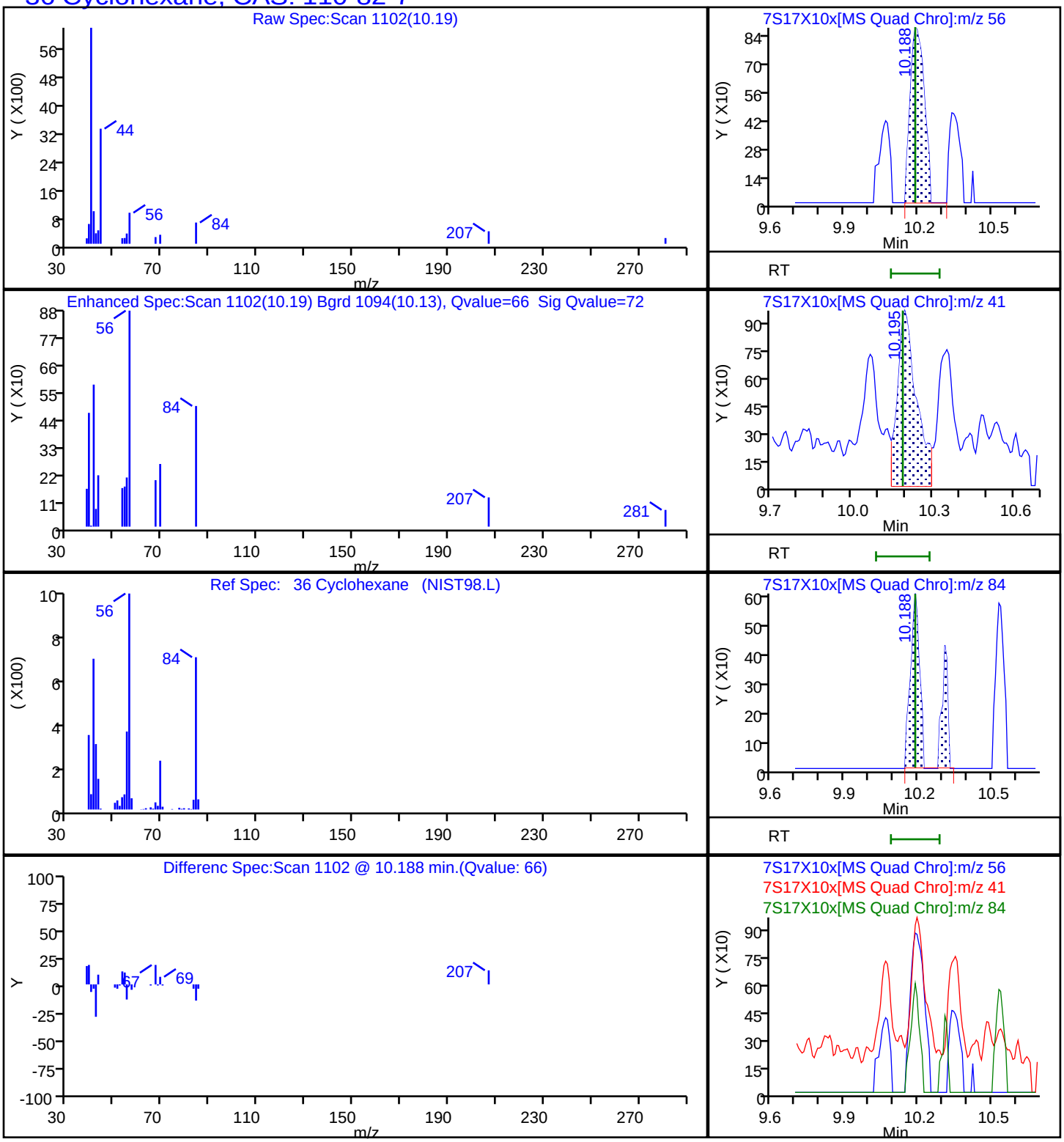
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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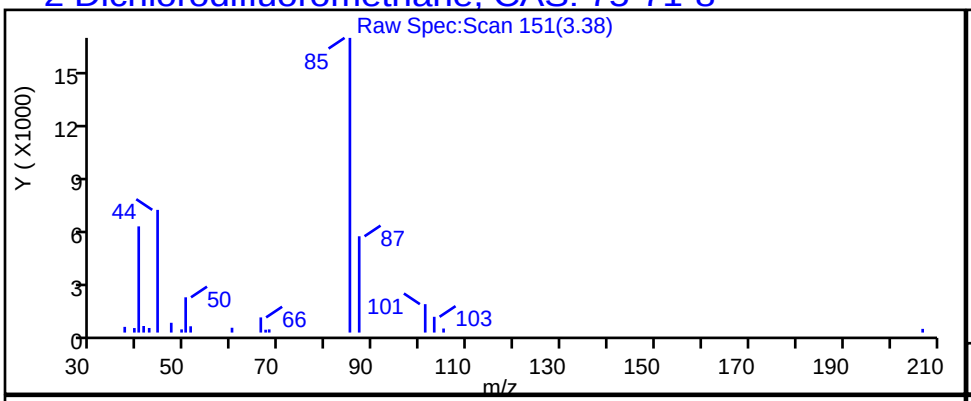
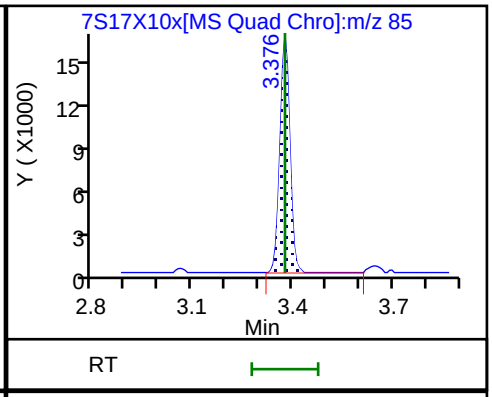
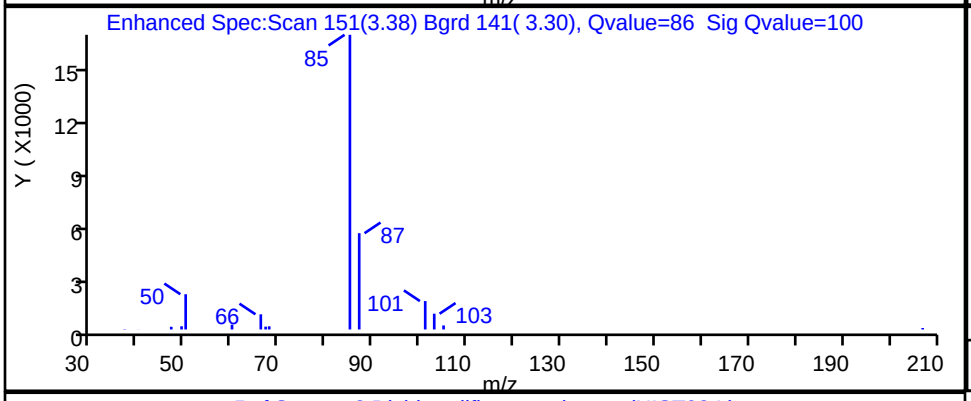
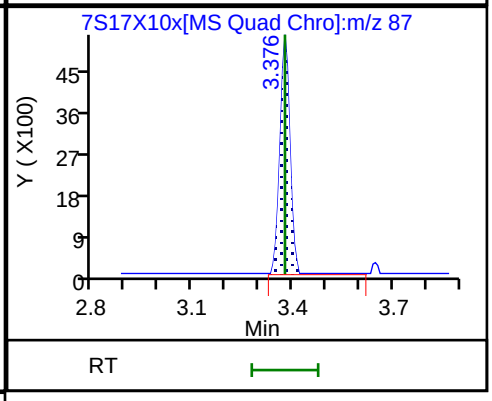
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

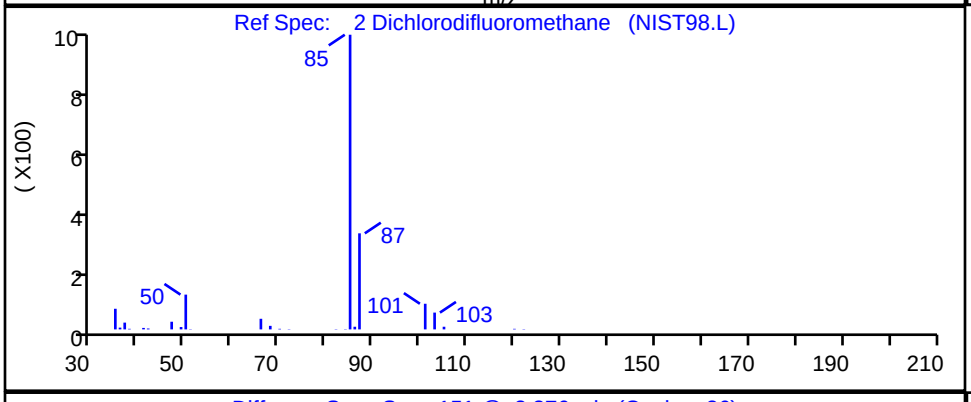
## 2 Dichlorodifluoromethane, CAS: 75-71-8

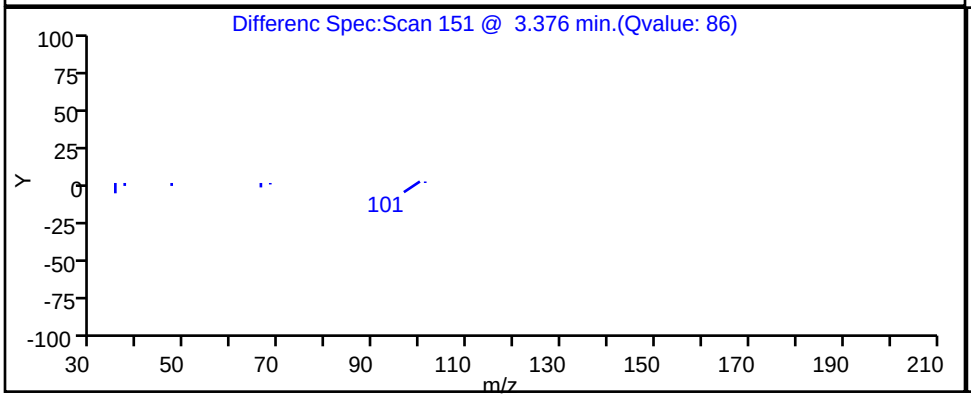


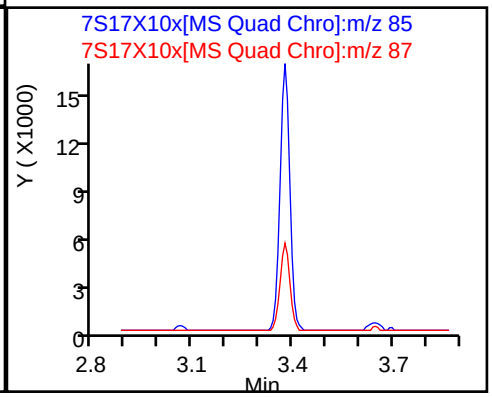



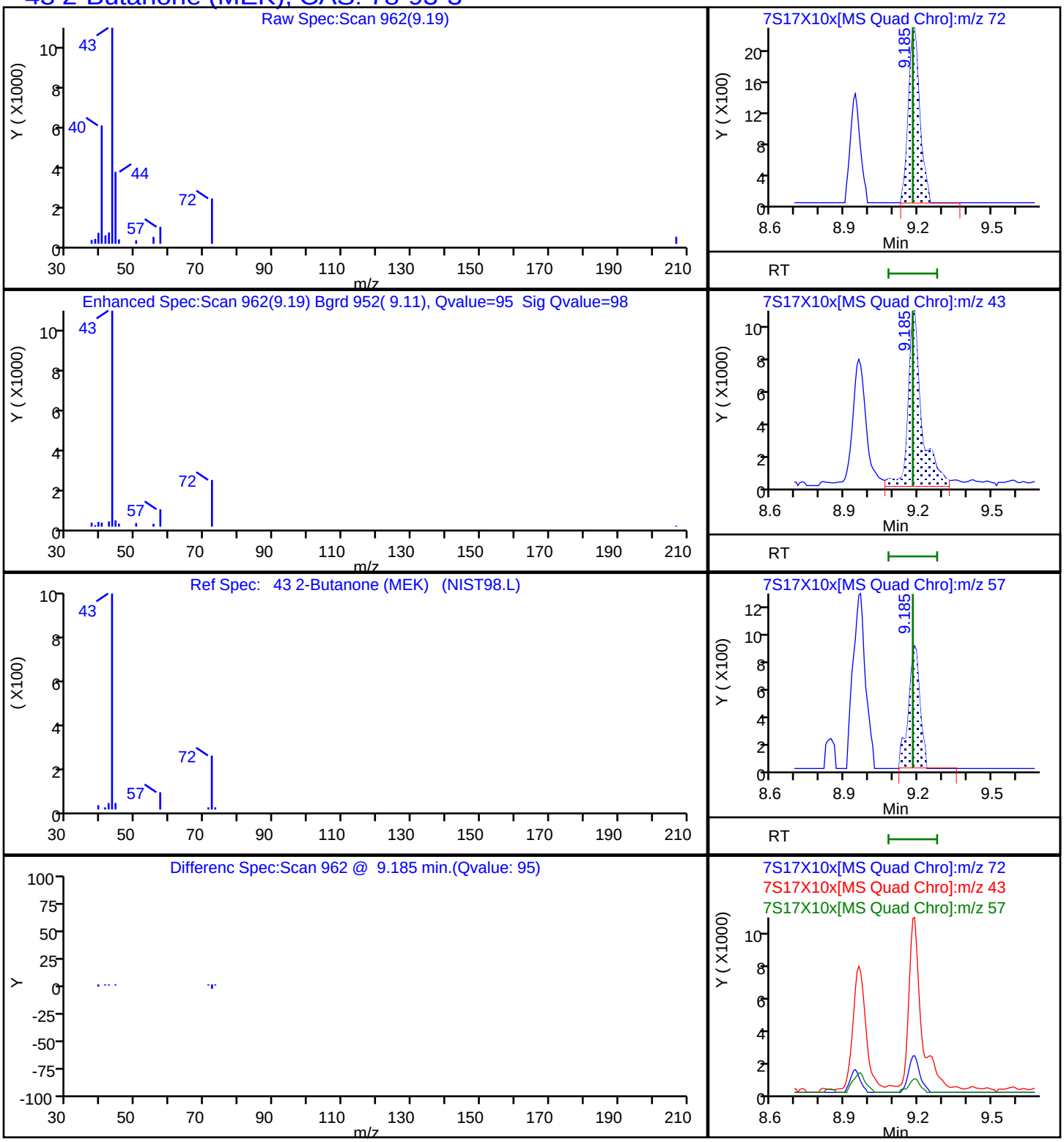



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
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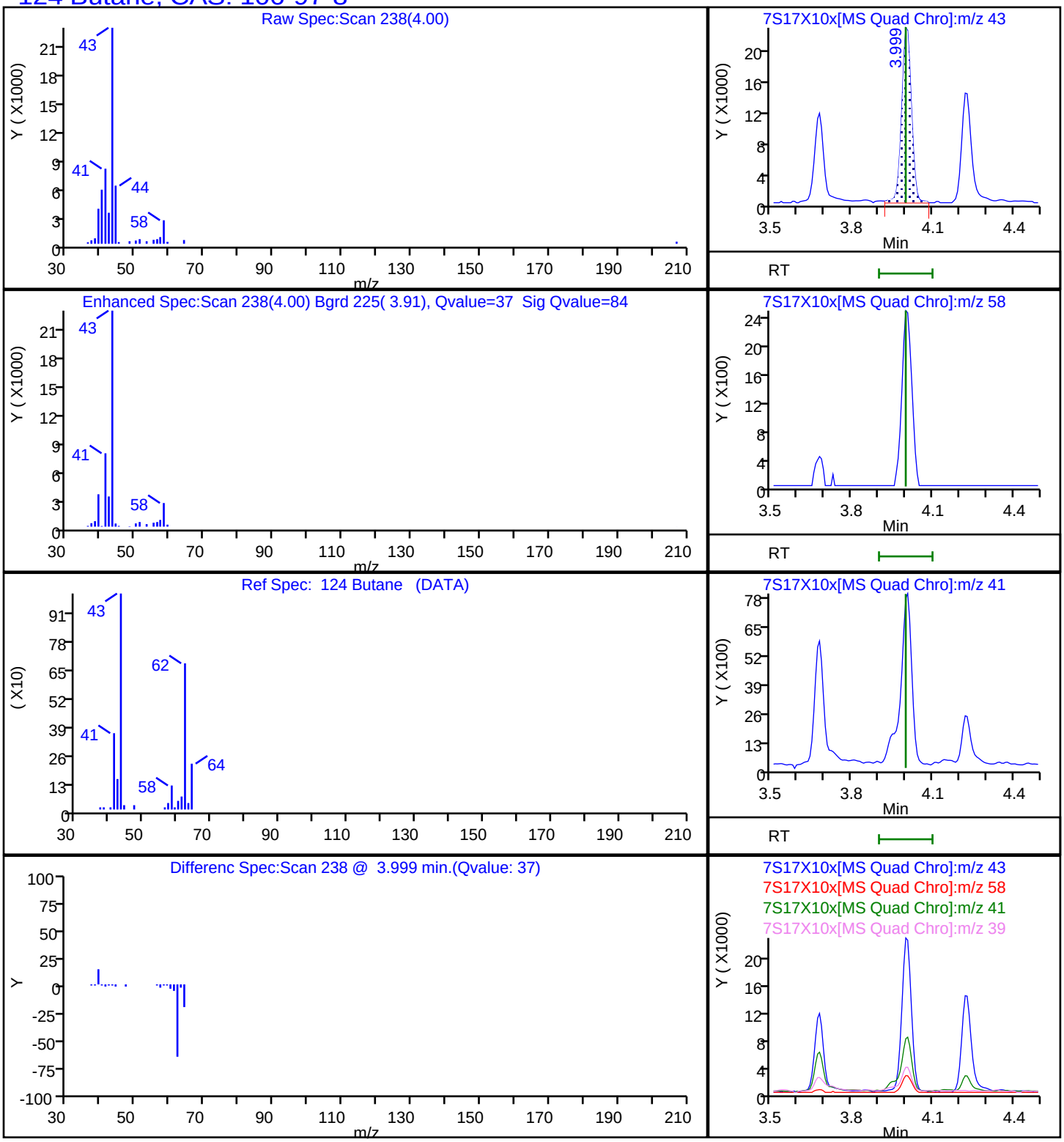
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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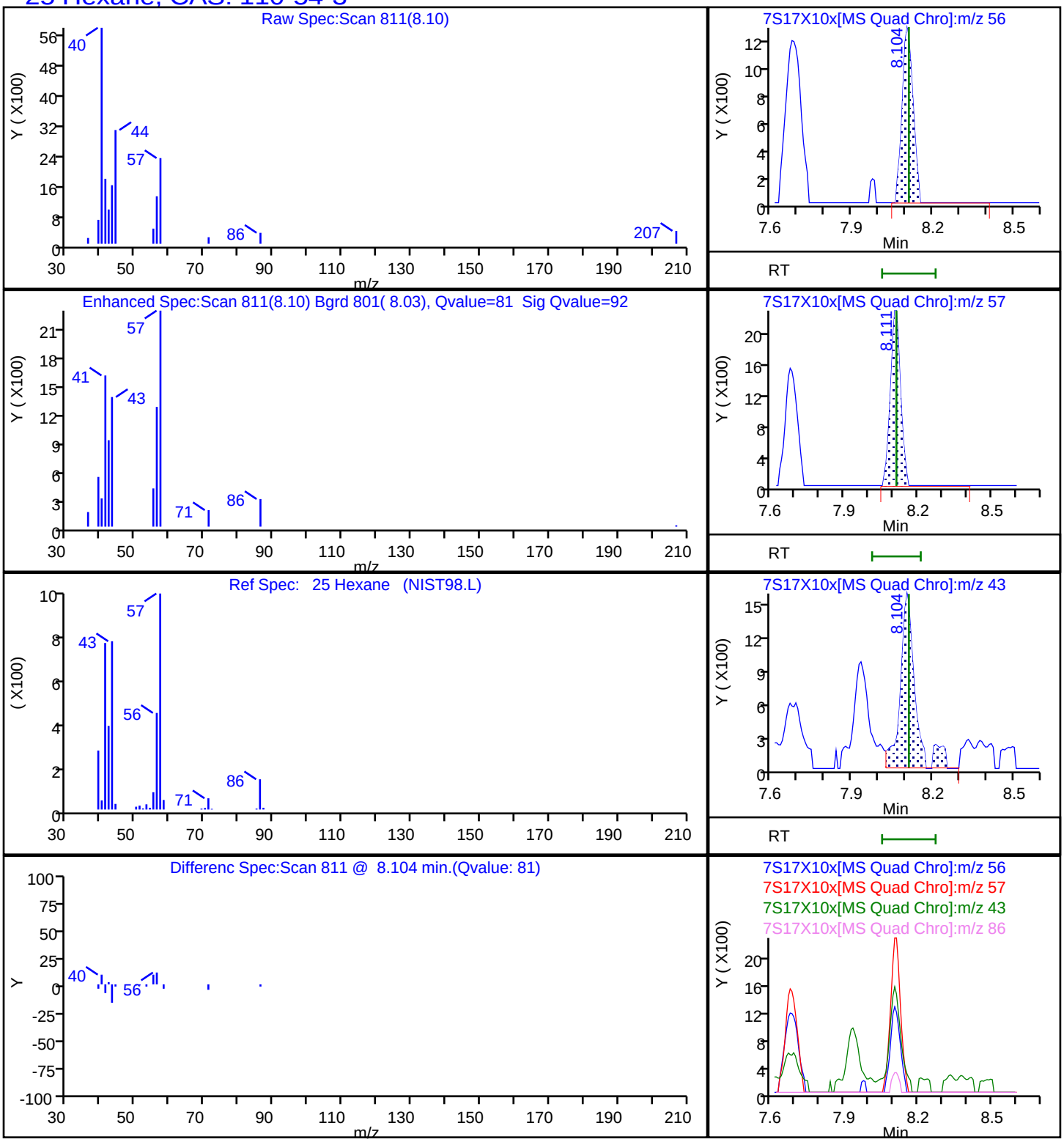
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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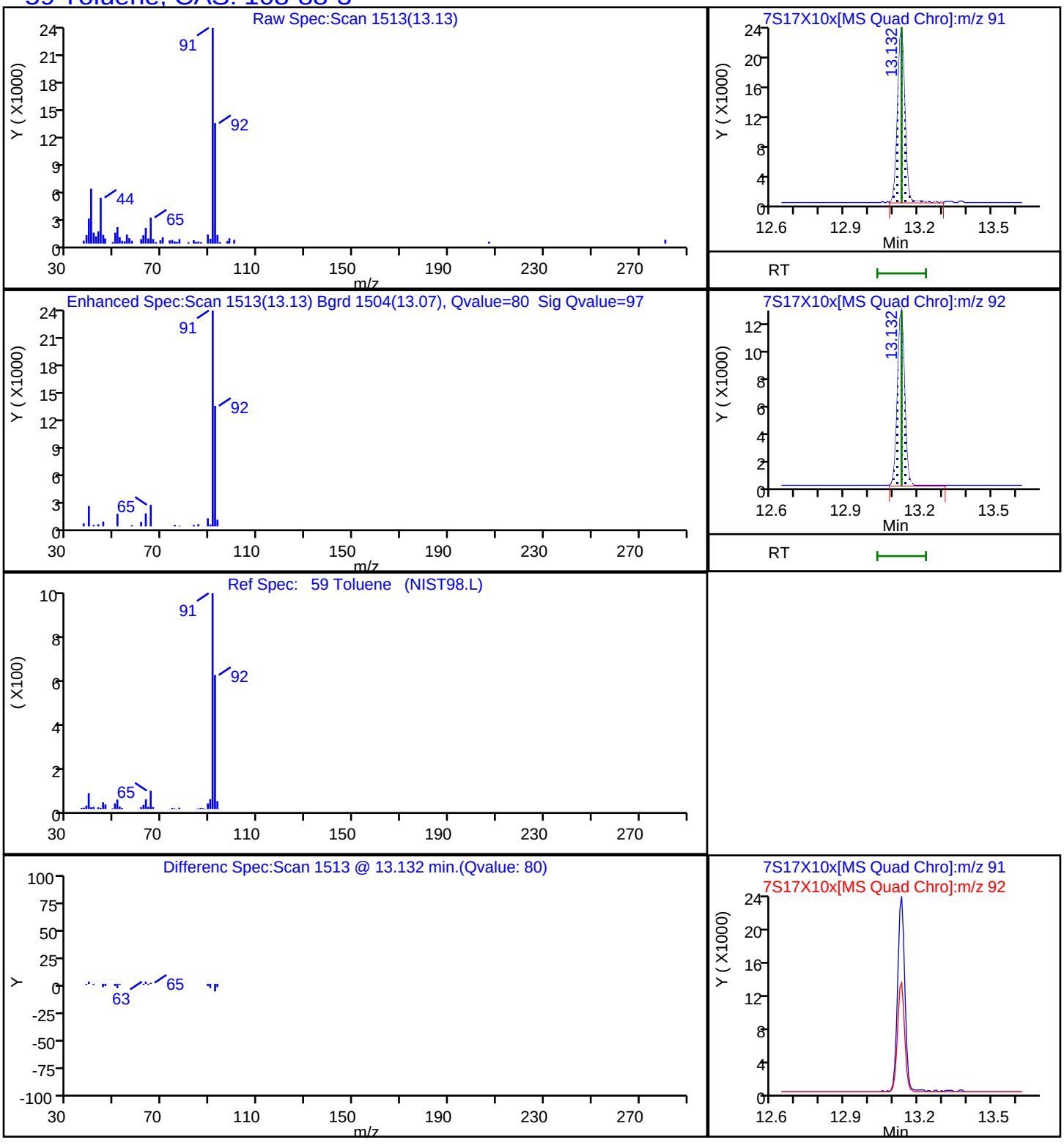
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
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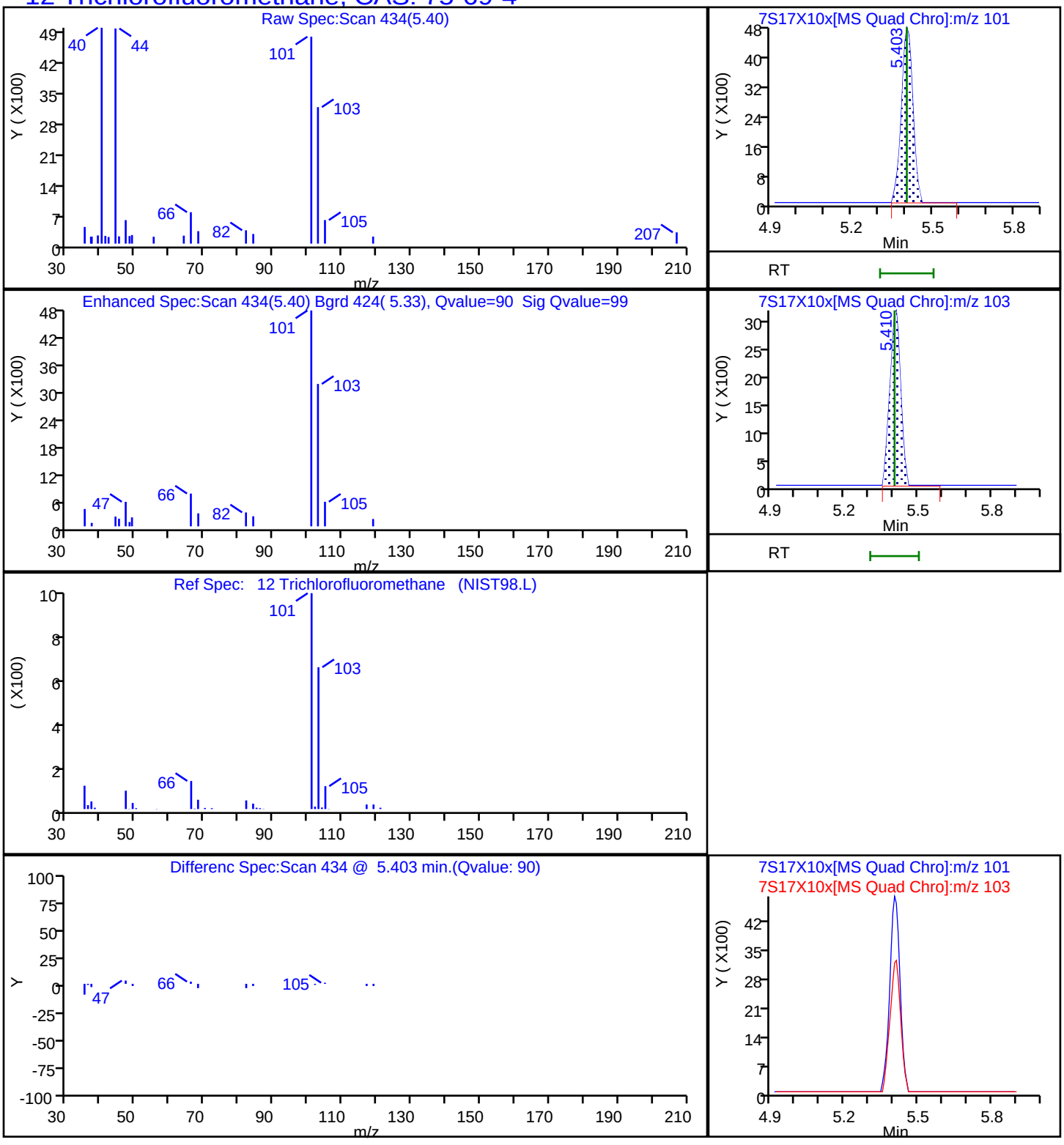
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4



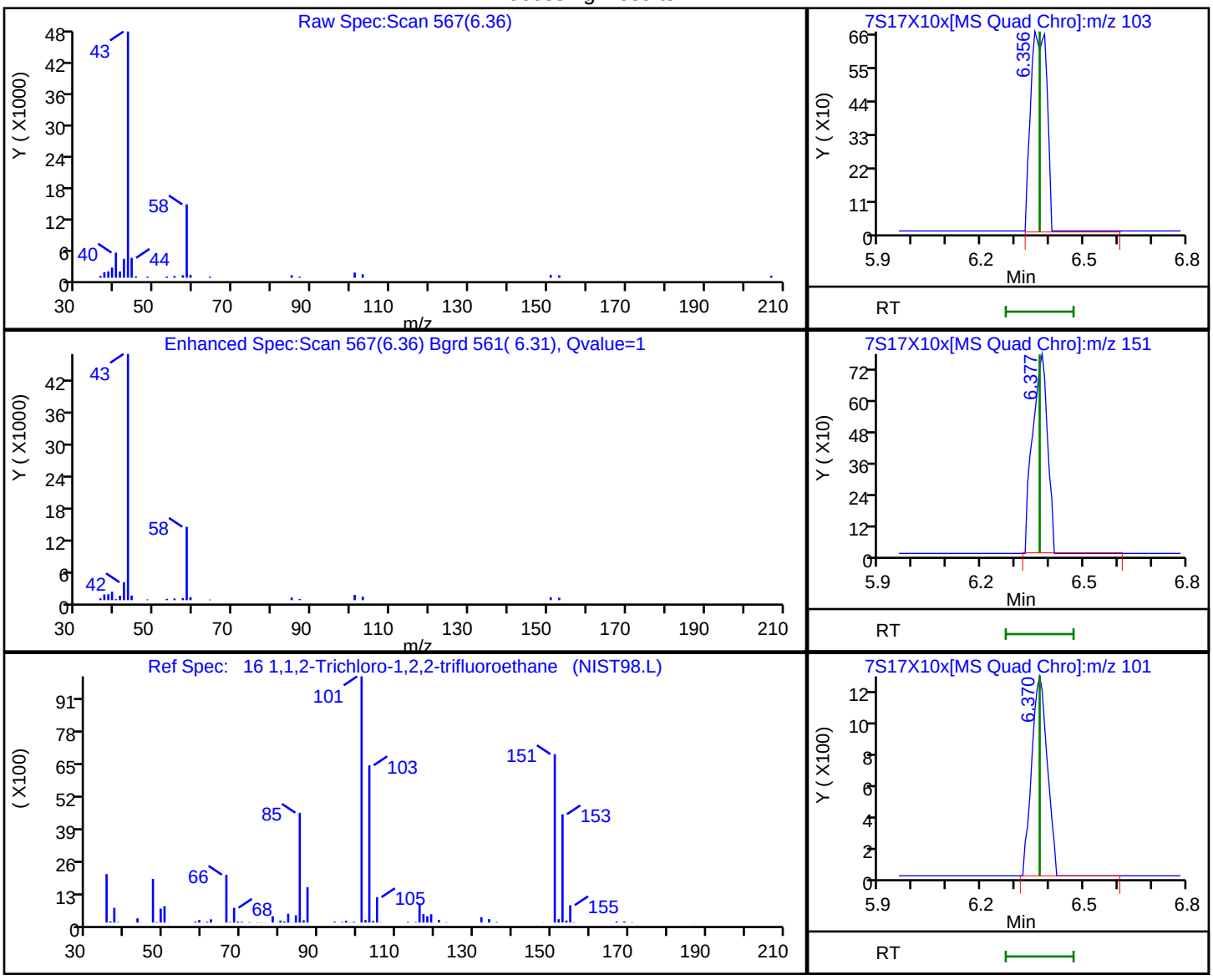
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.36 | 103.00 | 2211 | 0.070238 |
| 6.38 | 151.00 | 2347 | |
| 6.37 | 101.00 | 3819 | |

Reviewer: D7UM, 19-Sep-2025 09:00:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

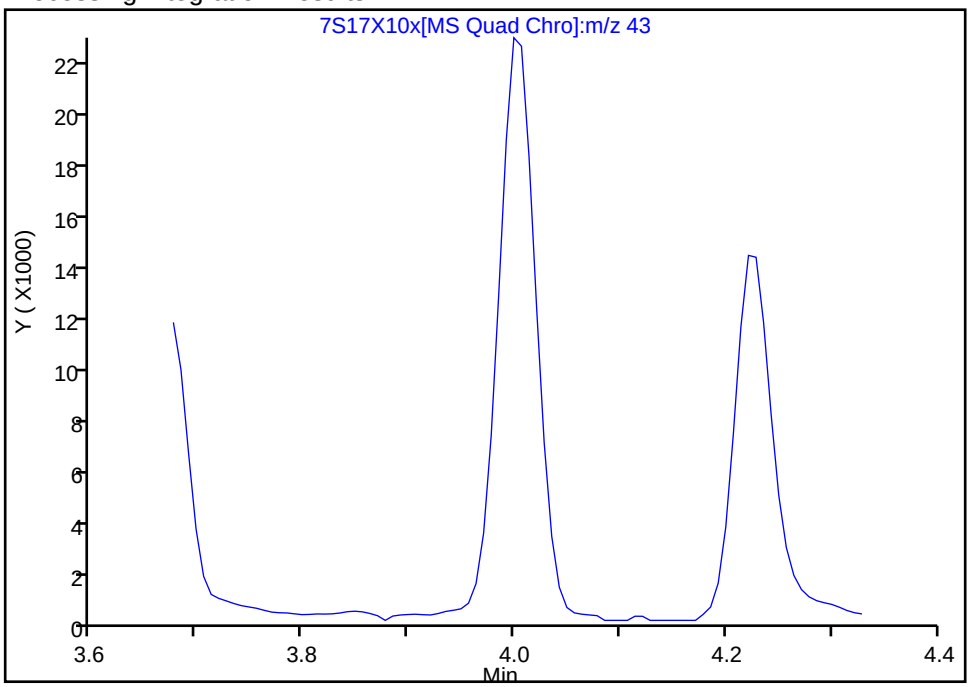
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X10x.D | | | | |
| Injection Date: | 18-Sep-2025 02:14:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-2 | Lab Sample ID: | 410-334962-2 | | |
| Client ID: | C241174_BL-AA01_MW16D190_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 8 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

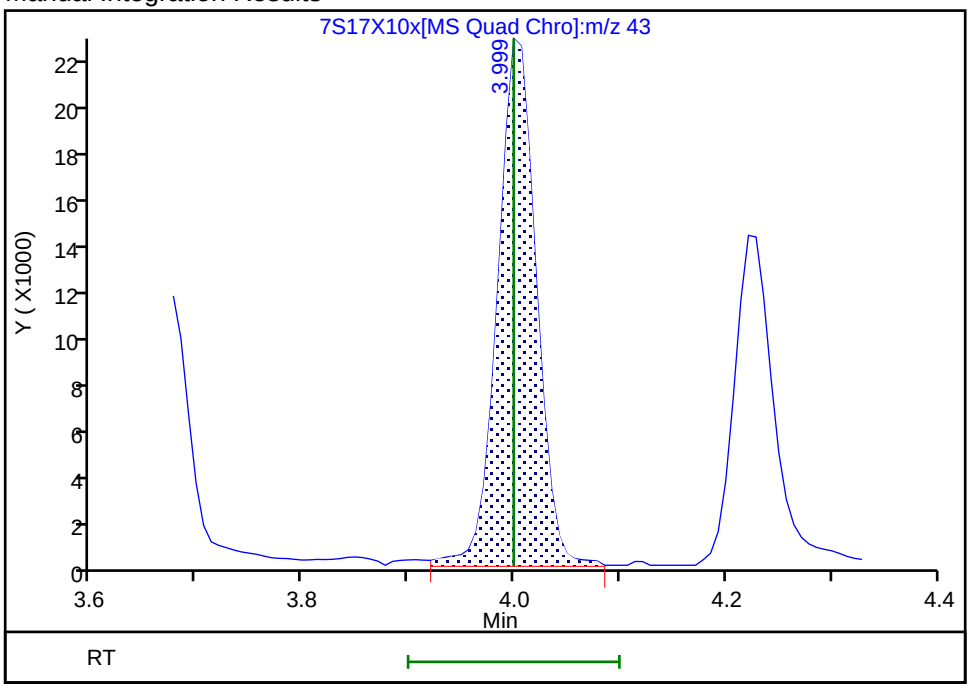
Not Detected
Expected RT: 4.00

Processing Integration Results




Manual Integration Results

RT: 4.00
Area: 56336
Amount: 1.209657
Amount Units: ppb v/v




Reviewer: D7UM, 19-Sep-2025 09:01:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW30P_091325
Lab Sample ID: 460-334962-3

Matrix: Air
Lab File ID: 7S17X11x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:56

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:48

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 2.3 | | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.44 | J | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 18 | U *+ | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 1.8 | | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 0.99 | J | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.9 | | 2.1 | 0.53 |
| 71-43-2 | Benzene | 0.83 | | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW30P_091325
Lab Sample ID: 460-334962-3

Matrix: Air
Lab File ID: 7S17X11x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:56

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:48

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 0.57 | | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 0.31 | J | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 1.1 | | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 1.8 | | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 31 | | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 16 | | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 140 | | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 20 | | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 8.7 | | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 71 | | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |
| 106-97-8 | n-Butane | 14 | | 1.2 | 0.48 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 5.2 | | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 6.5 | | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 36 | | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 100-42-5 | Styrene | 5.3 | | 0.85 | 0.25 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW30P_091325
Lab Sample ID: 460-334962-3

Matrix: Air
Lab File ID: 7S17X11x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:56

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 02:48

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-65-0 | tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 0.52 | | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 1.3 | | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 180 | | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D
Lims ID: 460-334962-A-3
Client ID: C241174_BL-IA01_MW30P_091325
Sample Type: Client
Inject. Date: 18-Sep-2025 02:48:36 ALS Bottle#: 9 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-334962-A-3
Misc. Info.: 410-0160073-012
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 19-Sep-2025 11:15:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 18-Sep-2025 07:29:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 72 | 32512 | 0.4674 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 83 | 13727 | 0.5511 | |
| 124 Butane | 43 | 4.006 | 3.999 | 0.007 | 50 | 283935 | 6.07 | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 87 | 14826 | 0.2340 | |
| 23 Acetone | 43 | 6.363 | 6.370 | -0.007 | 99 | 5609809 | 124.0 | E |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.585 | 0.000 | 99 | 214591 | 6.41 | |
| 17 Carbon disulfide | 76 | 6.750 | 6.750 | 0.000 | 61 | 8561 | 0.0944 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.194 | 0.000 | 94 | 490870 | 20.5 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 24 | 12042 | 0.4336 | |
| 25 Hexane | 56 | 8.104 | 8.118 | -0.007 | 95 | 43506 | 1.85 | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 88596 | 6.89 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 304457 | 10.0 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 61 | 3998 | 0.0642 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 71 | 22397 | 0.5154 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 28 | 4618 | 0.0908 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 59 | 23557 | 0.2589 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 93 | 53211 | 0.3820 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 92 | 35249 | 1.28 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1125625 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 68 | 3538 | 0.0977 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 88 | 60881 | 2.12 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.874 | -0.007 | 97 | 49893 | 0.7118 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 98 | 10584768 | 98.1 | E |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 85 | 1047938 | 10.0 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.565 | -0.007 | 99 | 938264 | 7.20 | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | -0.007 | 96 | 3135394 | 32.4 | |
| 73 o-Xylene | 91 | 14.988 | 14.995 | -0.007 | 99 | 787555 | 8.20 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 62 | 86257 | 1.24 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.697 | -0.007 | 47 | 8669 | 0.0901 | 7M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 90 | 48097 | 0.4728 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 89 | 20830 | 0.1799 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| S 101 Xylenes, Total | 91 | | | | 0 | 3922949 | 0 | |
| $ 110 BFB | | | | | | | | |

## QC Flag Legend

Processing Flags
- E - Exceeded Maximum Amount
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated

## Reagents:

AIRIS200 ppb_00524 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Sep-2025 11:25:49 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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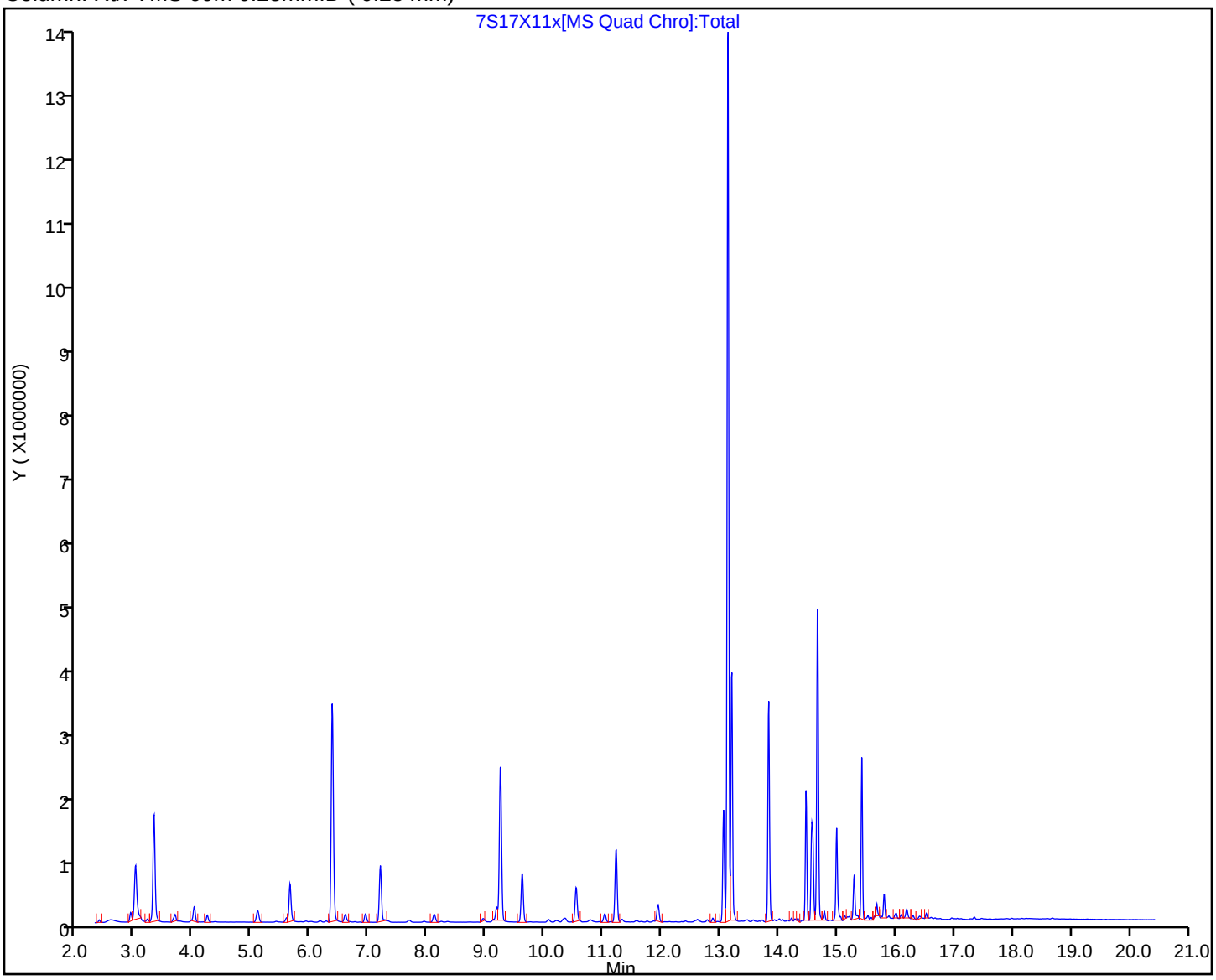
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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



Eurofins Lancaster Laboratories Environment Testing, LLC

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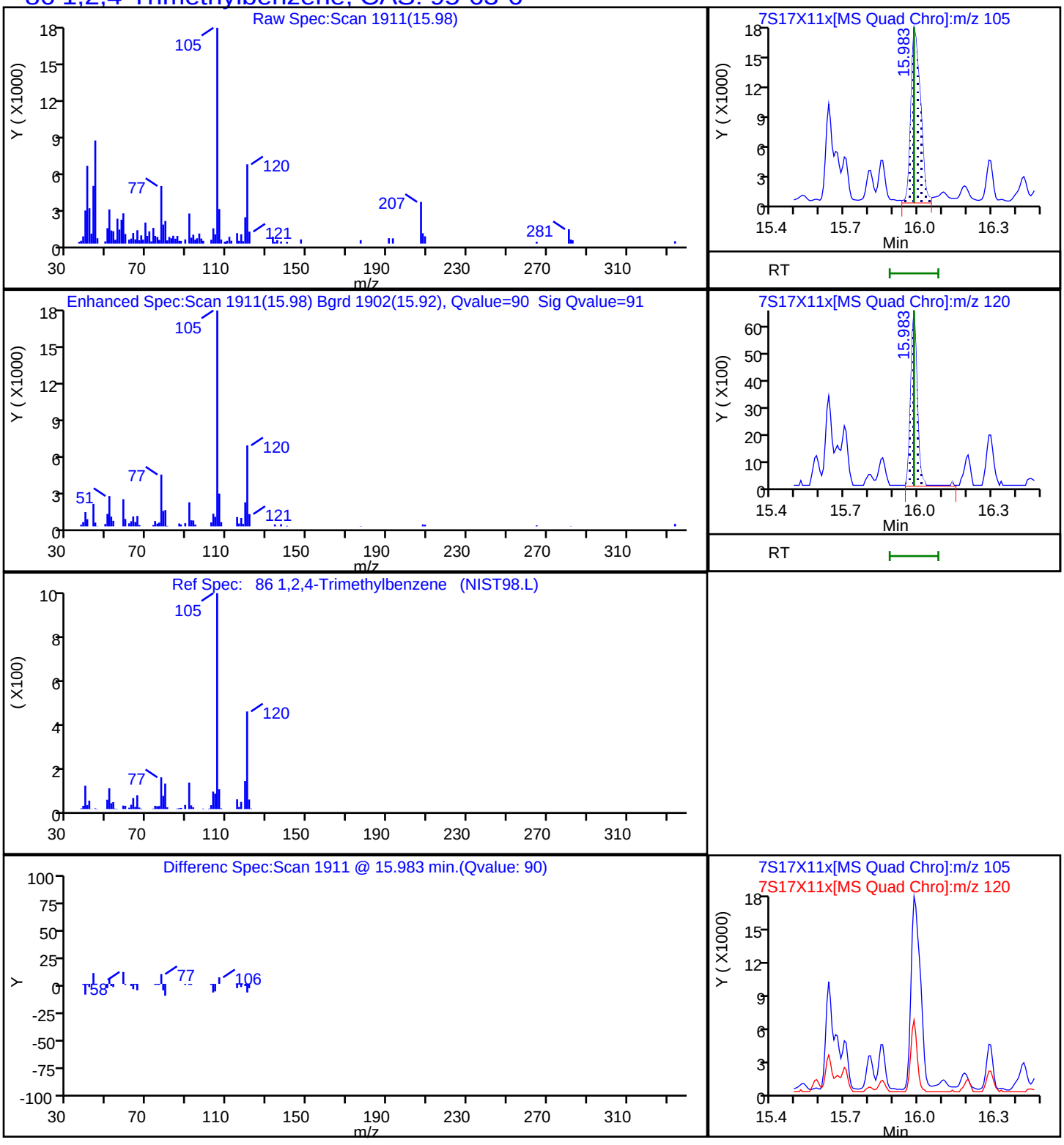
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6



Eurofins Lancaster Laboratories Environment Testing, LLC

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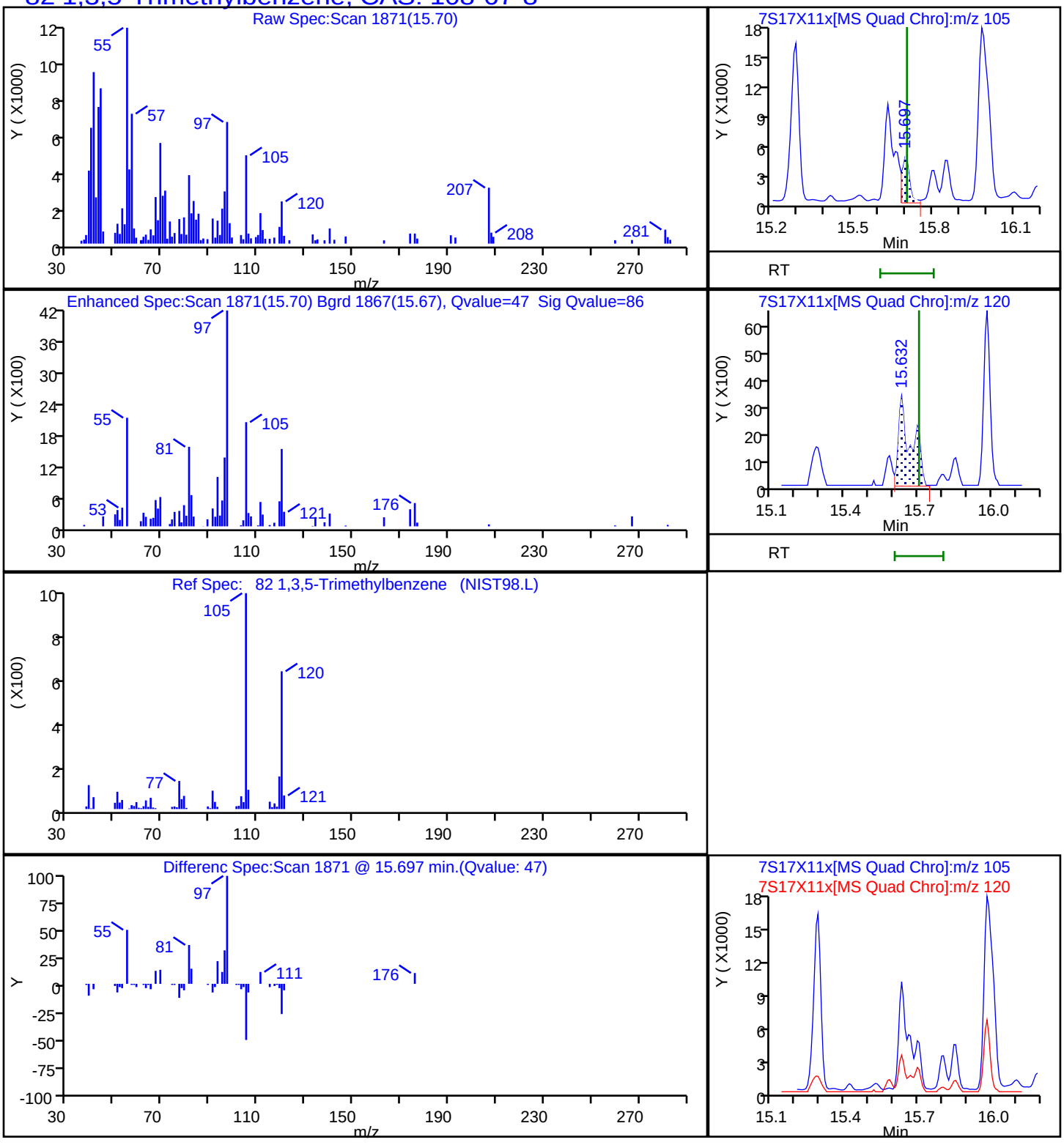
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8



Eurofins Lancaster Laboratories Environment Testing, LLC

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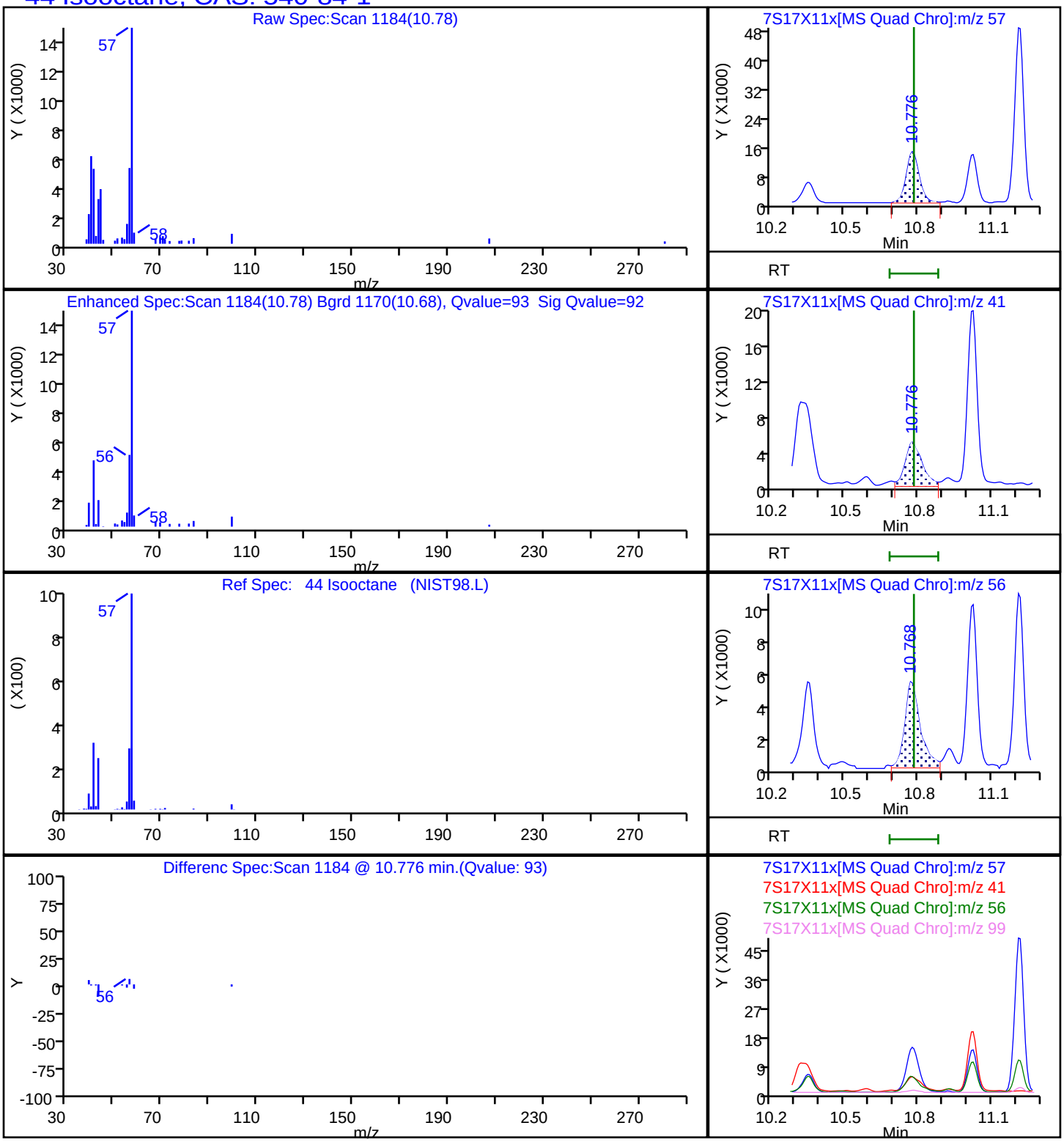
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



Report Date: 19-Sep-2025 11:25:51 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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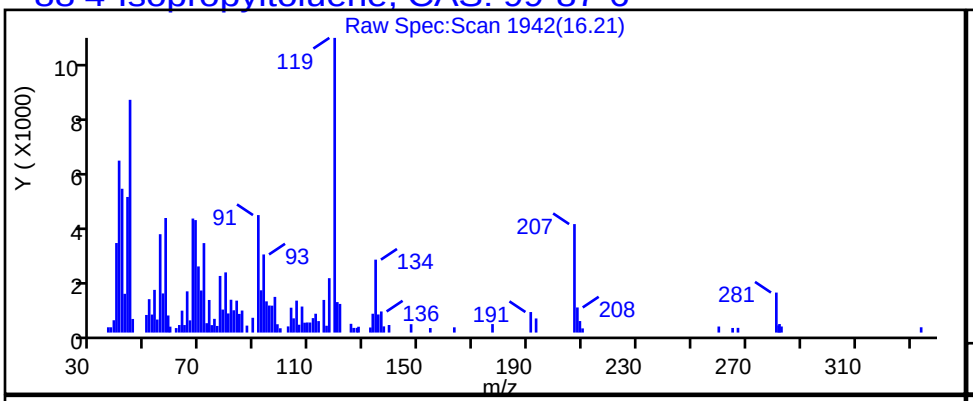
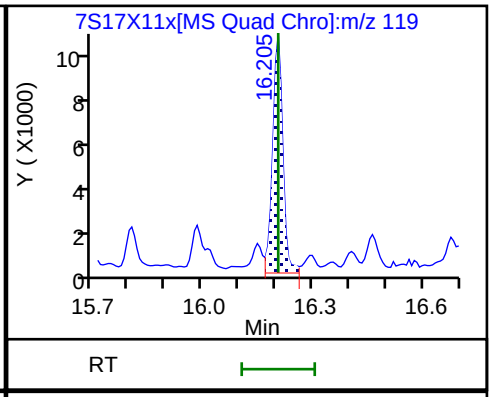
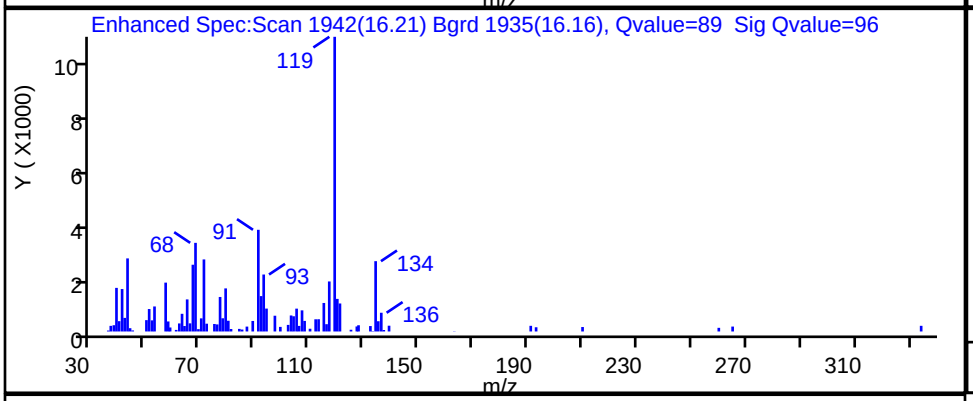
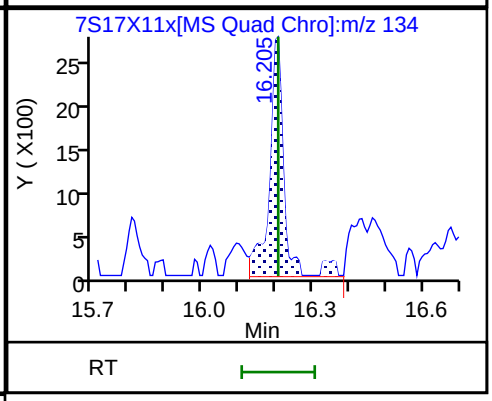
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

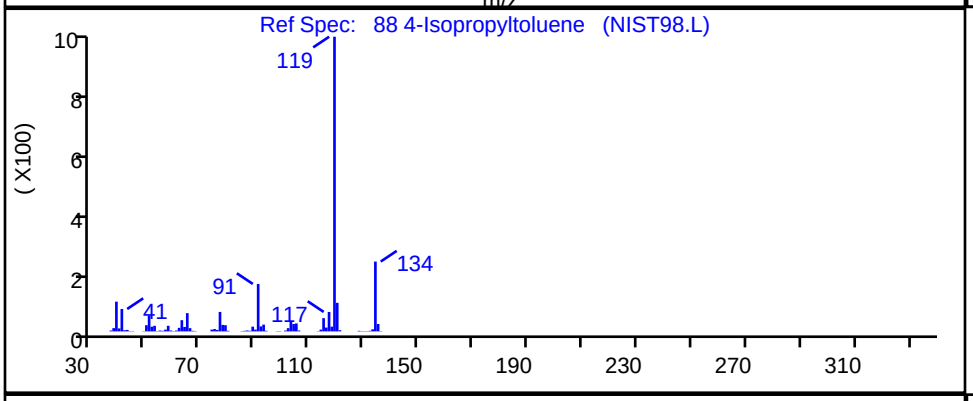
## 88 4-Isopropyltoluene, CAS: 99-87-6

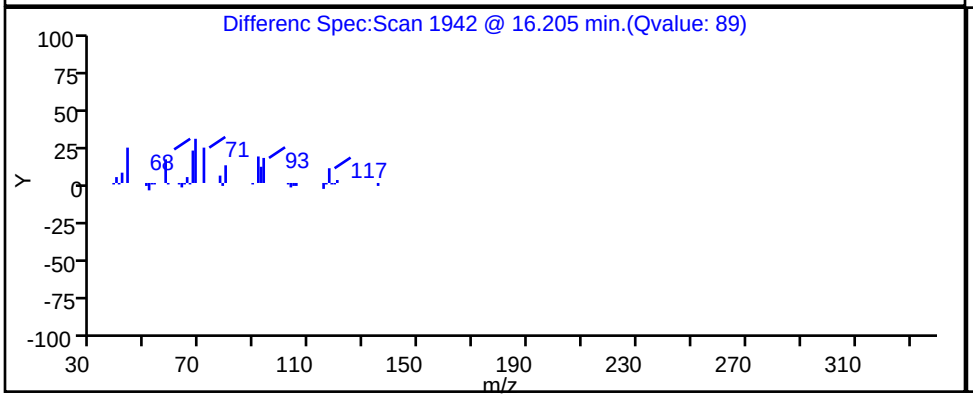


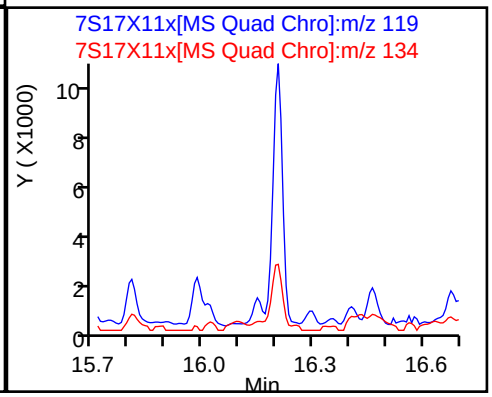



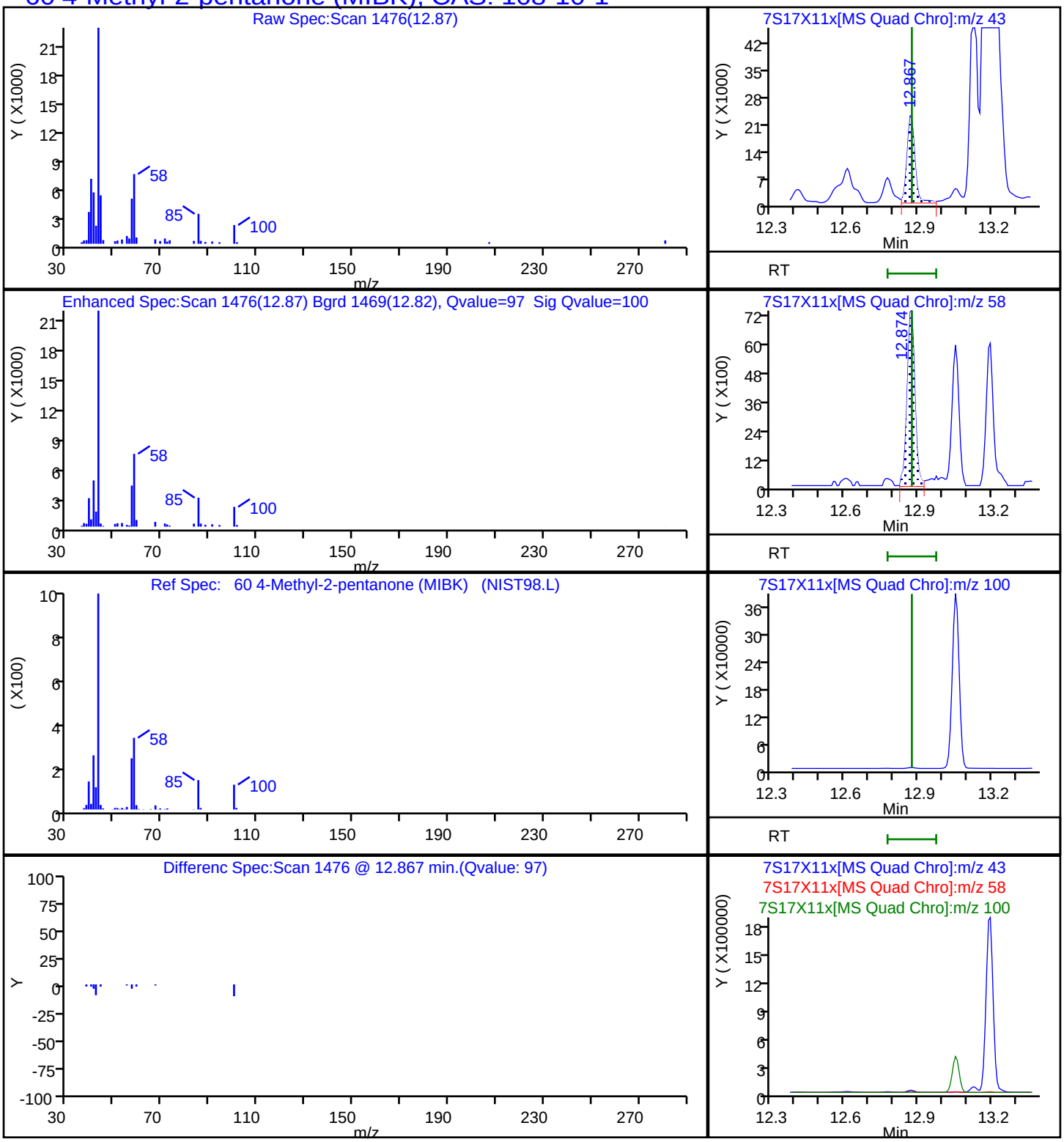



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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



Eurofins Lancaster Laboratories Environment Testing, LLC

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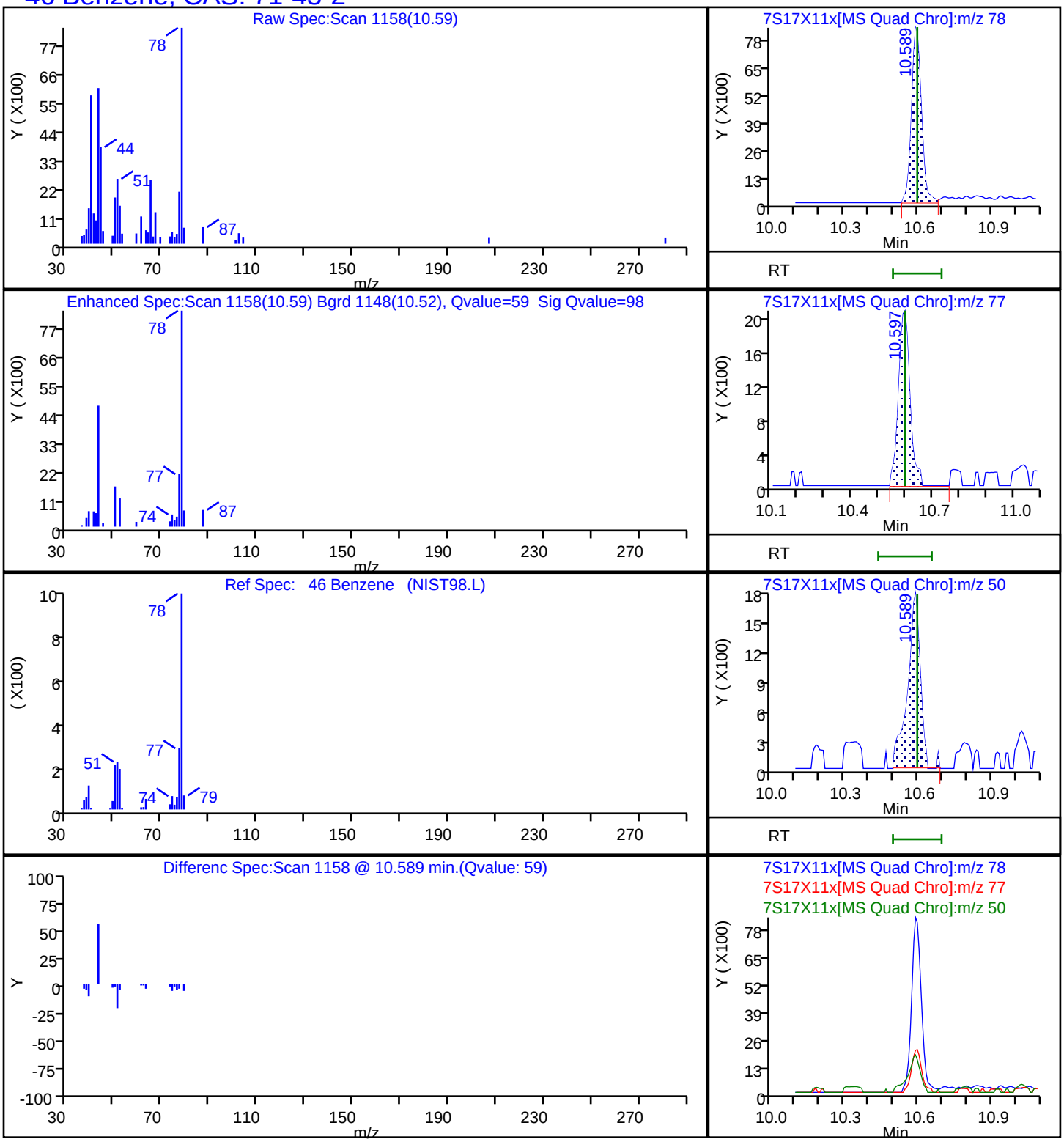
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



Report Date: 19-Sep-2025 11:25:50 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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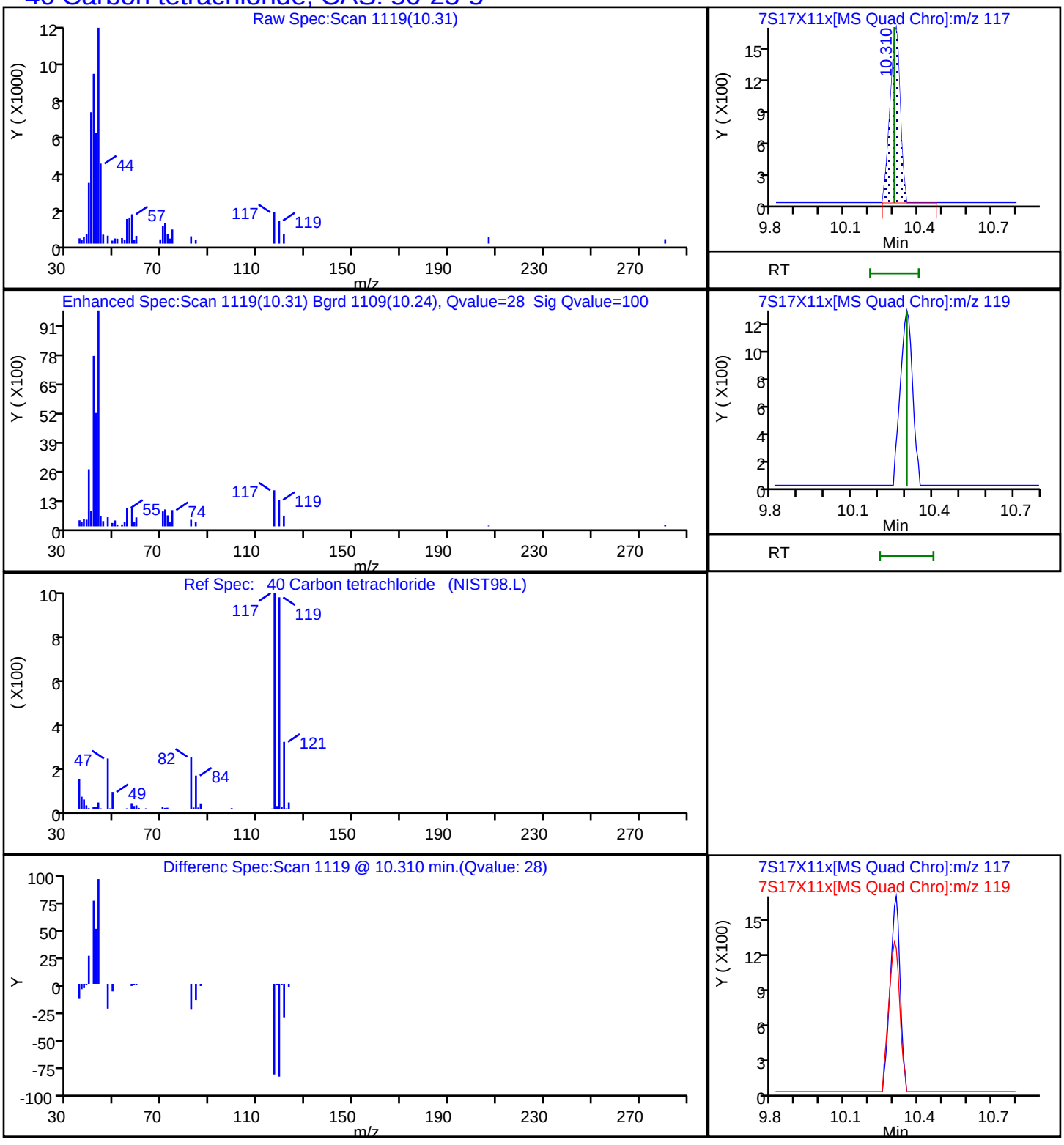
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5



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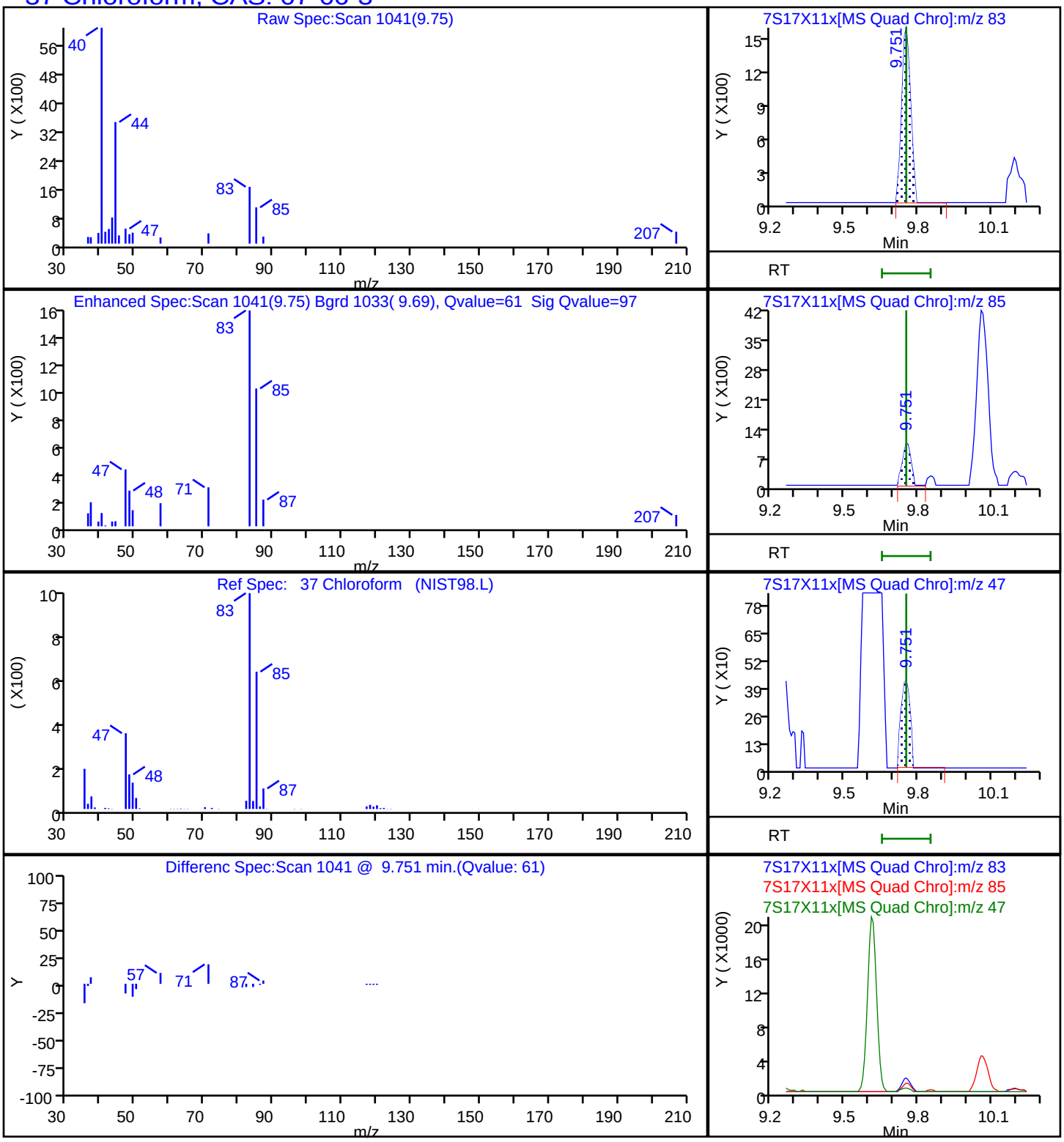
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3



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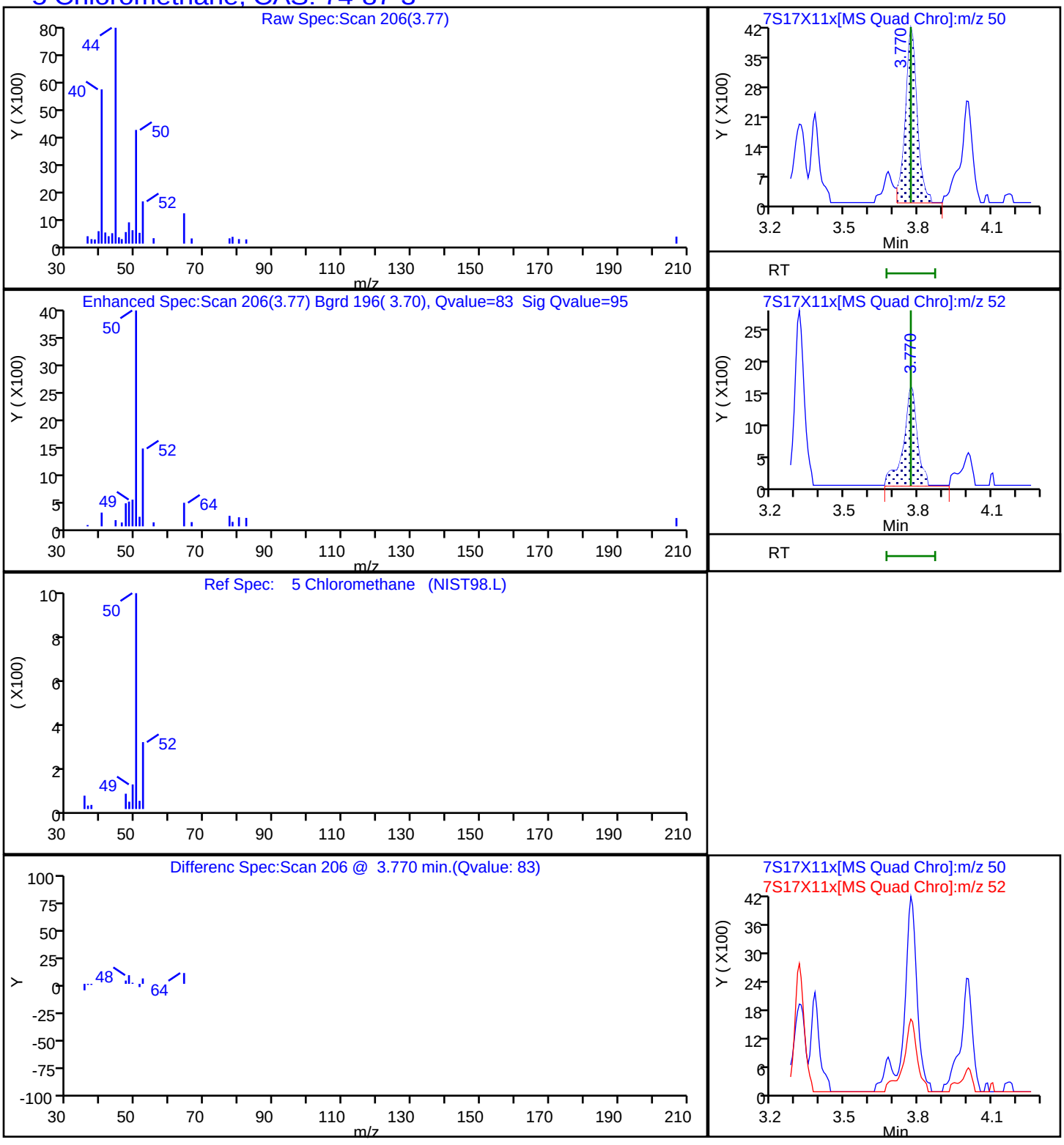
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3



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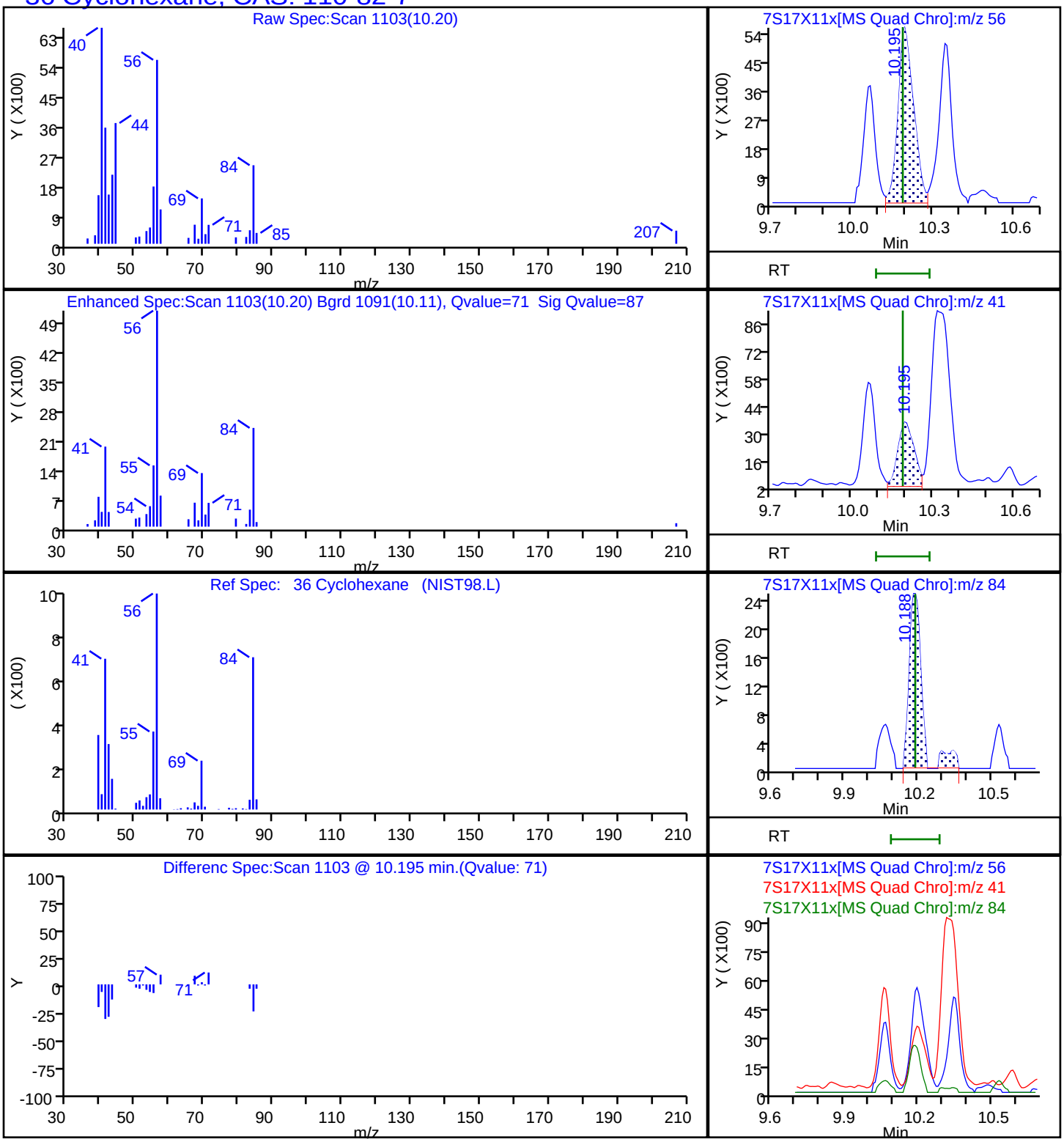
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



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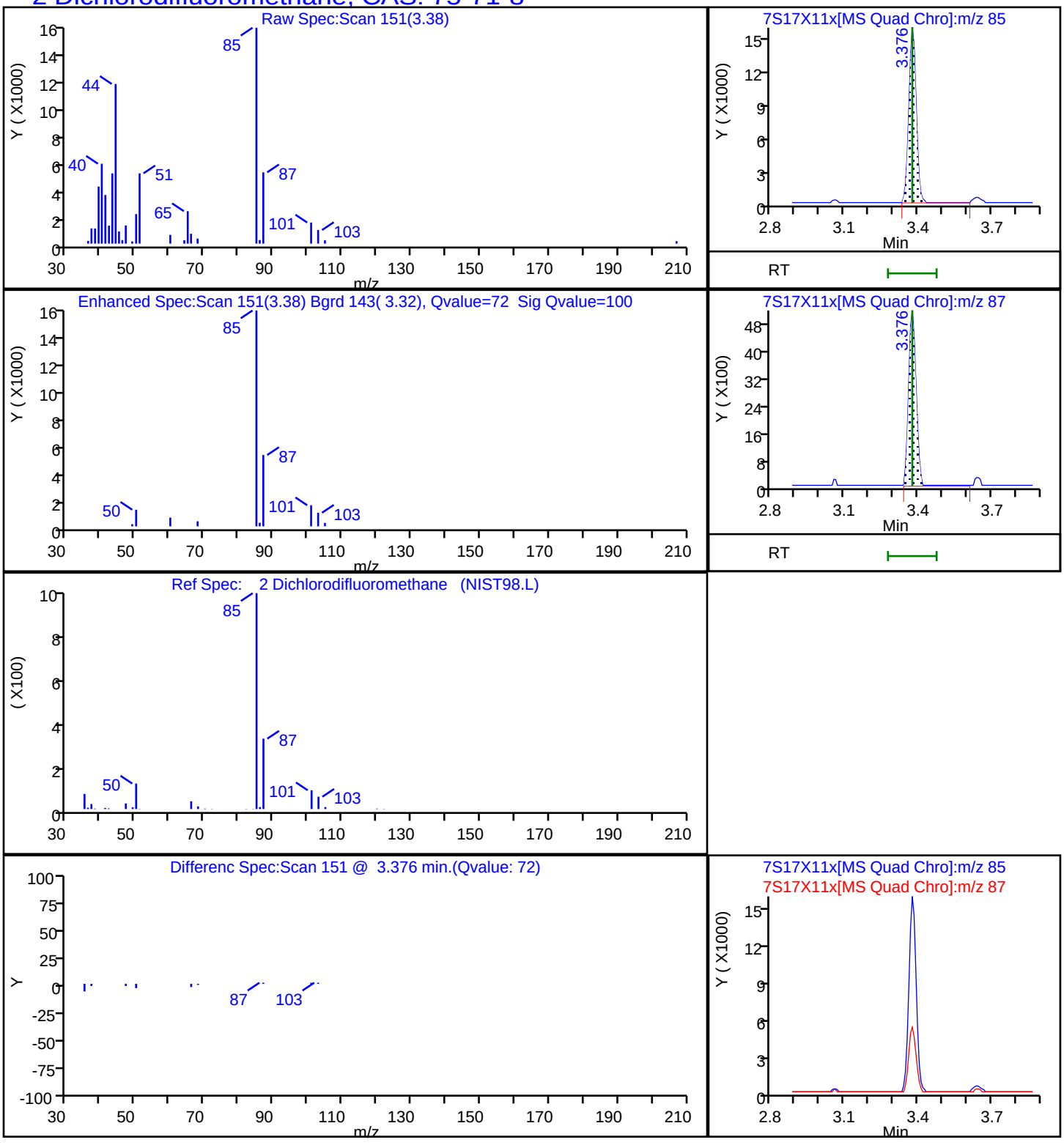
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 2 Dichlorodifluoromethane, CAS: 75-71-8



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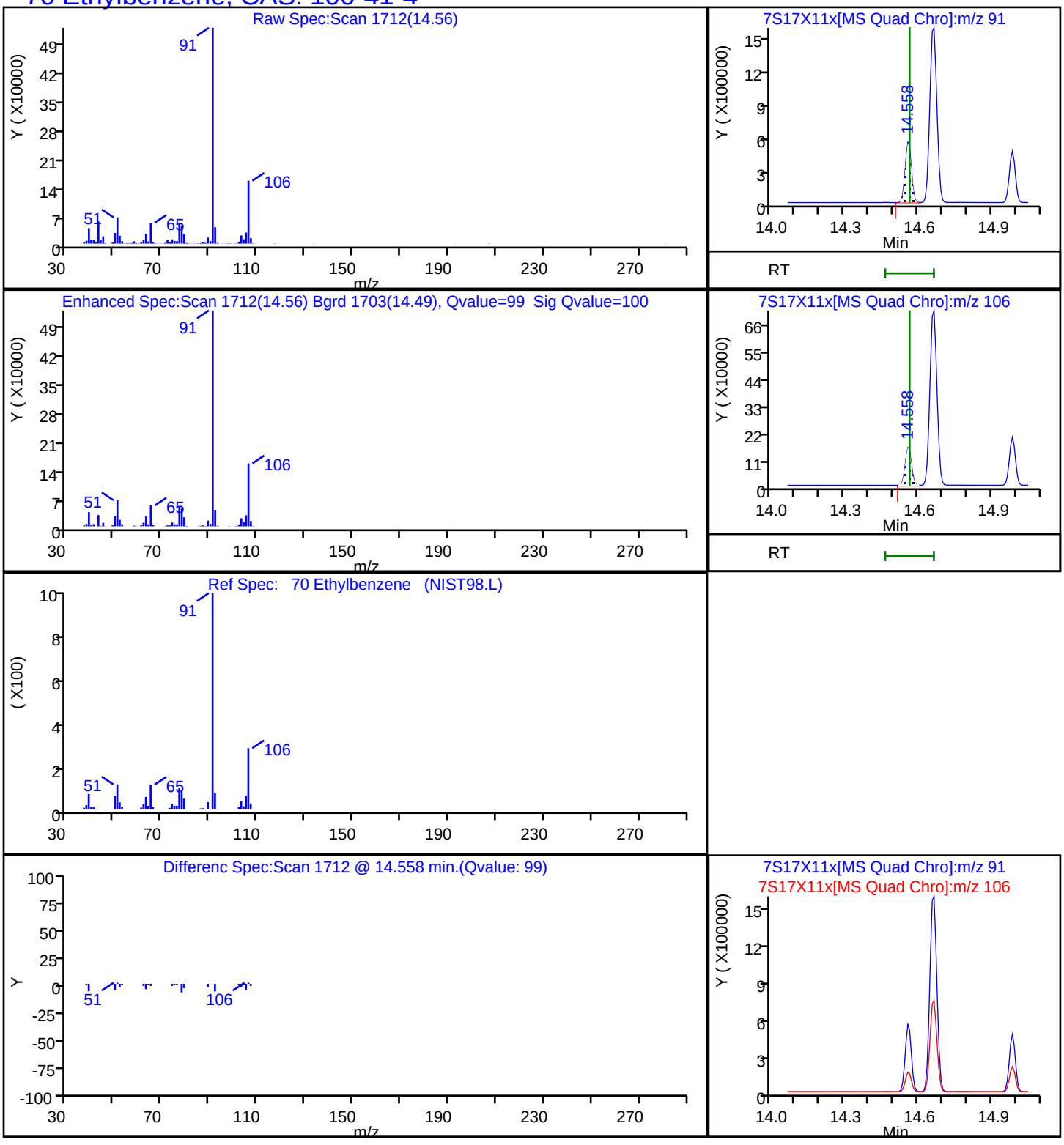
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4



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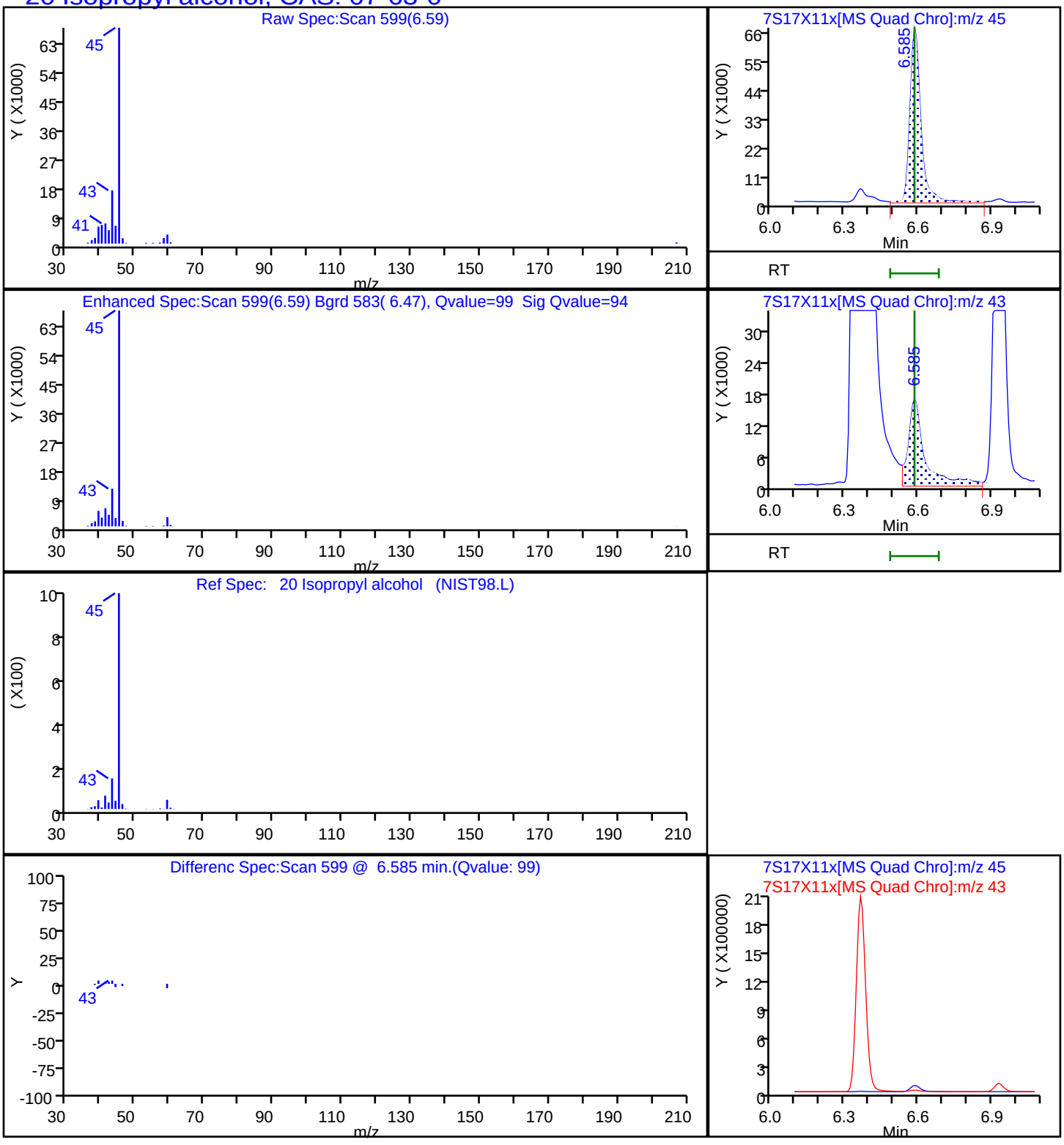
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0



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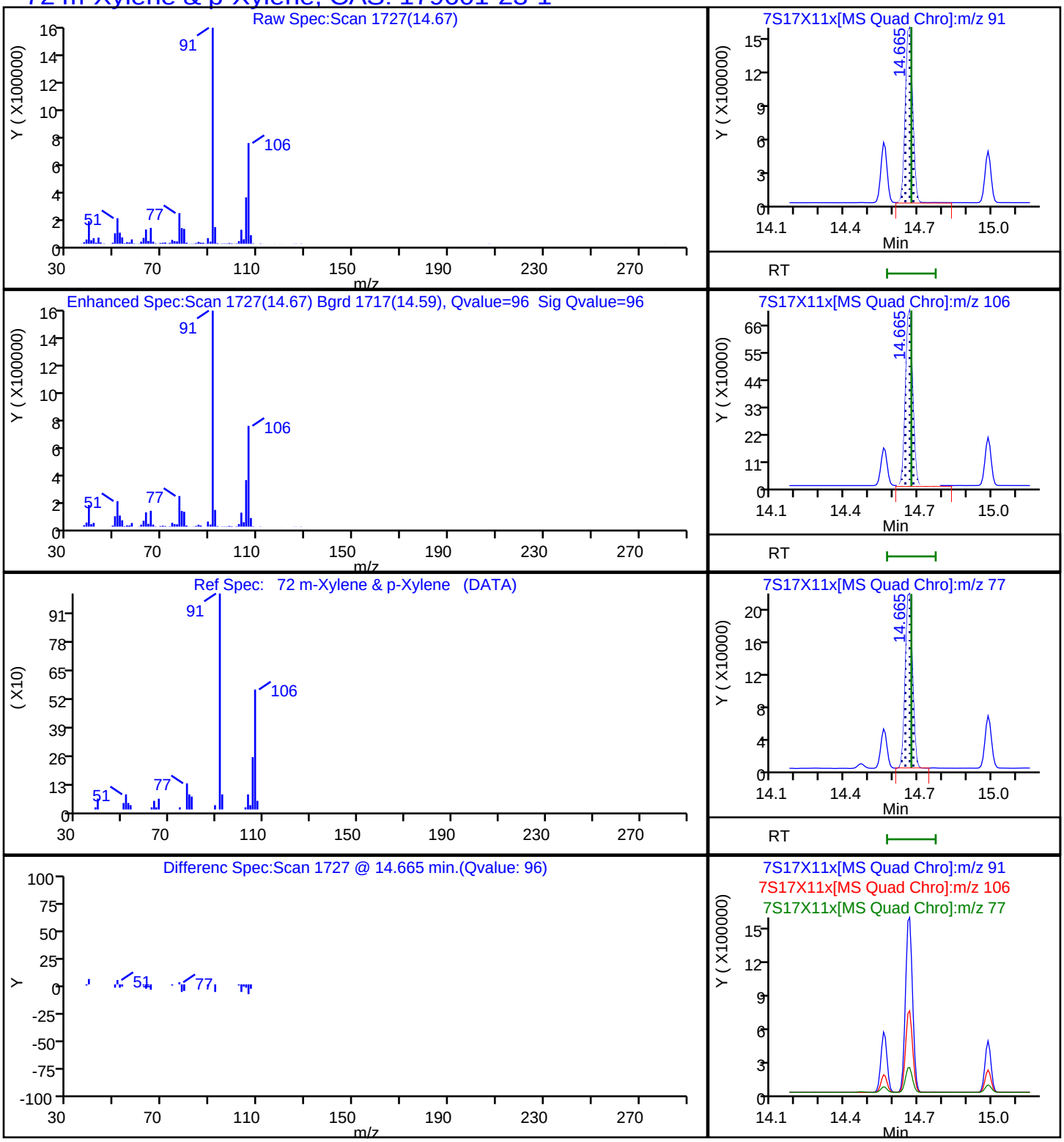
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1



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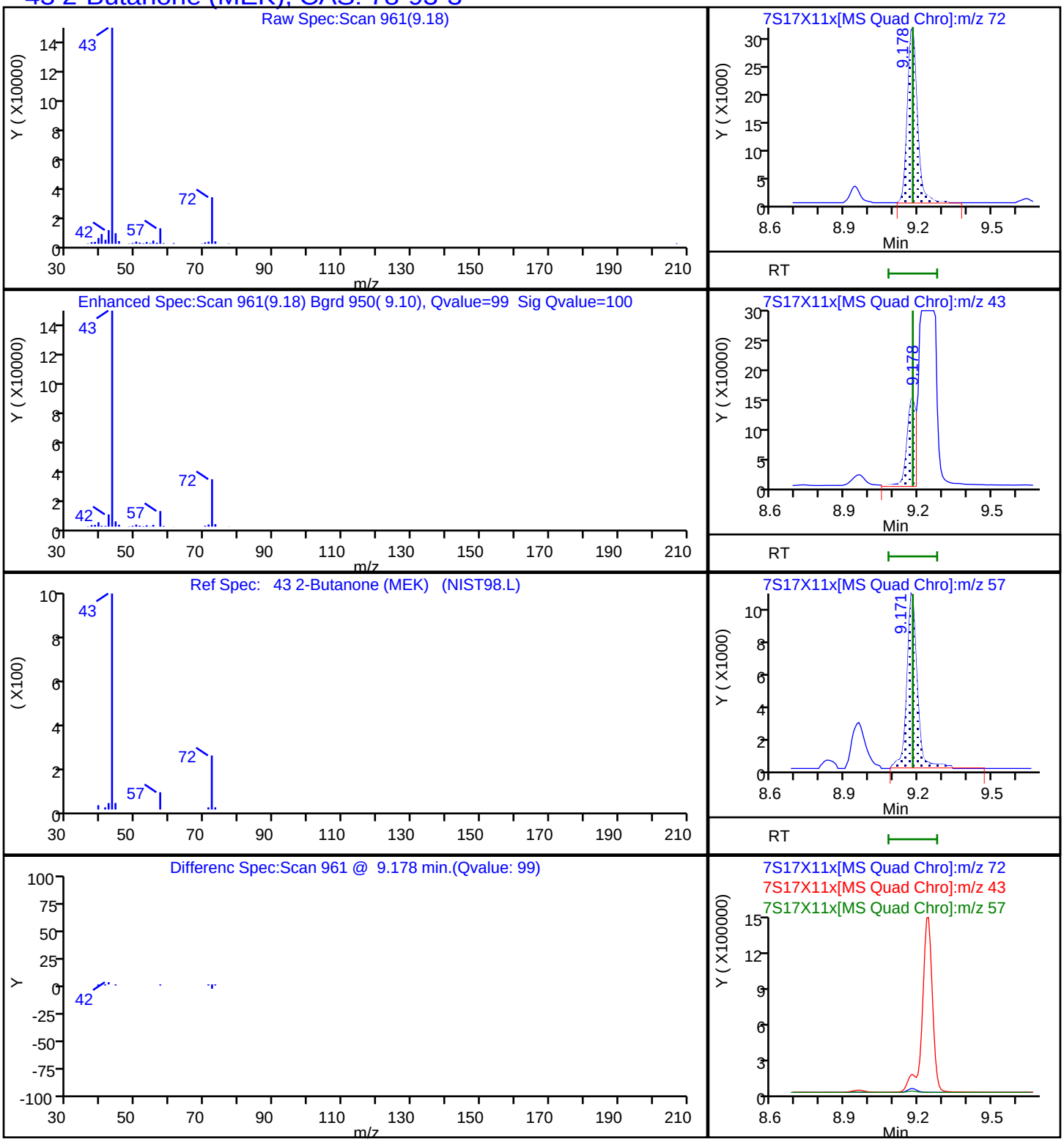
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



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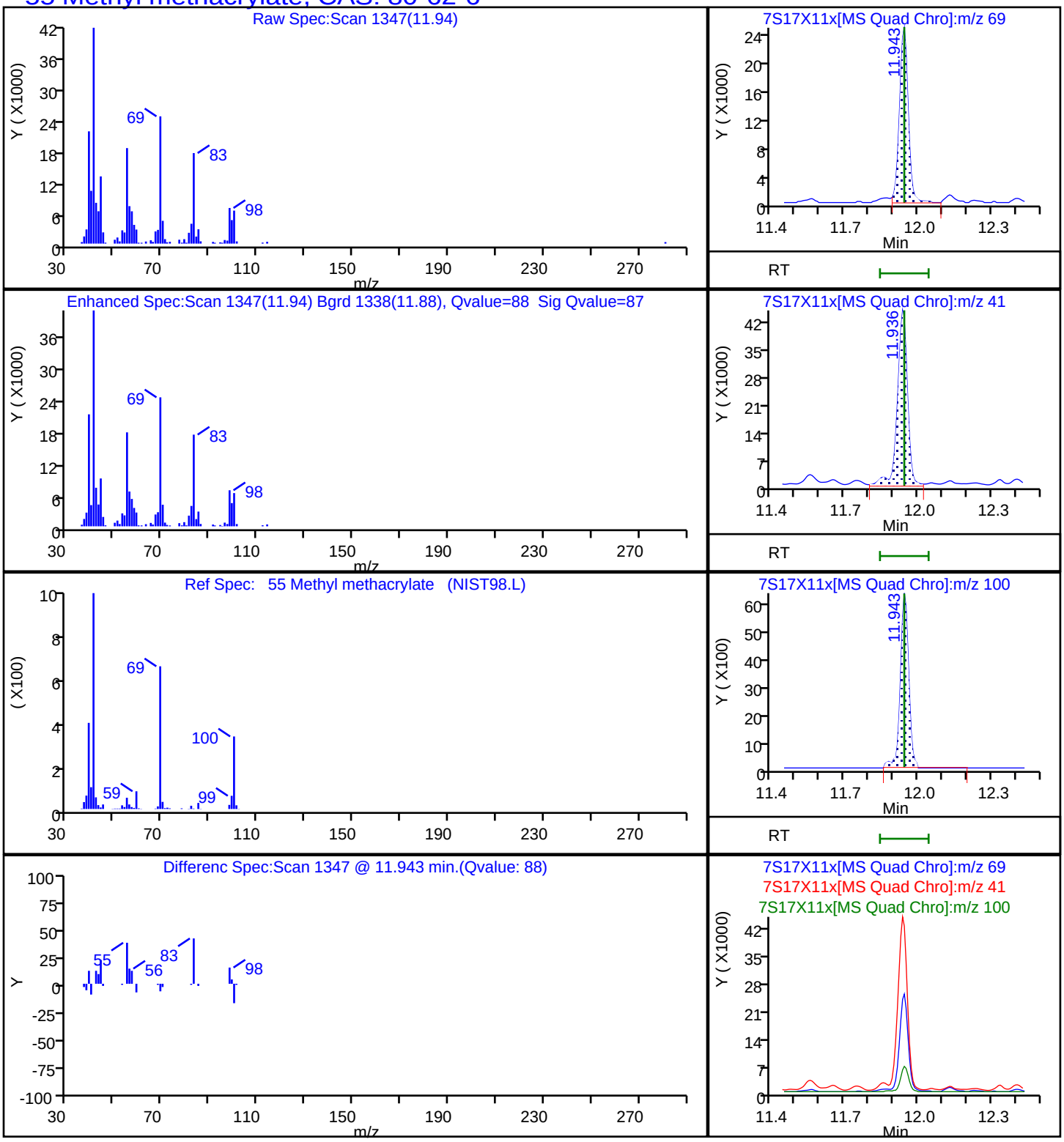
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6



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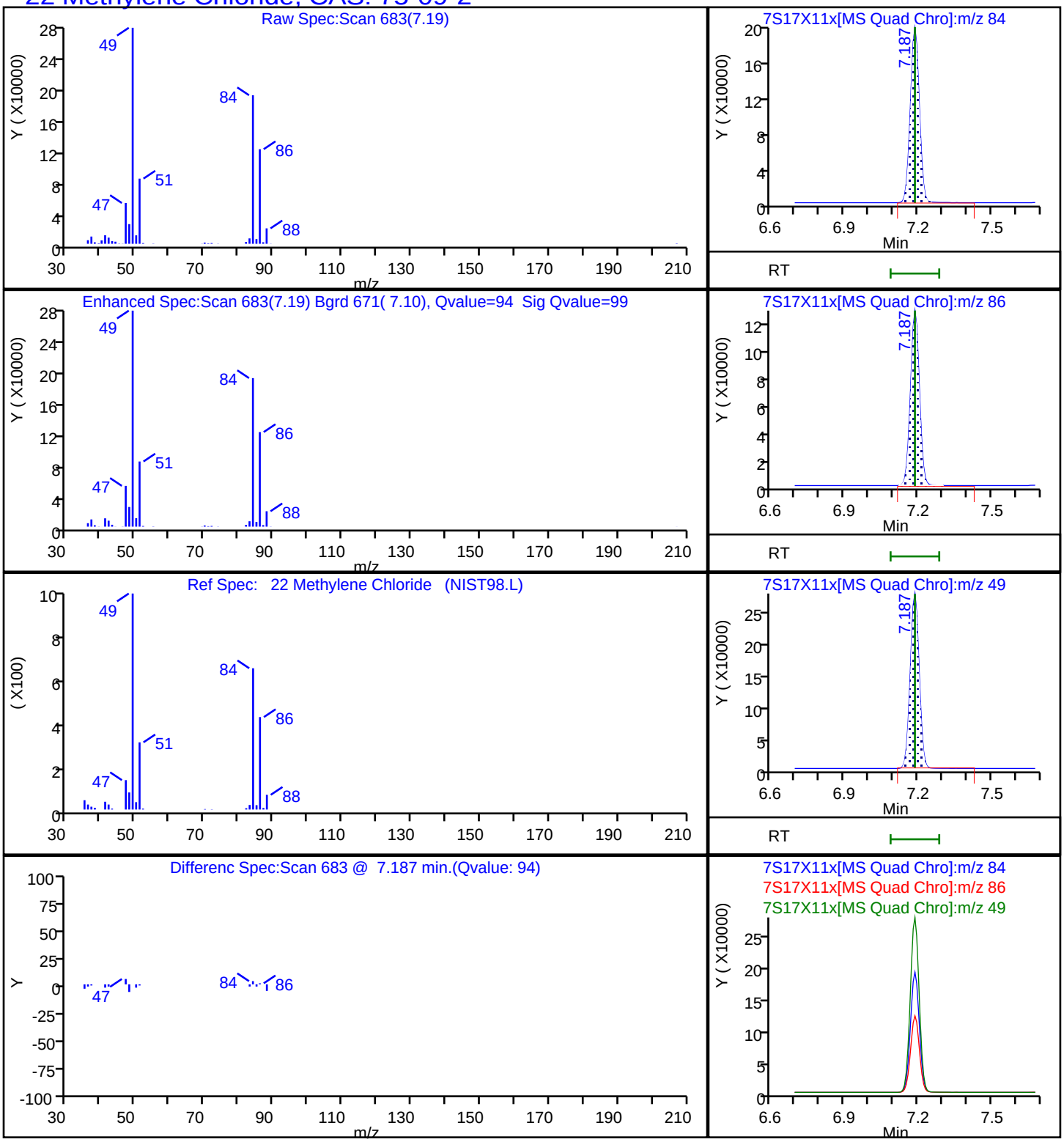
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2



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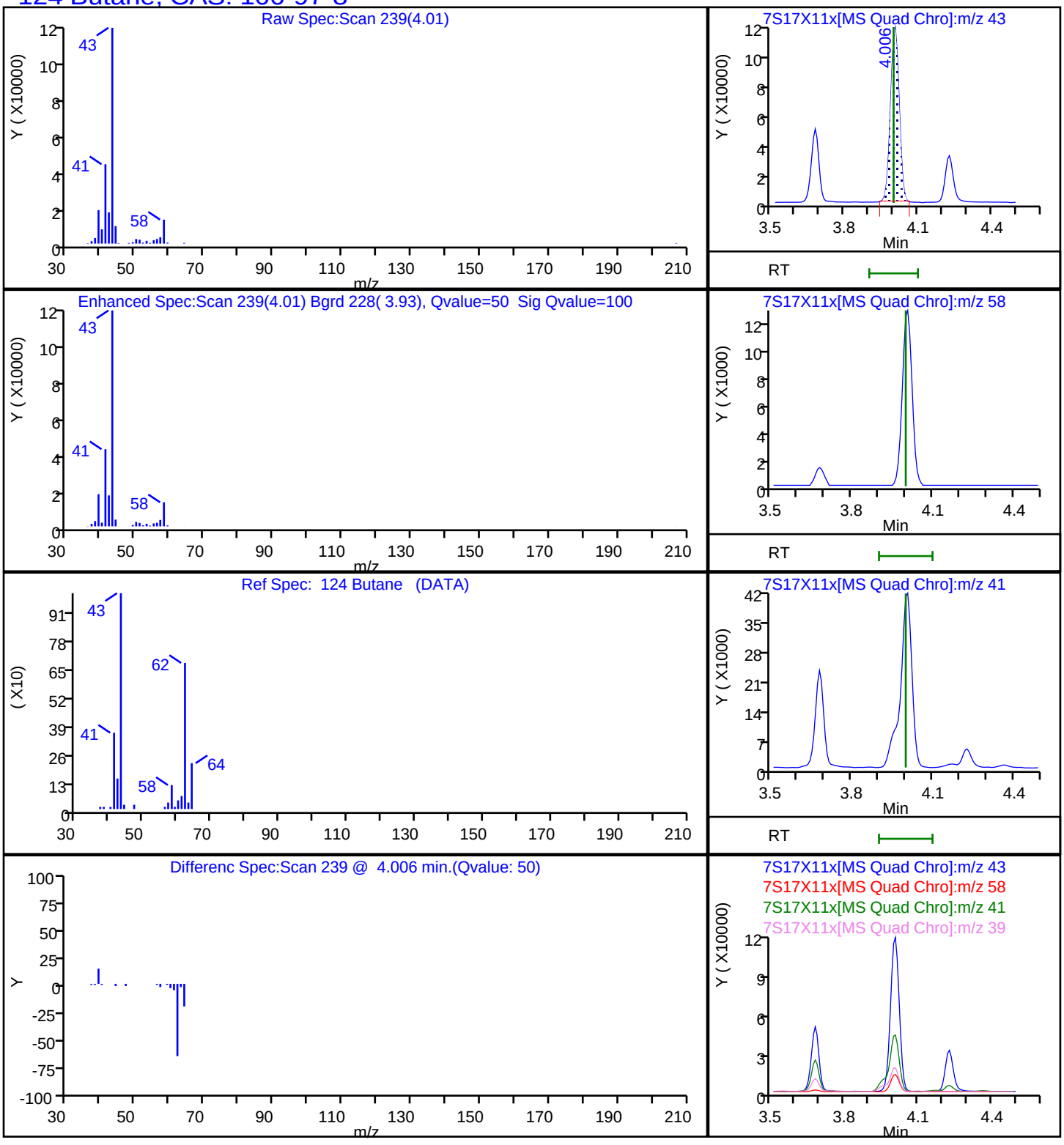
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8



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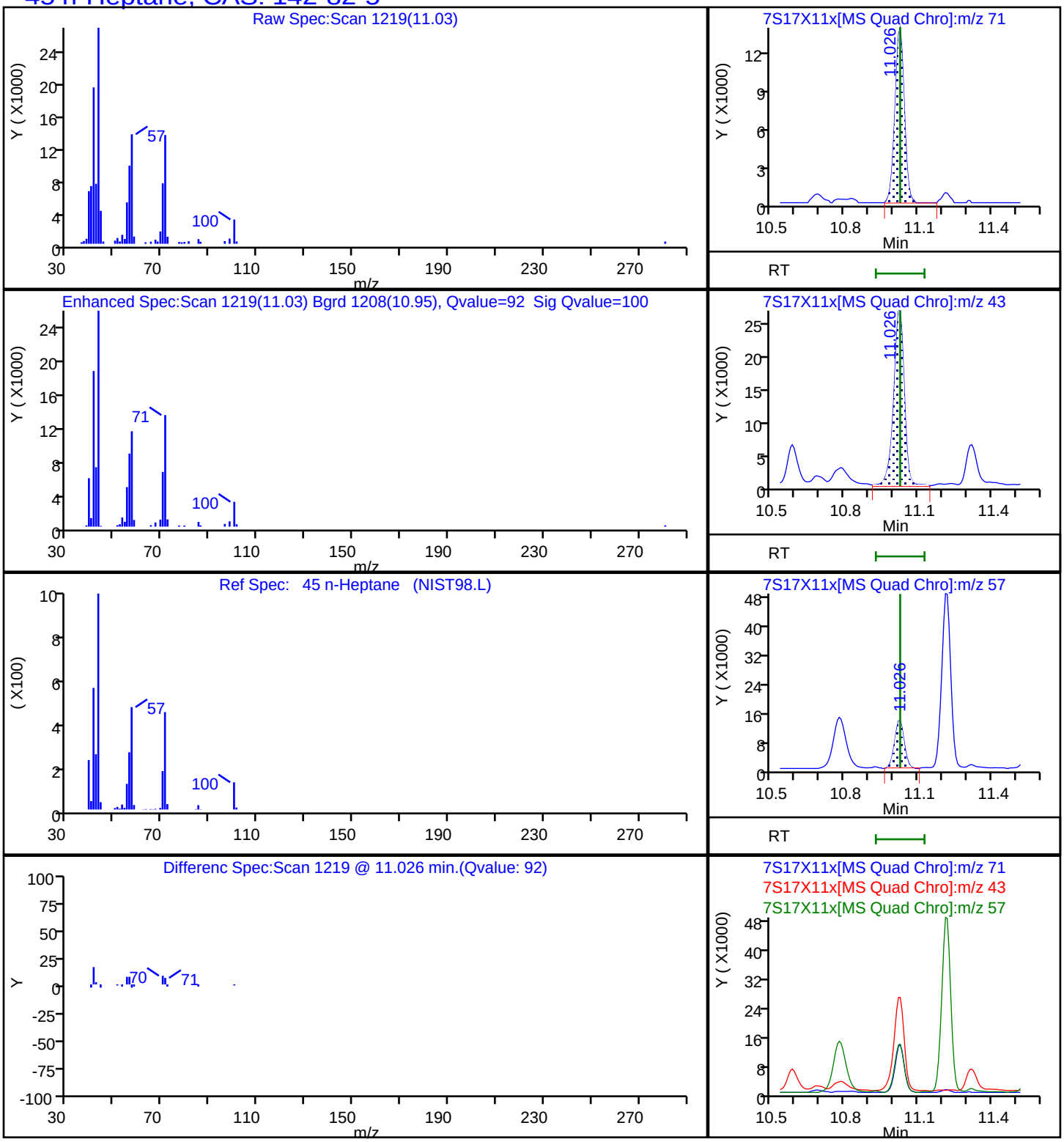
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5



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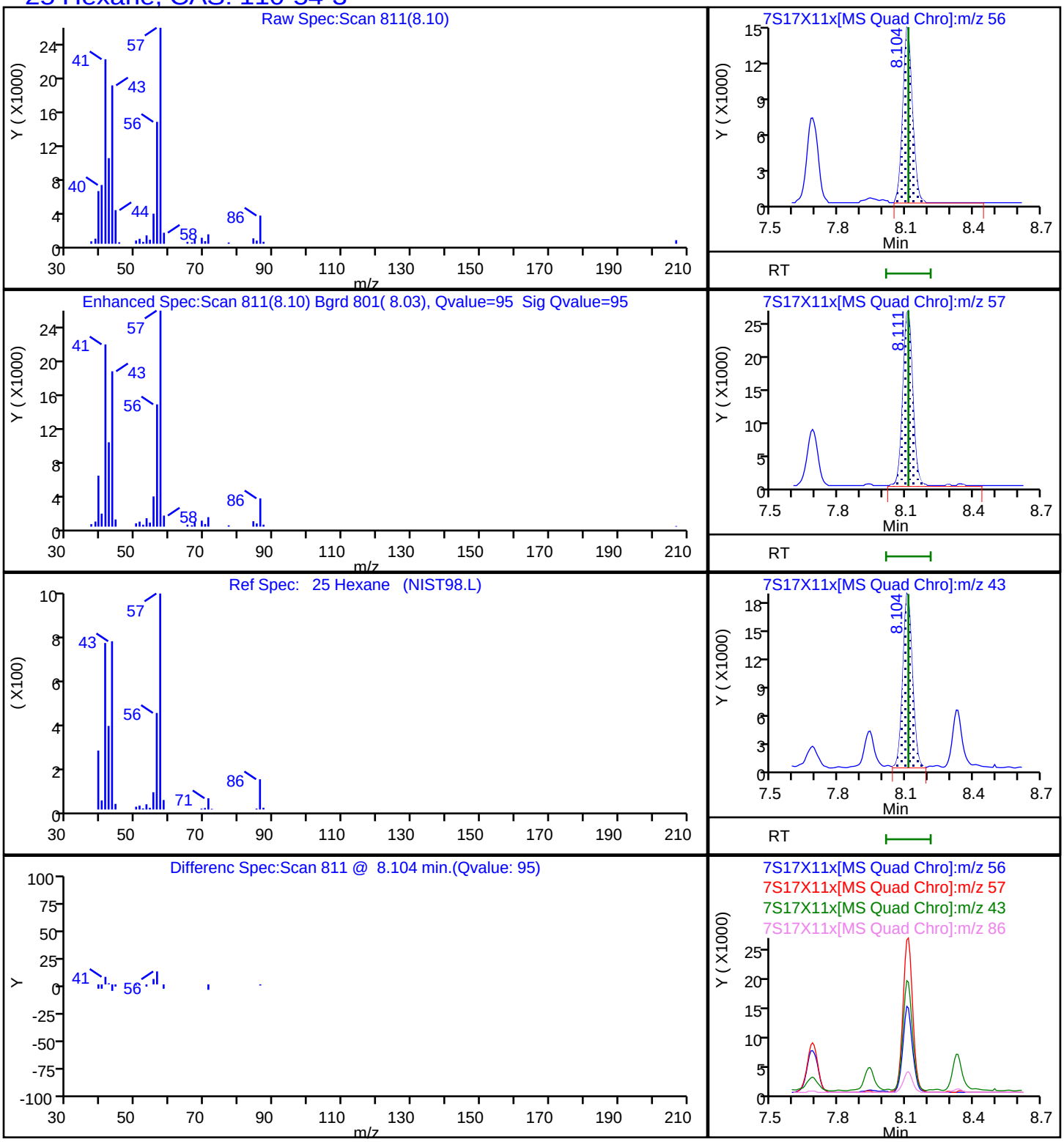
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



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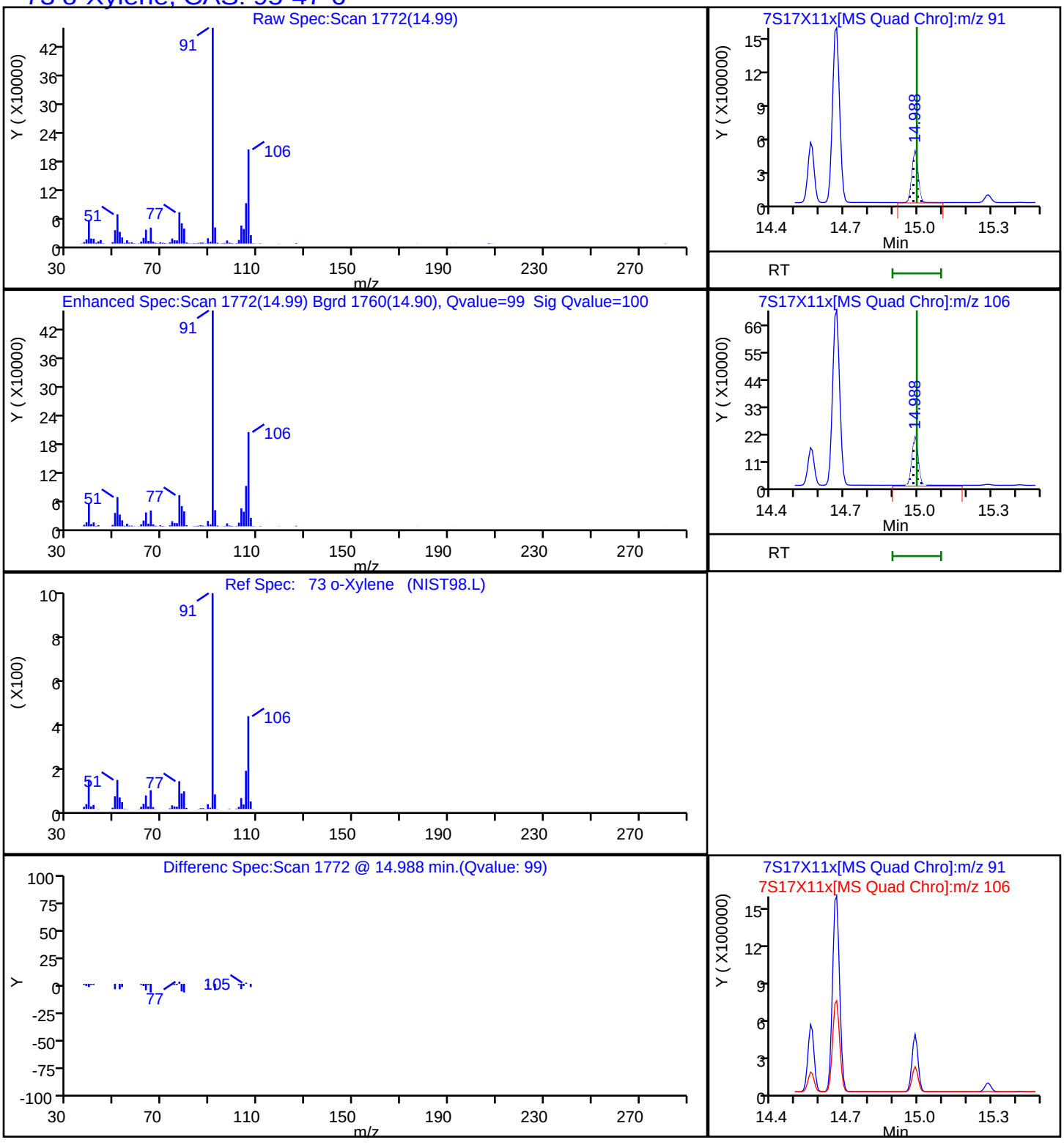
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 73 o-Xylene, CAS: 95-47-6



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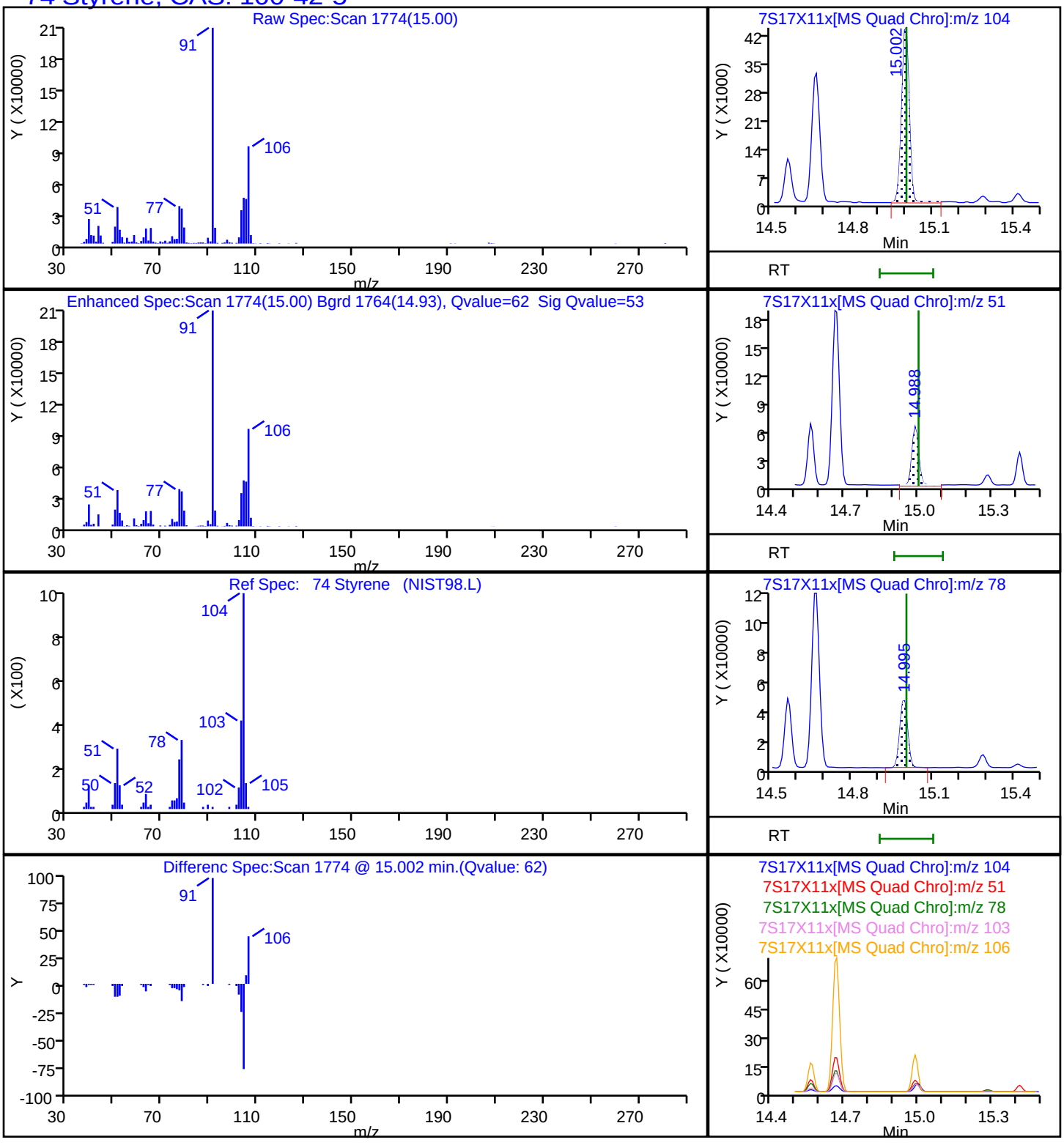
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5



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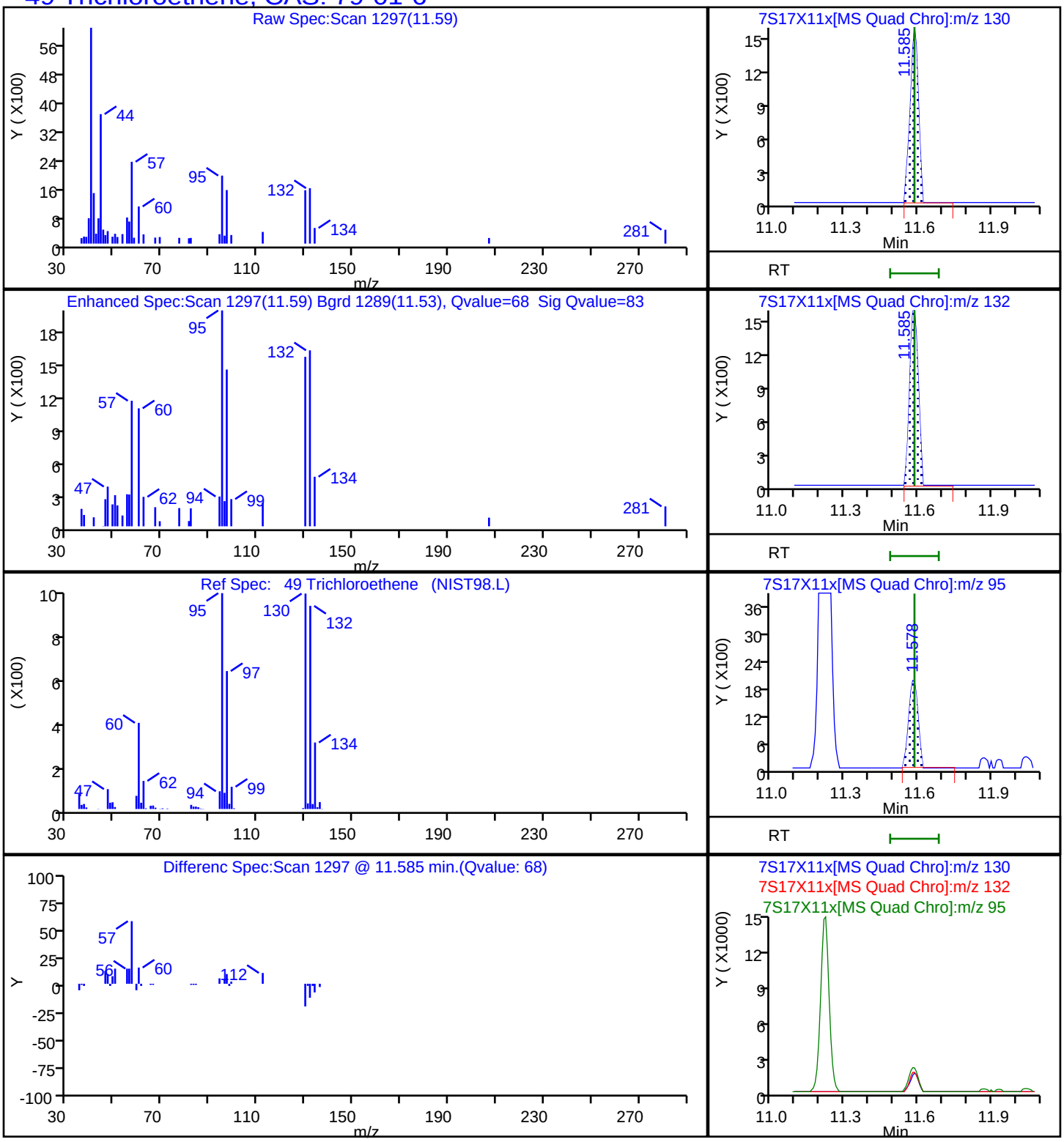
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 49 Trichloroethene, CAS: 79-01-6

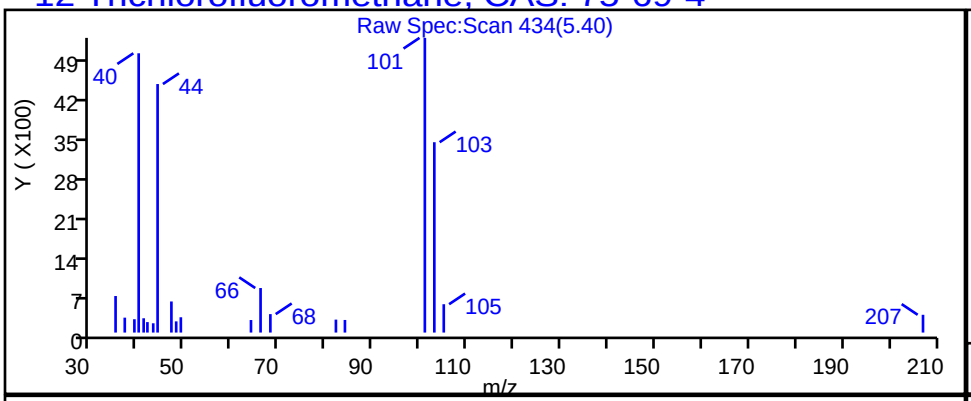


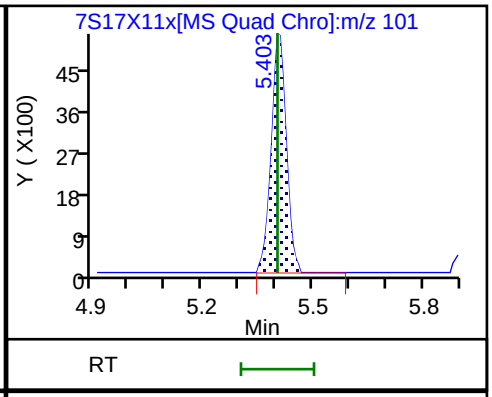
Report Date: 19-Sep-2025 11:25:50 Chrom Revision: 2.3 13-Aug-2025 14:00:00

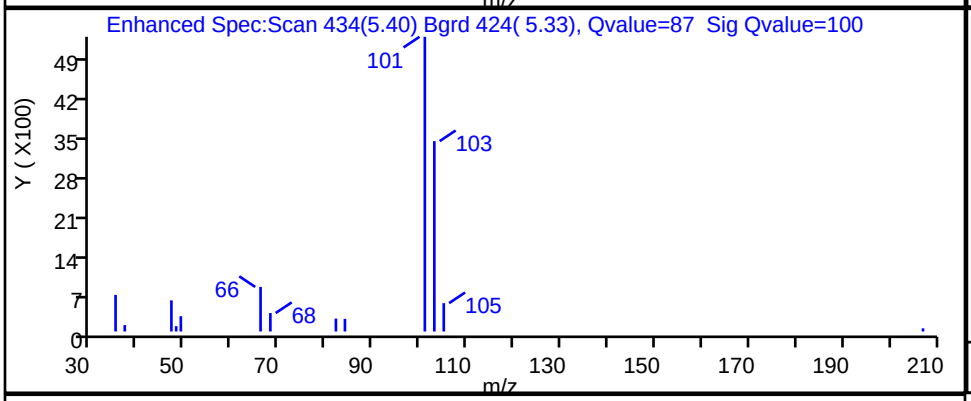
Eurofins Lancaster Laboratories Environment Testing, LLC

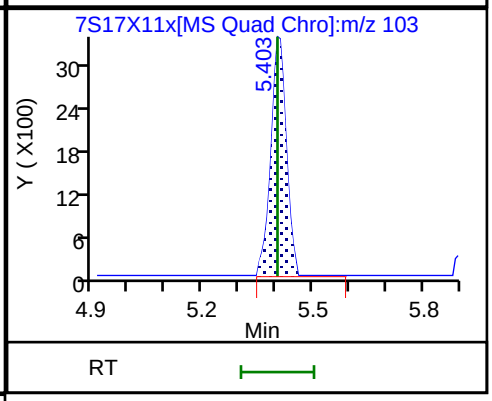
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

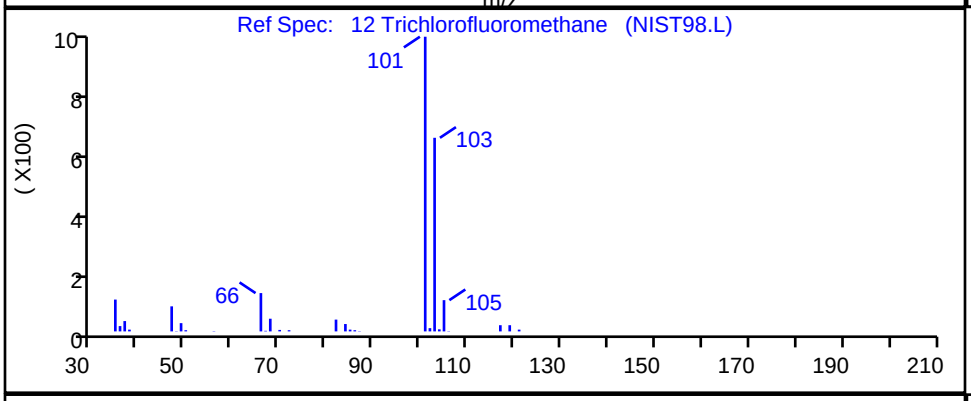
## 12 Trichlorofluoromethane, CAS: 75-69-4

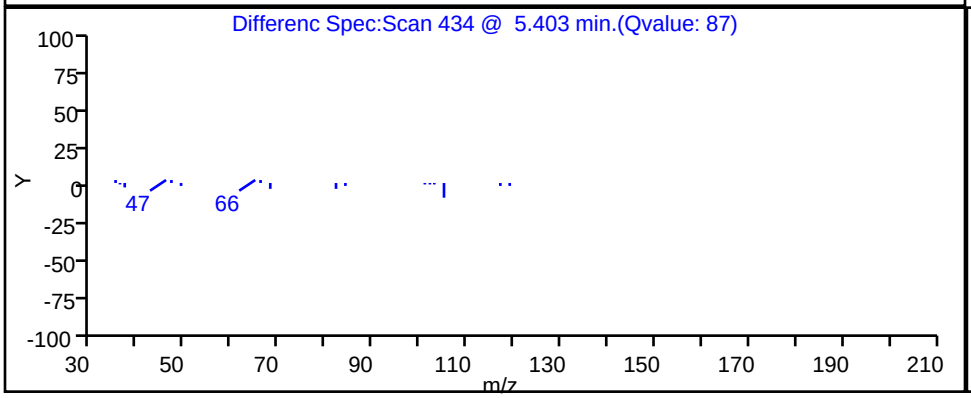


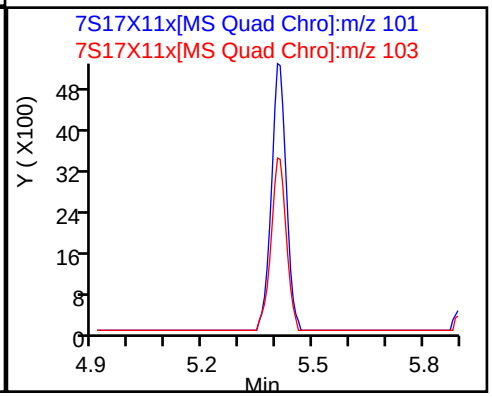



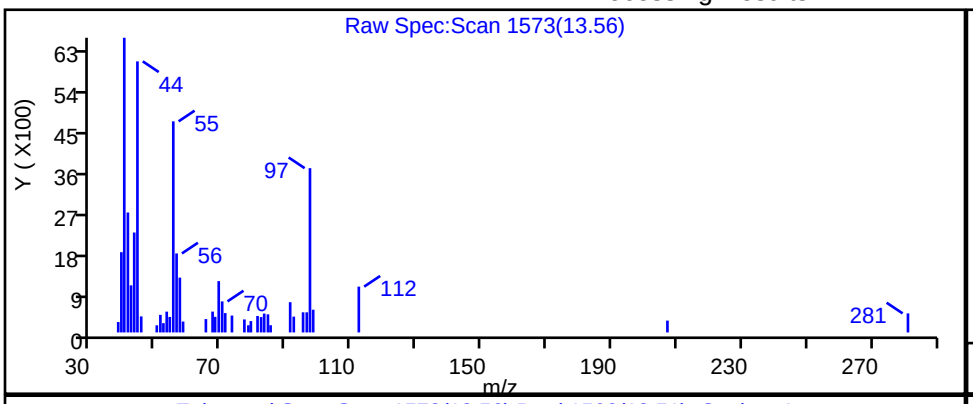
User Disabled Compound Report

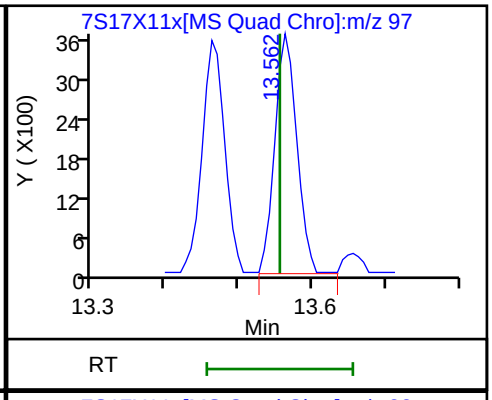
Eurofins Lancaster Laboratories Environment Testing, LLC

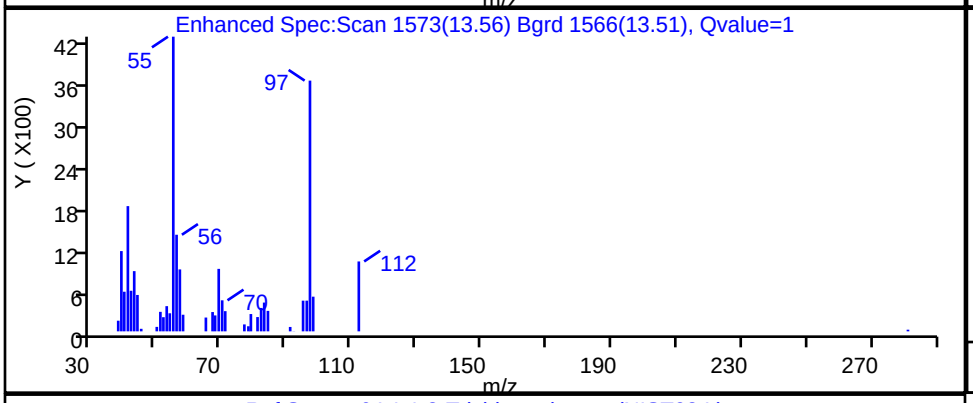
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

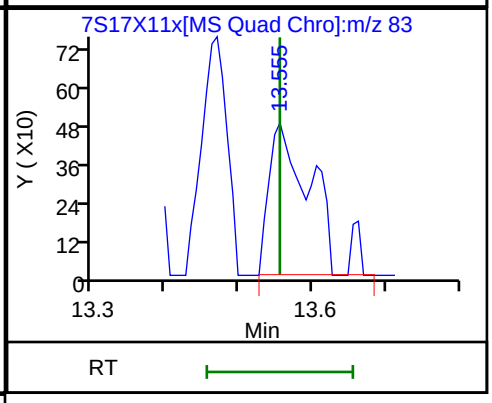
## 64 1,1,2-Trichloroethane, CAS: 79-00-5

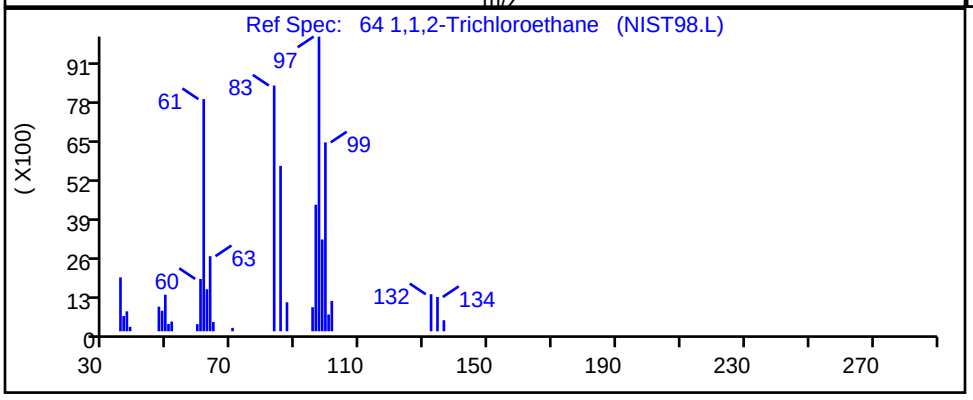
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.56 | 97.00 | 7565 | 0.208798 |
| 13.55 | 83.00 | 1950 | |

Reviewer: D7UM, 19-Sep-2025 09:03:42 -04:00:00 (UTC)

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

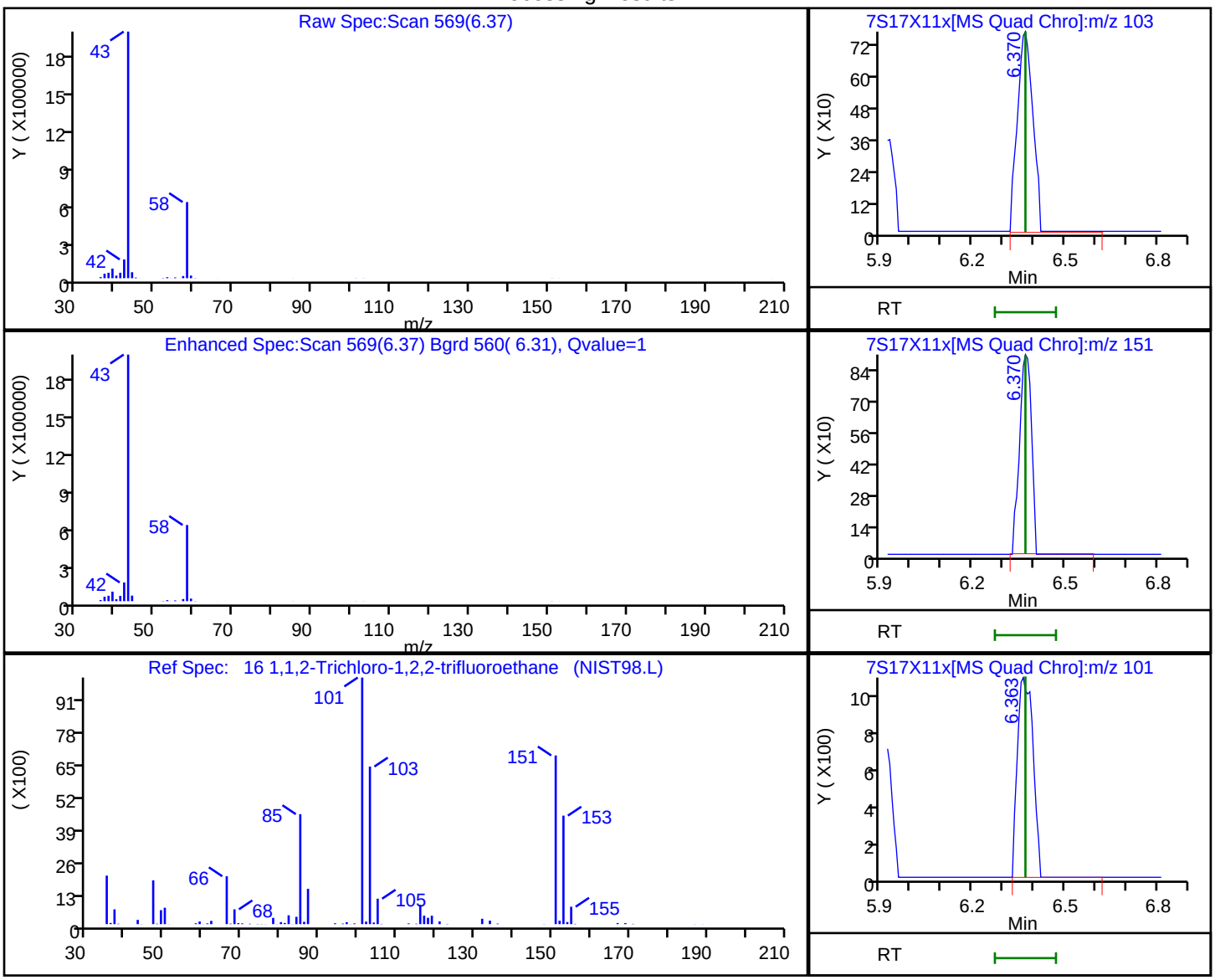
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.37 | 103.00 | 2670 | 0.084502 |
| 6.37 | 151.00 | 2469 | |
| 6.36 | 101.00 | 3727 | |

Reviewer: D7UM, 19-Sep-2025 09:02:34 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

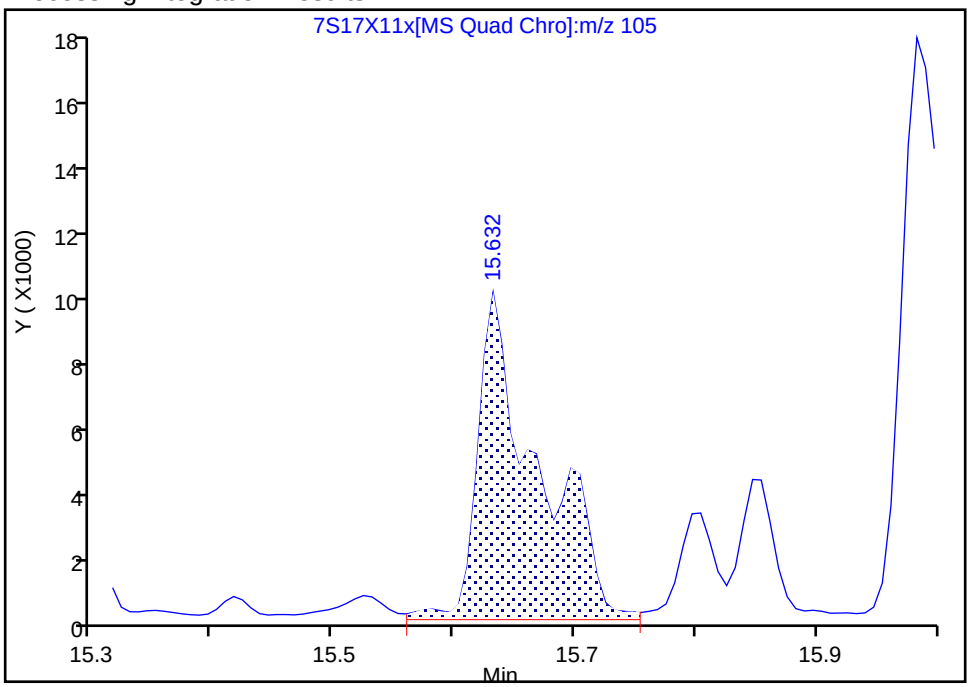
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

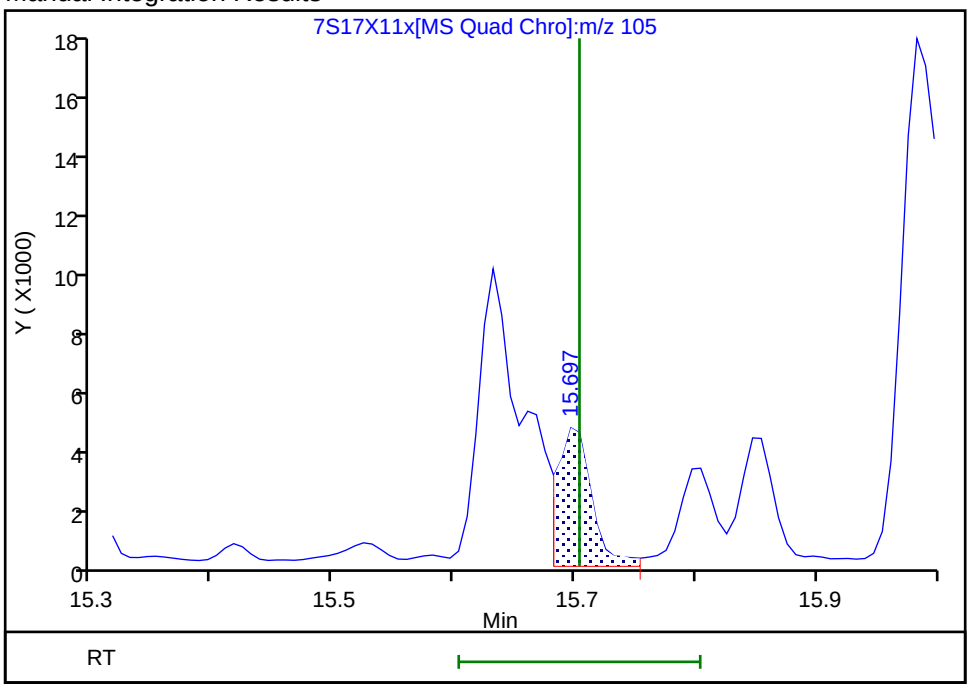
Processing Integration Results

RT: 15.63
Area: 34826
Amount: 0.361847
Amount Units: ppb v/v




Manual Integration Results

RT: 15.70
Area: 8669
Amount: 0.090072
Amount Units: ppb v/v




Reviewer: D7UM, 19-Sep-2025 09:04:05 -04:00:00 (UTC)

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

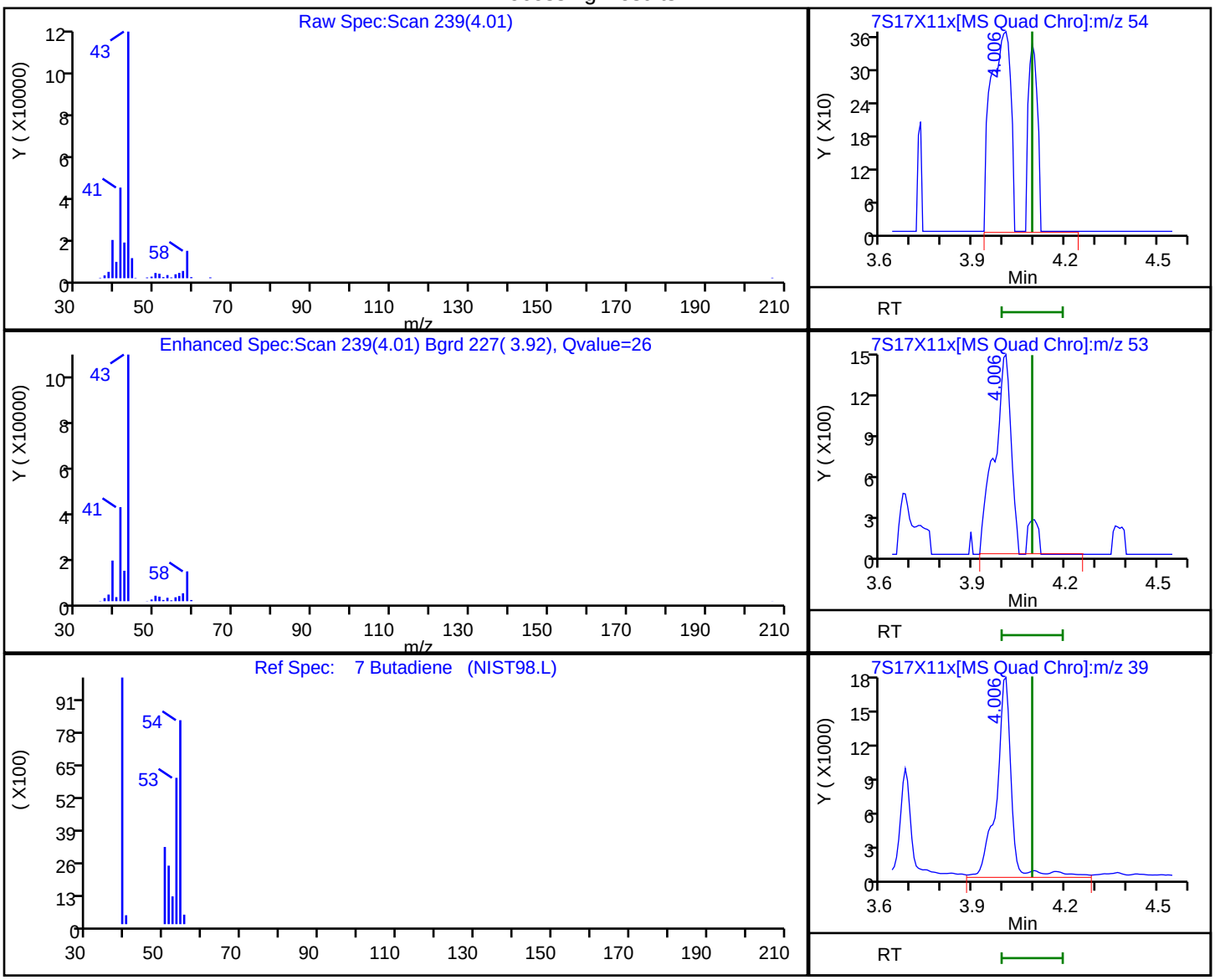
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.01 | 54.00 | 2322 | 0.118118 |
| 4.01 | 53.00 | 6101 | |
| 4.01 | 39.00 | 60855 | |

Reviewer: D7UM, 19-Sep-2025 09:02:30 -04:00:00 (UTC)

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

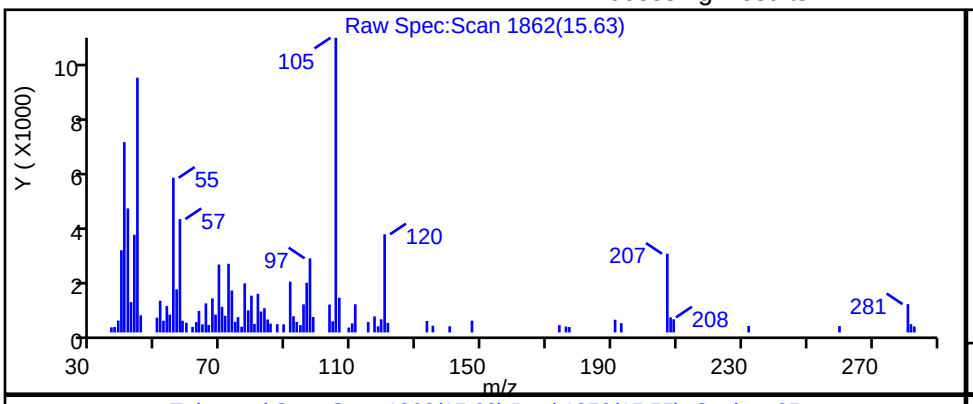
User Disabled Compound Report

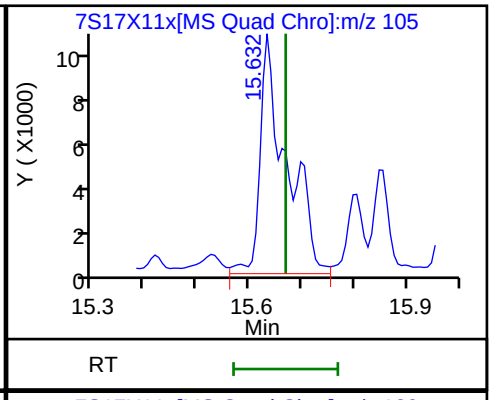
Eurofins Lancaster Laboratories Environment Testing, LLC

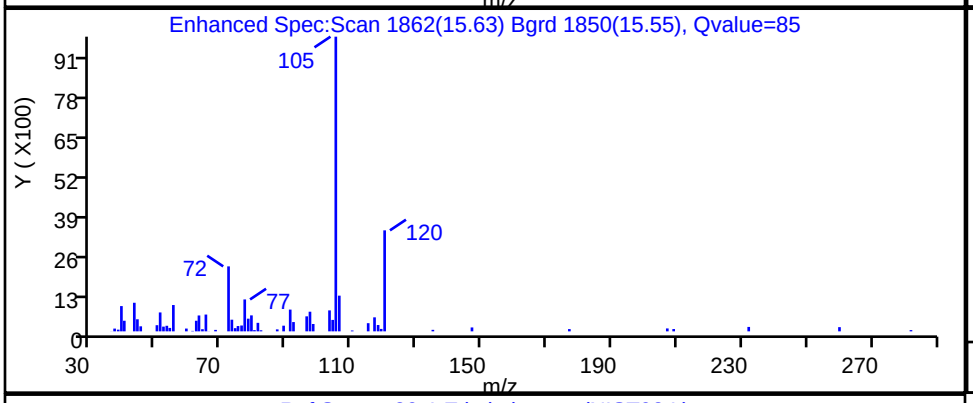
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

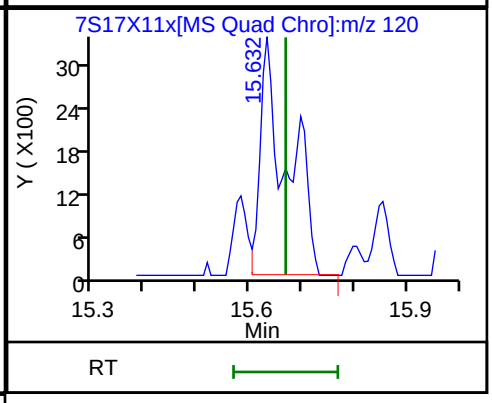
## 80 4-Ethyltoluene, CAS: 622-96-8

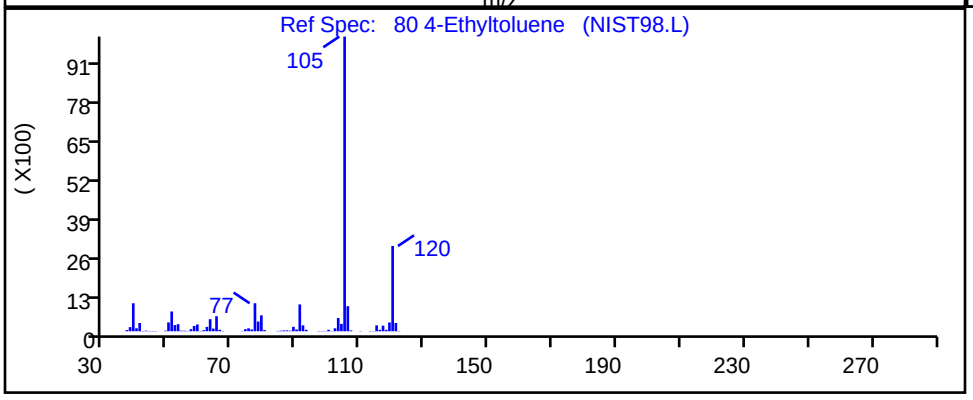
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.63 | 105.00 | 34826 | 0.289674 |
| 15.63 | 120.00 | 11893 | |

Reviewer: D7UM, 19-Sep-2025 09:03:59 -04:00:00 (UTC)

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

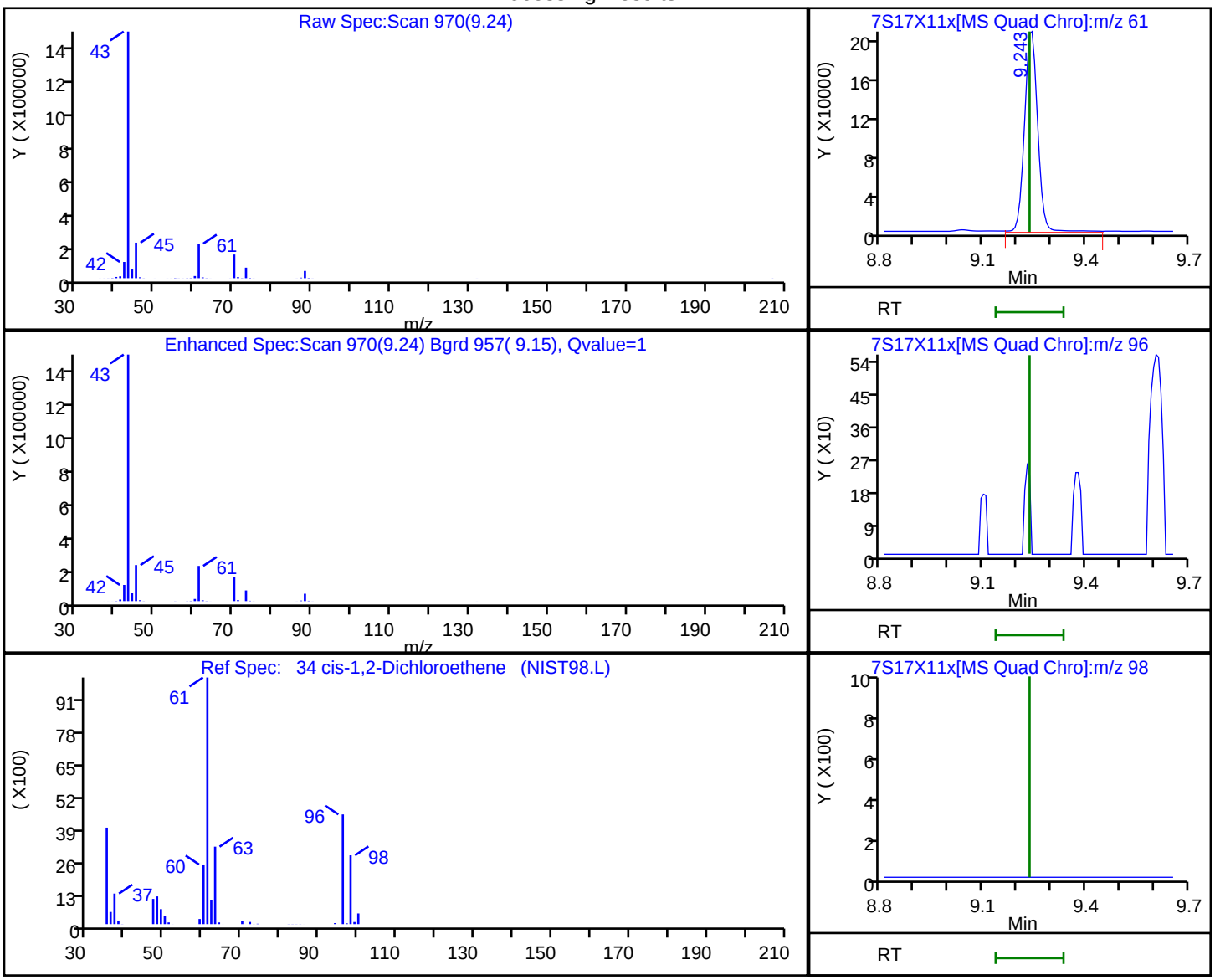
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.24 | 61.00 | 541197 | 10.463635 |
| 9.24 | 96.00 | 0 | |
| 9.24 | 98.00 | 0 | |

Reviewer: D7UM, 19-Sep-2025 09:02:47 -04:00:00 (UTC)

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

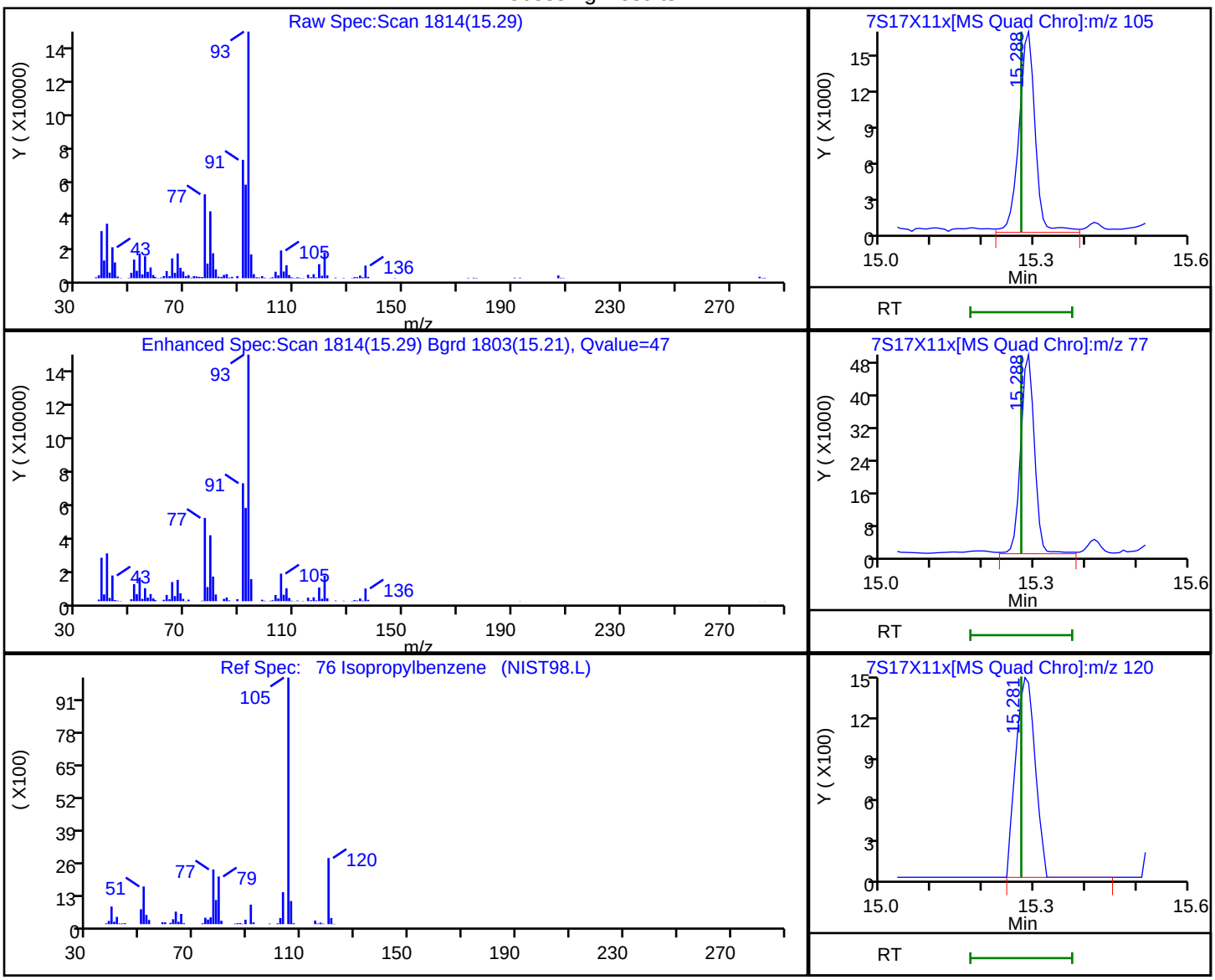
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 76 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.29 | 105.00 | 35015 | 0.290967 |
| 15.29 | 77.00 | 92806 | |
| 15.28 | 120.00 | 3785 | |

Reviewer: D7UM, 19-Sep-2025 09:03:56 -04:00:00 (UTC)

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

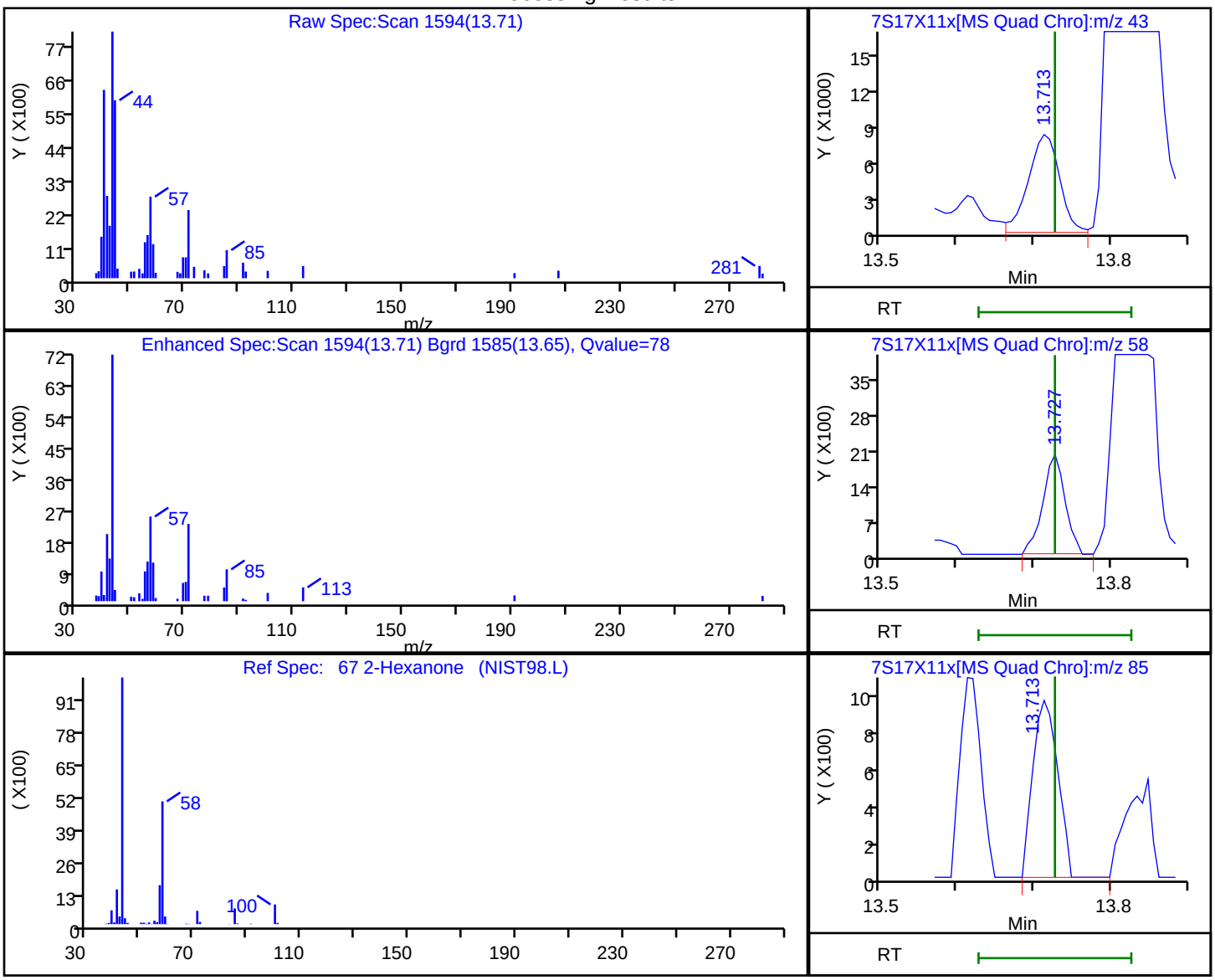
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.71 | 43.00 | 21358 | 0.324983 |
| 13.73 | 58.00 | 3965 | |
| 13.71 | 85.00 | 2093 | |

Reviewer: D7UM, 19-Sep-2025 09:03:48 -04:00:00 (UTC)

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

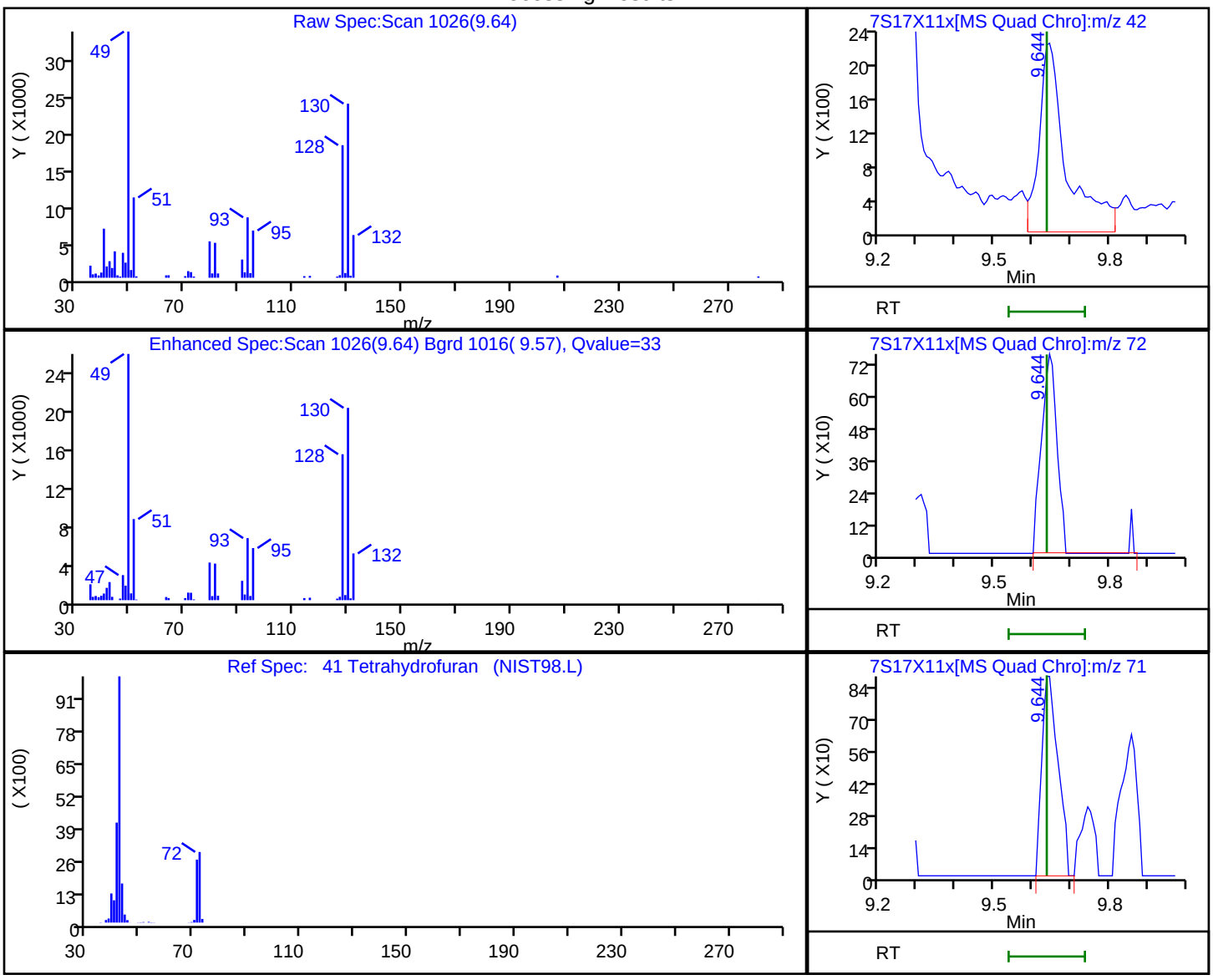
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X11x.D | | | | |
| Injection Date: | 18-Sep-2025 02:48:36 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.64 | 42.00 | 10915 | 0.293202 |
| 9.64 | 72.00 | 2193 | |
| 9.64 | 71.00 | 2608 | |

Reviewer: D7UM, 19-Sep-2025 09:03:22 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-IA01_MW30P_091325 DL
Lab Sample ID: 460-334962-3 DL

Matrix: Air
Lab File ID: 7S17X15.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:56

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 08:36

Soil Aliquot Vol:
Dilution Factor: 10

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 67-64-1 | Acetone | 290 | D | 120 | 38 |
| 108-88-3 | Toluene | 400 | D | 7.5 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X15.D
Lims ID: 460-334962-A-3 DL
Client ID: C241174_BL-IA01_MW30P_091325
Sample Type: Client
Inject. Date: 18-Sep-2025 08:36:28 ALS Bottle#: 9 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Sample Info: 460-334962-A-3
Misc. Info.: 410-0160073-016
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 19-Sep-2025 11:15:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 18-Sep-2025 09:34:58

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 5 Chloromethane | 50 | 3.763 | 3.770 | -0.007 | 15 | 2926 | 0.1239 | |
| 23 Acetone | 43 | 6.370 | 6.370 | 0.000 | 99 | 523690 | 12.2 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.585 | 0.014 | 73 | 16760 | 0.5278 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.194 | 0.000 | 93 | 46761 | 2.05 | |
| 25 Hexane | 56 | 8.111 | 8.118 | 0.000 | 88 | 4688 | 0.2102 | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 97 | 8050 | 0.6599 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.250 | 9.235 | 0.015 | 1 | 45812 | 0.9340 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 288735 | 10.0 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 38 | 2344 | 0.0569 | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 10 | 4906 | 0.0582 | |
| 45 n-Heptane | 71 | 11.033 | 11.026 | 0.007 | 42 | 3459 | 0.1357 | |
| * 50 1,4-Difluorobenzene | 114 | 11.219 | 11.220 | -0.001 | 96 | 1042504 | 10.0 | |
| 55 Methyl methacrylate | 69 | 11.950 | 11.943 | 0.007 | 85 | 5974 | 0.2244 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.874 | 0.000 | 84 | 6435 | 0.0991 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 93 | 1082694 | 10.6 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.472 | 0.000 | 89 | 995421 | 10.0 | |
| 70 Ethylbenzene | 91 | 14.565 | 14.565 | 0.000 | 98 | 87164 | 0.7044 | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | -0.007 | 96 | 273257 | 2.98 | |
| 73 o-Xylene | 91 | 14.987 | 14.995 | -0.008 | 99 | 70550 | 0.7729 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 57 | 6962 | 0.1050 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 343807 | 0 | |
| $ 110 BFB | | | | | | | | |

## QC Flag Legend
Processing Flags

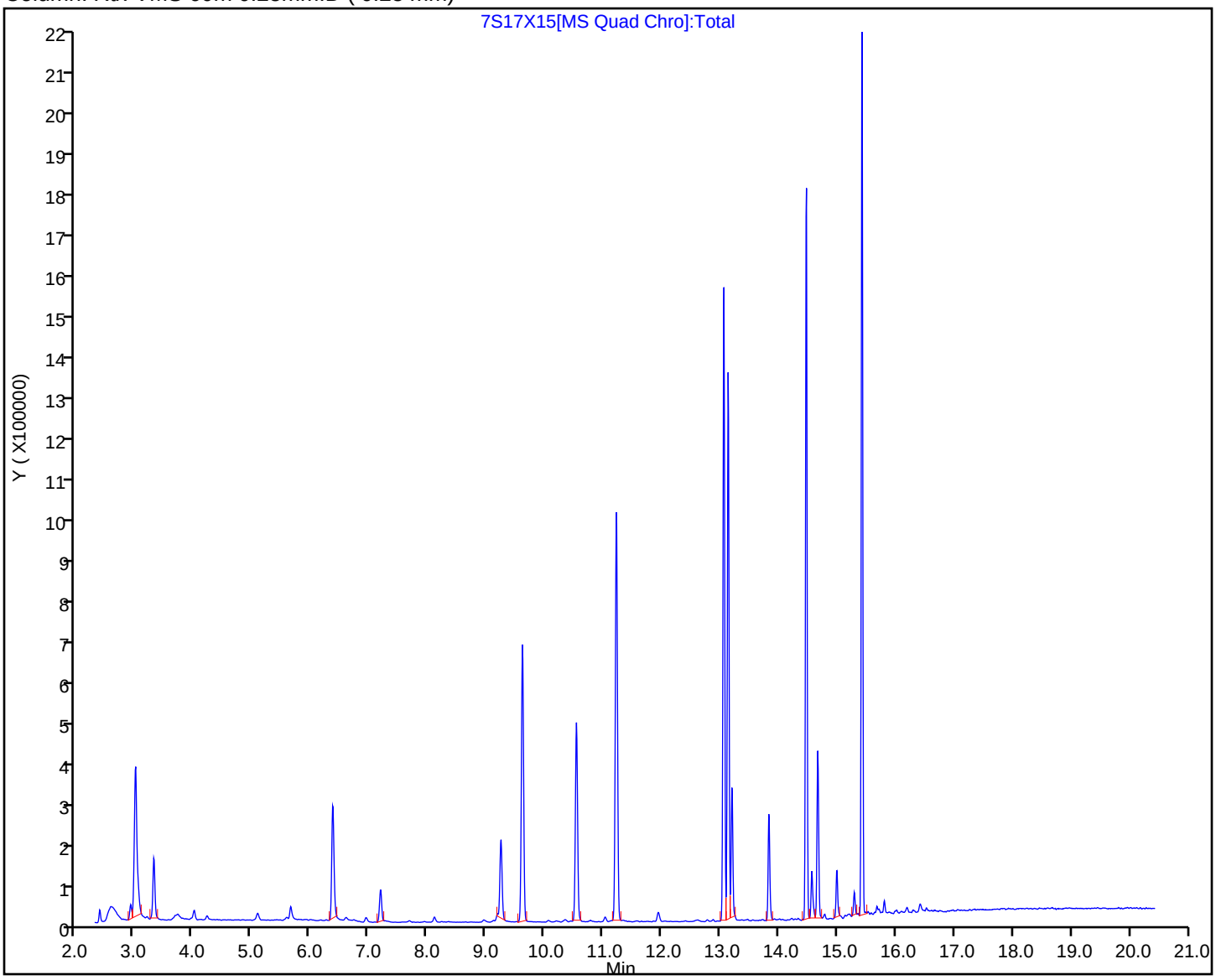
## Reagents:
AIRIS200 ppb_00524 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Sep-2025 11:15:37 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X15.D | | | | |
| Injection Date: | 18-Sep-2025 08:36:28 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 DL | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 16 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 10.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

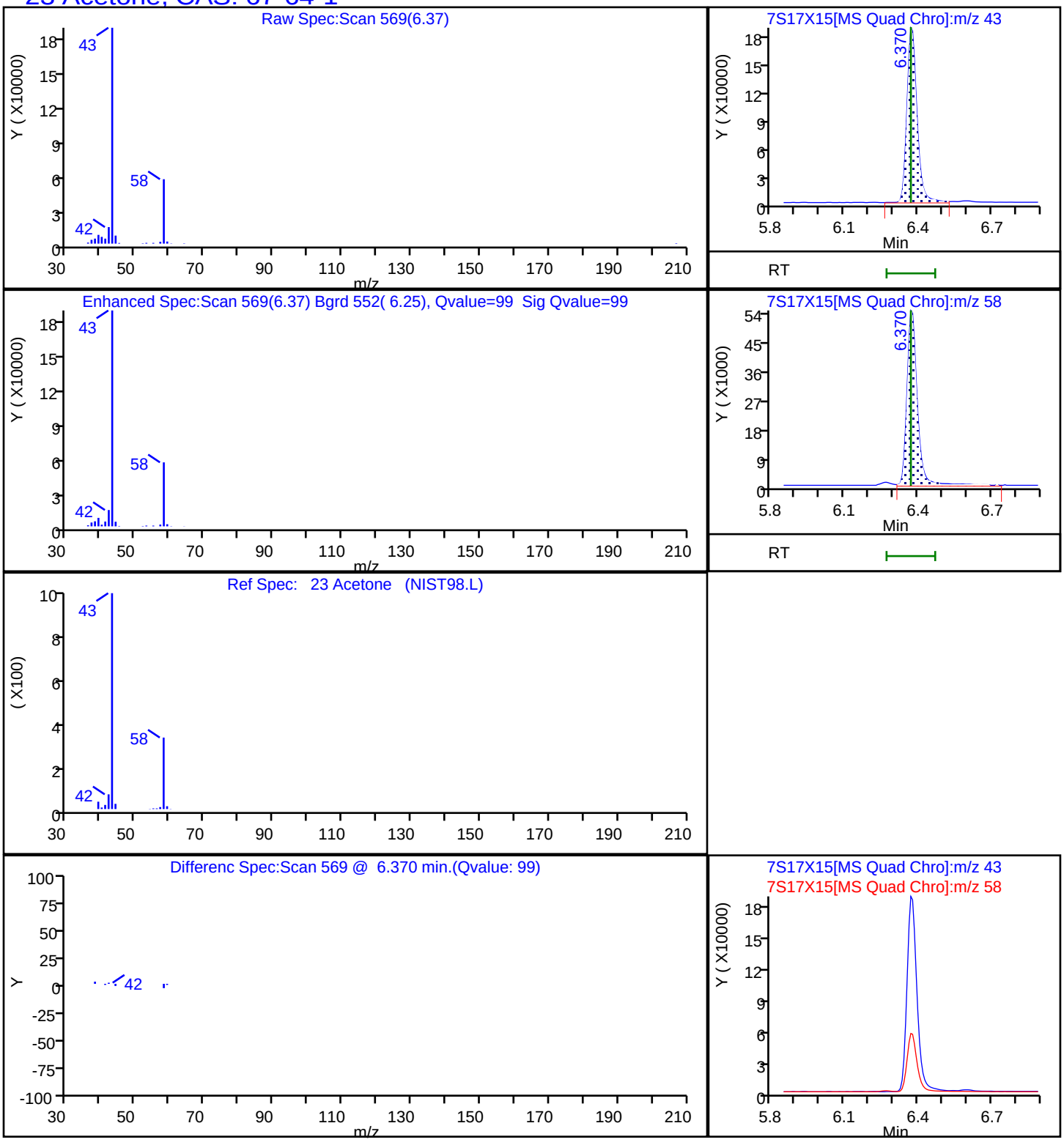
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X15.D | | | | |
| Injection Date: | 18-Sep-2025 08:36:28 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 DL | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 16 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 10.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

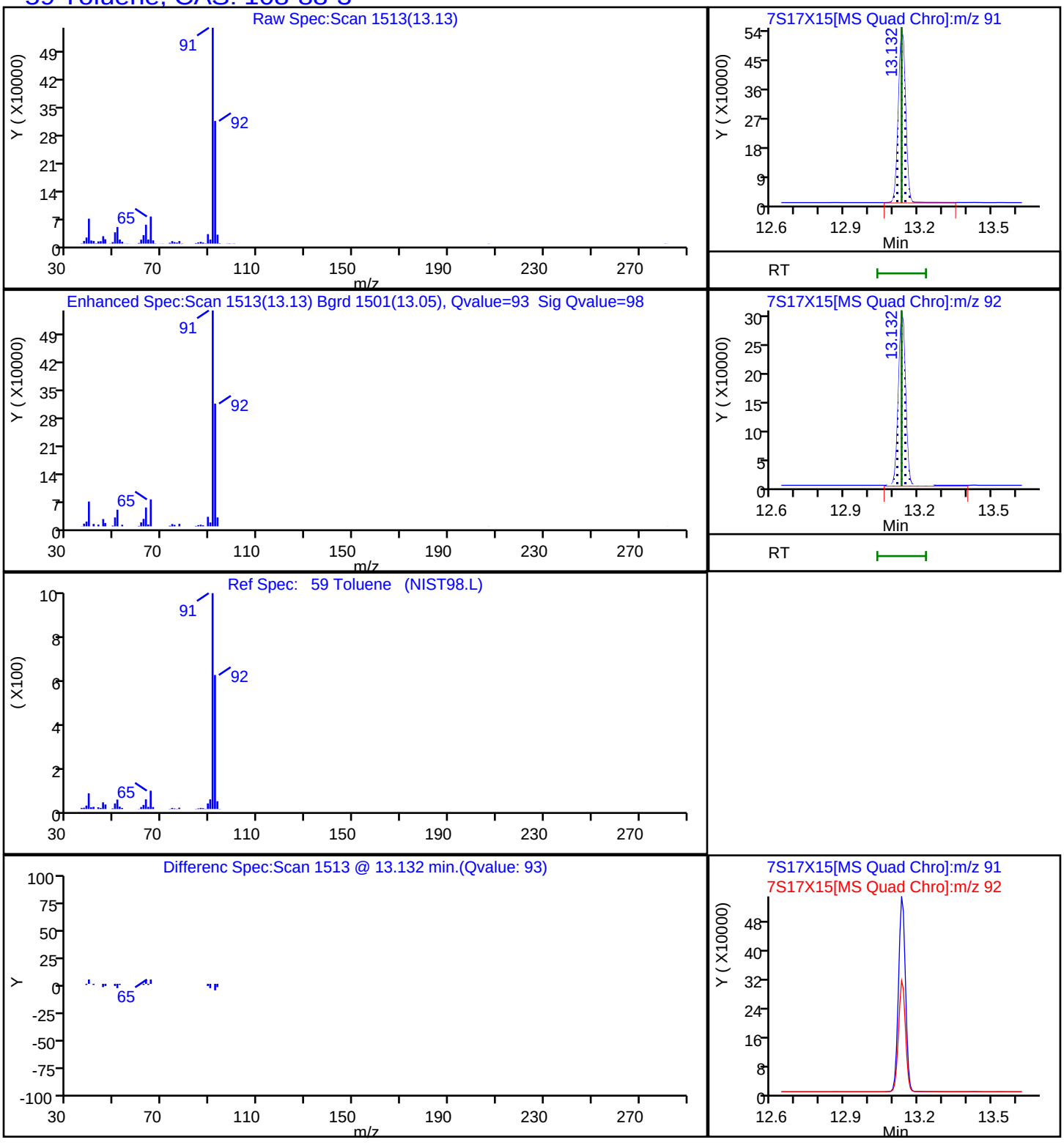
## 23 Acetone, CAS: 67-64-1



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X15.D | | | | |
| Injection Date: | 18-Sep-2025 08:36:28 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-3 DL | Lab Sample ID: | 410-334962-3 | | |
| Client ID: | C241174_BL-IA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 9 | Worklist Smp#: | 16 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 10.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW30D_091325
Lab Sample ID: 460-334962-4

Matrix: Air
Lab File ID: 7S17X12x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:59

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 03:22

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 18 | U *+ | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.61 | J | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 67-64-1 | Acetone | 11 | J | 12 | 3.8 |
| 71-43-2 | Benzene | 0.48 | J | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW30D_091325
Lab Sample ID: 460-334962-4

Matrix: Air
Lab File ID: 7S17X12x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:59

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 03:22

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 1.1 | J | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 1.2 | | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 0.29 | J | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 0.54 | J | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID: C241174_BL-AA01_MW30D_091325
Lab Sample ID: 460-334962-4

Matrix: Air
Lab File ID: 7S17X12x.D

Analysis Method: TO 15 LL
Date Collected: 09/13/2025 13:59

Sample wt/vol: 200(mL)
Date Analyzed: 09/18/2025 03:22

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-65-0 | tert-Butyl alcohol | 15 | U *+ | 15 | 3.6 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 108-88-3 | Toluene | 1.1 | | 0.75 | 0.16 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 1.3 | | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D
Lims ID: 460-334962-A-4
Client ID: C241174_BL-AA01_MW30P_091325
Sample Type: Client
Inject. Date: 18-Sep-2025 03:22:25 ALS Bottle#: 10 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-334962-A-4
Misc. Info.: 410-0160073-013
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 19-Sep-2025 11:15:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 19-Sep-2025 09:07:44

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 82 | 32406 | 0.4621 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 39 | 12339 | 0.3108 | |
| 5 Chloromethane | 50 | 3.777 | 3.770 | 0.007 | 87 | 15018 | 0.5980 | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 76 | 14309 | 0.2240 | |
| 23 Acetone | 43 | 6.377 | 6.370 | 0.007 | 98 | 220183 | 4.83 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.585 | 0.014 | 94 | 21813 | 0.6461 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.194 | 0.007 | 77 | 4222 | 0.1745 | |
| 25 Hexane | 56 | 8.104 | 8.118 | -0.007 | 79 | 3661 | 0.1544 | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 89 | 6660 | 0.5135 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 306985 | 10.0 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 47 | 3684 | 0.0841 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 42 | 13377 | 0.1513 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 90 | 17775 | 0.1313 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1093624 | 10.0 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 72 | 32277 | 0.3033 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 88 | 1033461 | 10.0 | |
| $ 110 BFB | | | | | | | | |

## QC Flag Legend

Processing Flags

## Reagents:

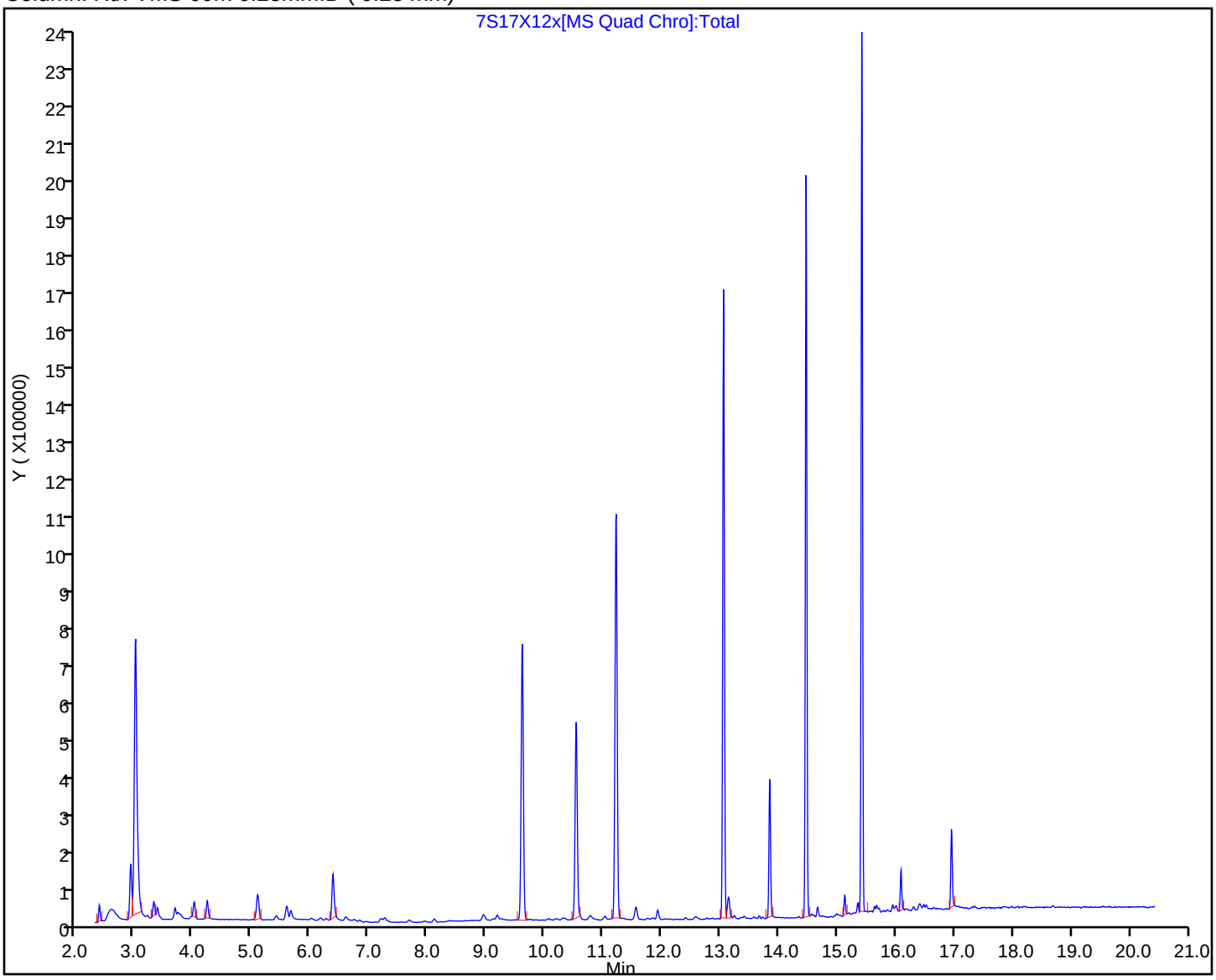
AIRIS200 ppb_00524 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Sep-2025 11:25:52 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

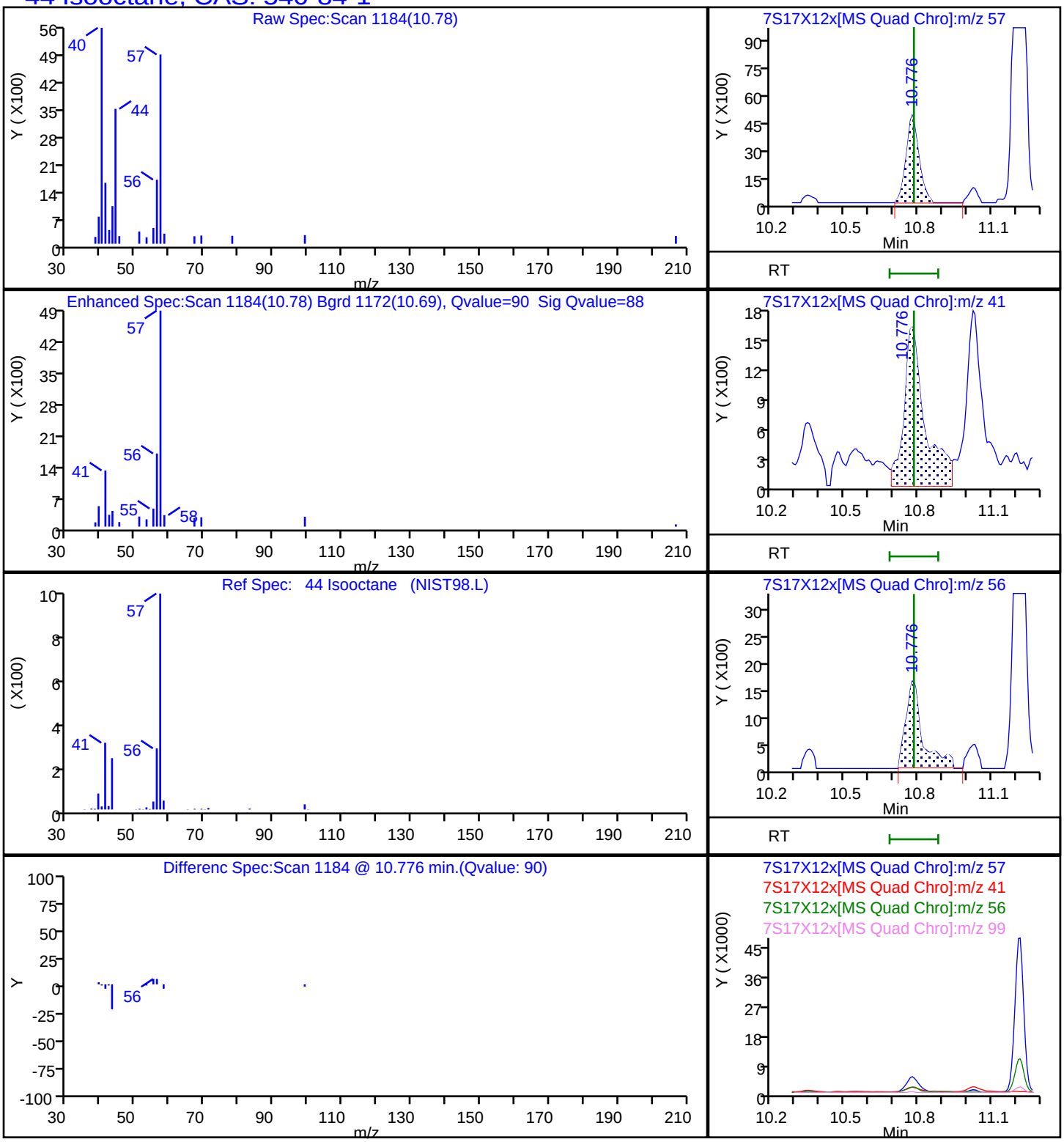
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

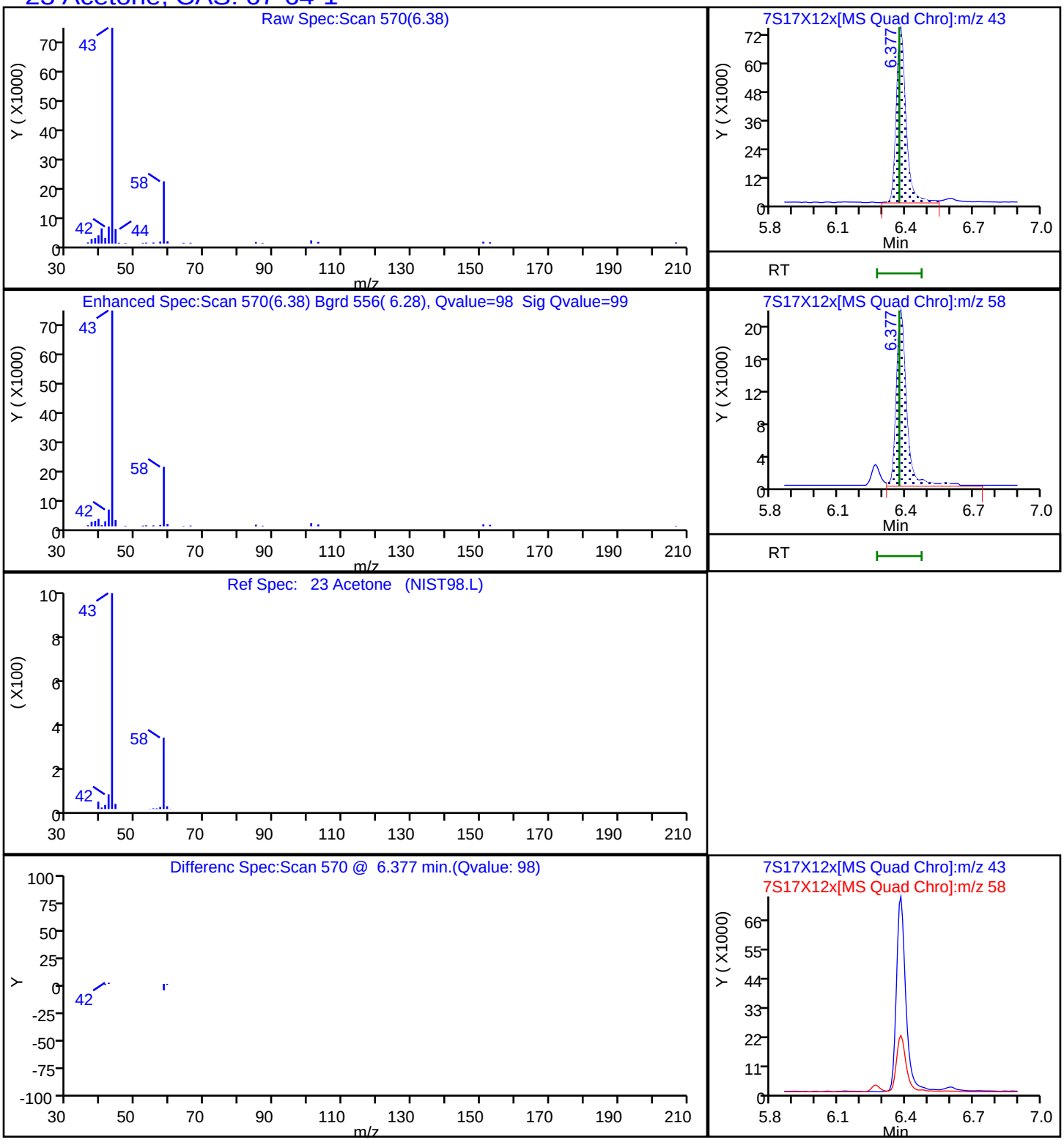
## 44 Isooctane, CAS: 540-84-1



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



Eurofins Lancaster Laboratories Environment Testing, LLC

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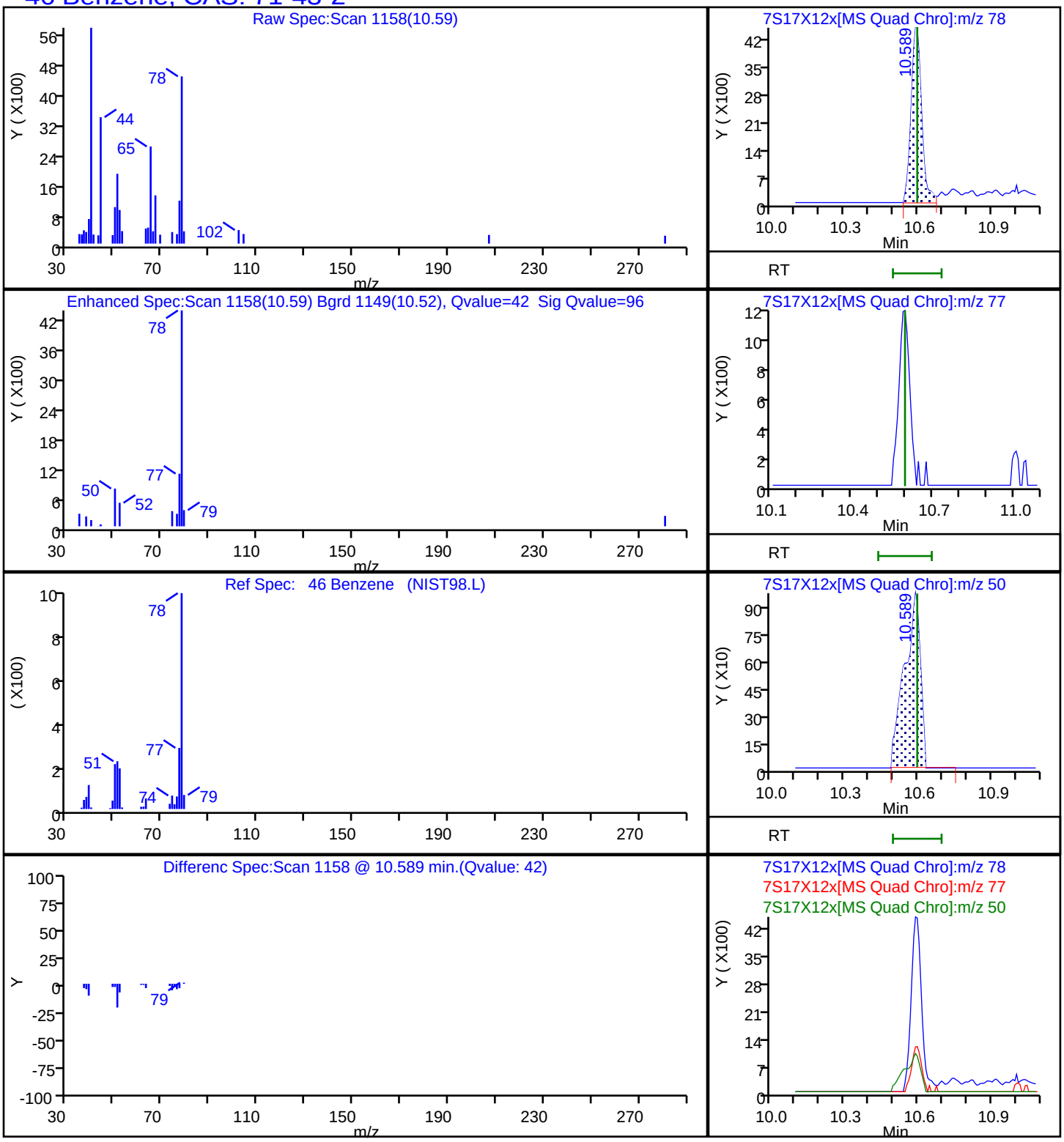
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



Eurofins Lancaster Laboratories Environment Testing, LLC

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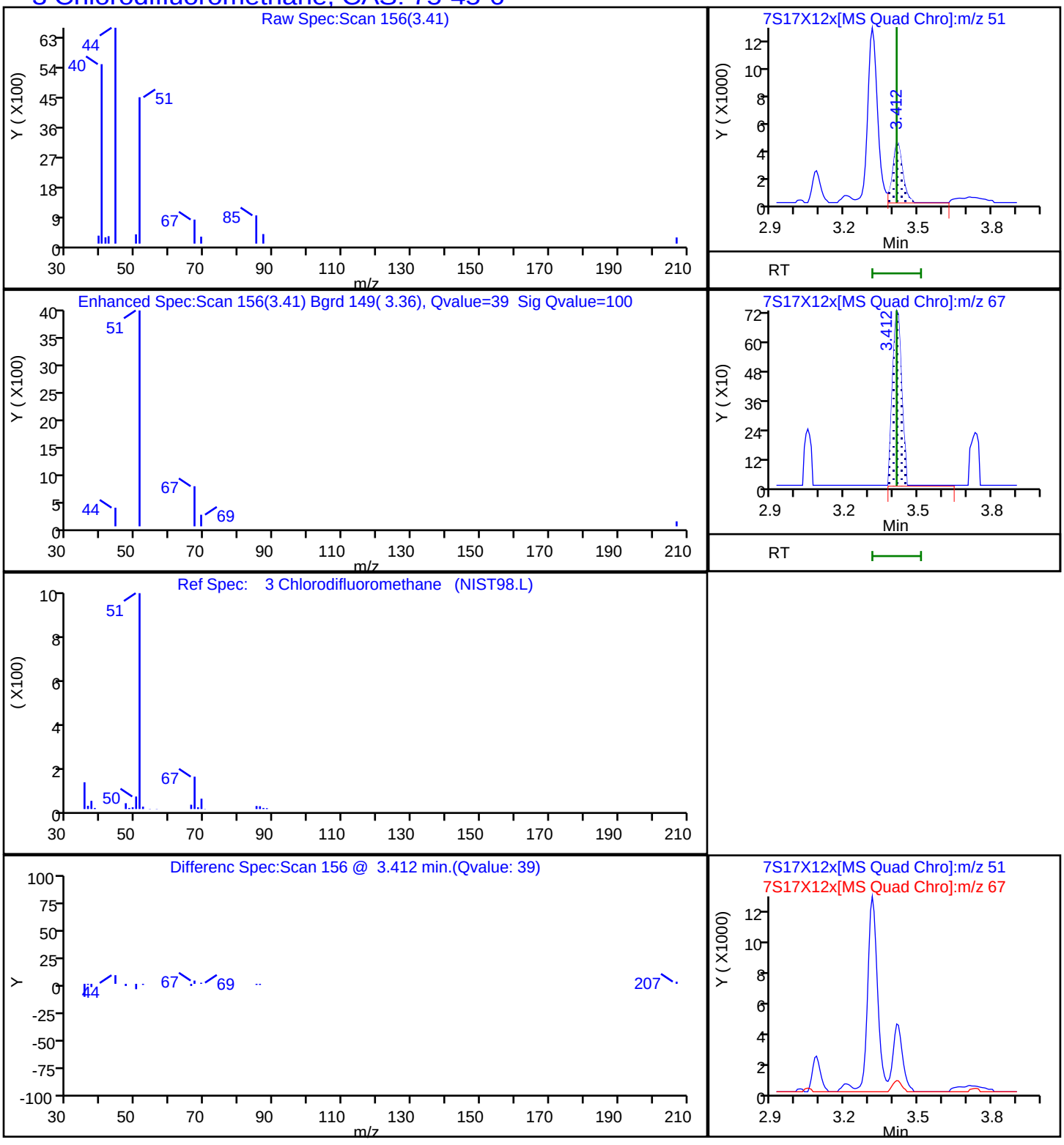
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins Lancaster Laboratories Environment Testing, LLC

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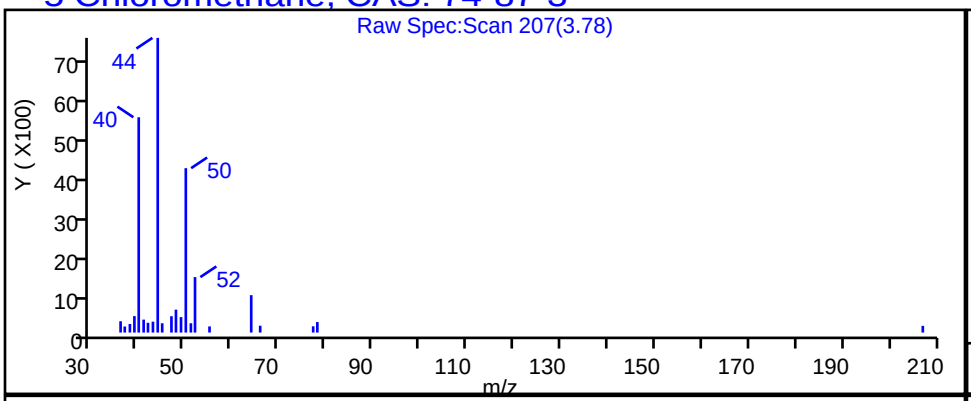
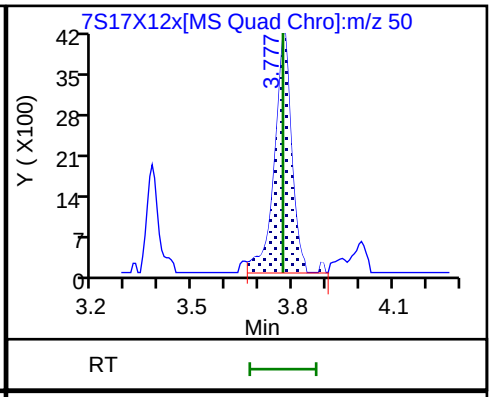
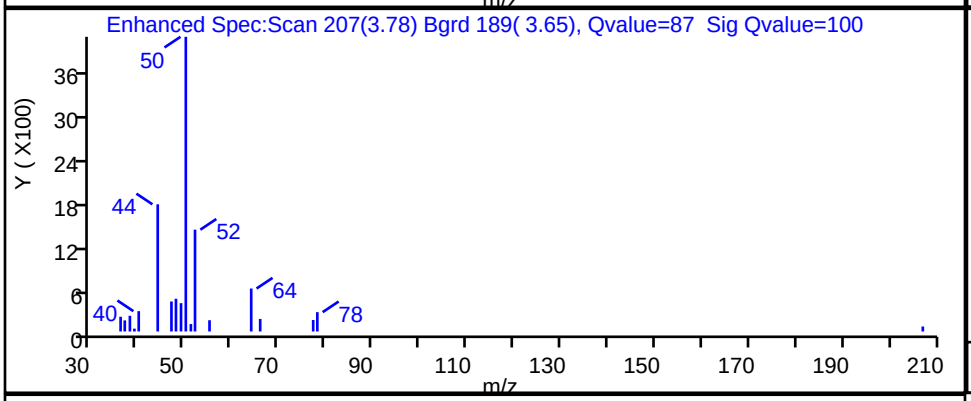
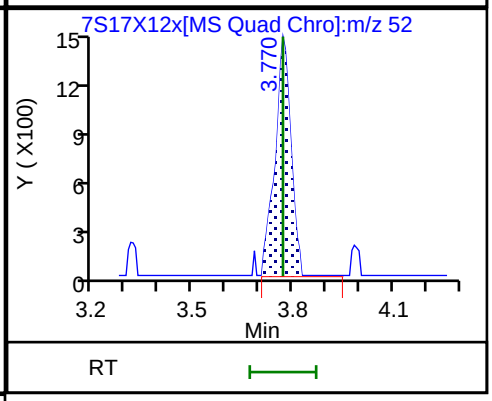
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

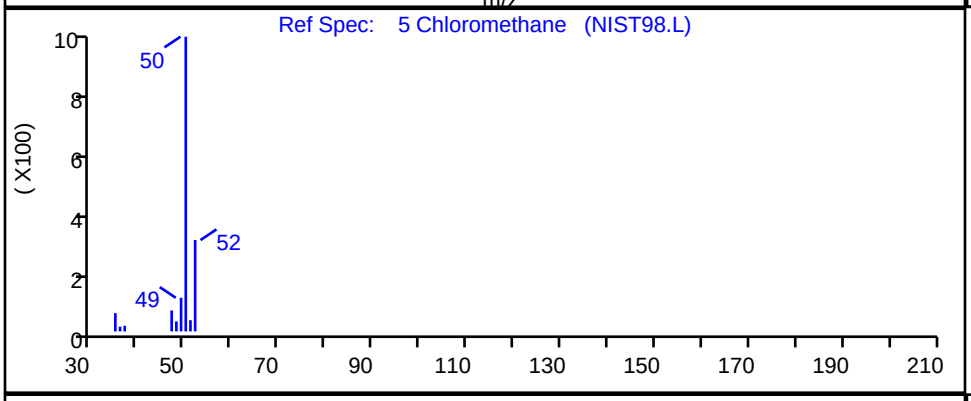
## 5 Chloromethane, CAS: 74-87-3

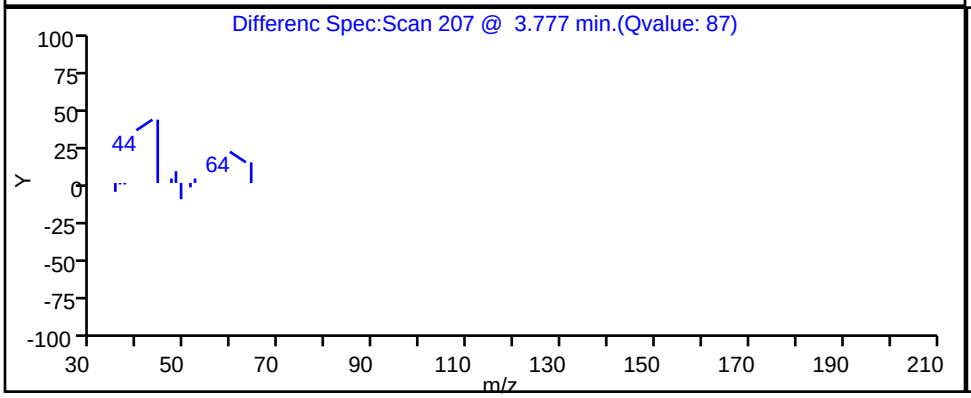


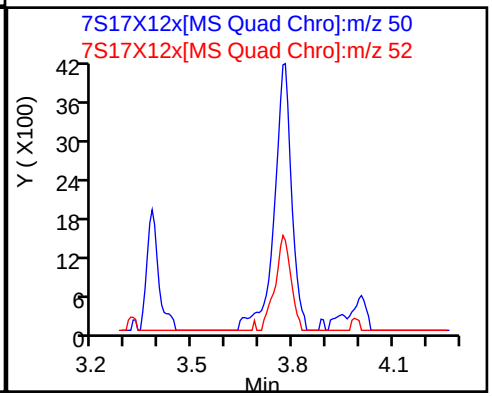



Report Date: 19-Sep-2025 11:25:53 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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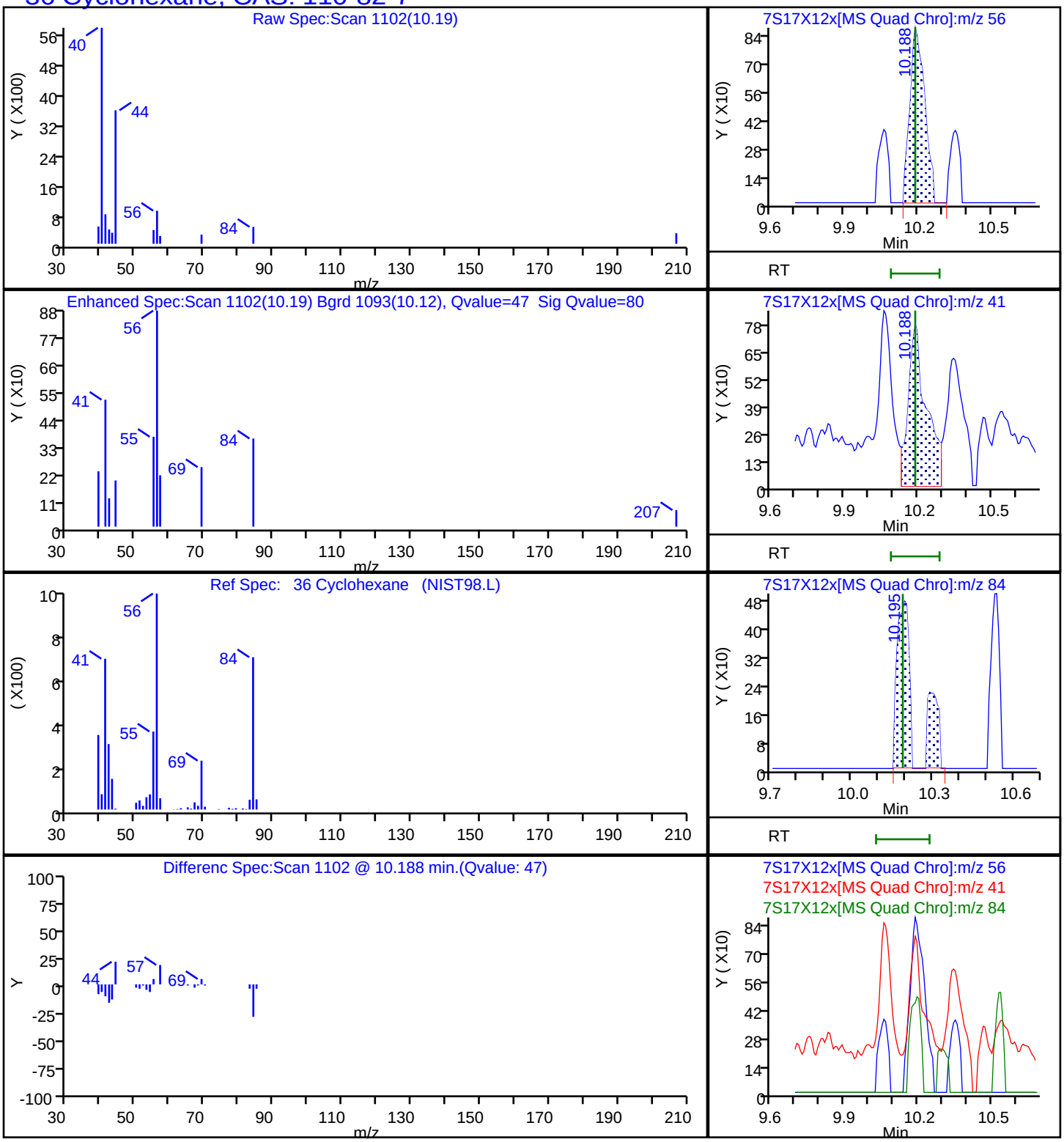
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



Eurofins Lancaster Laboratories Environment Testing, LLC

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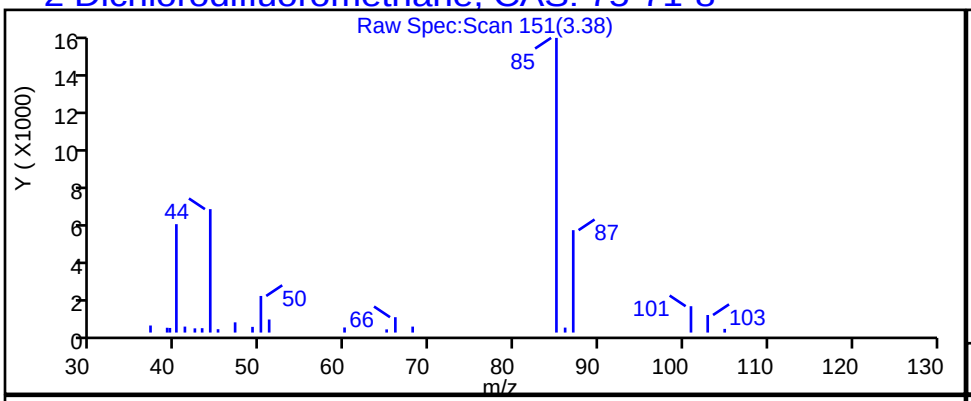
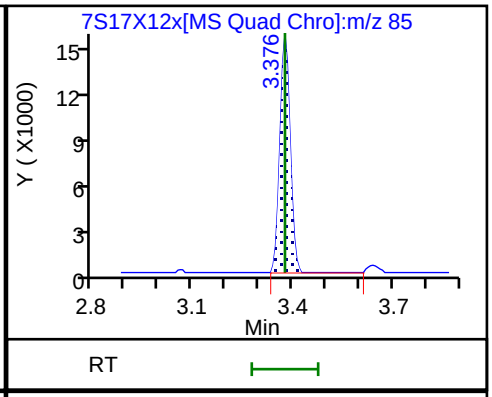
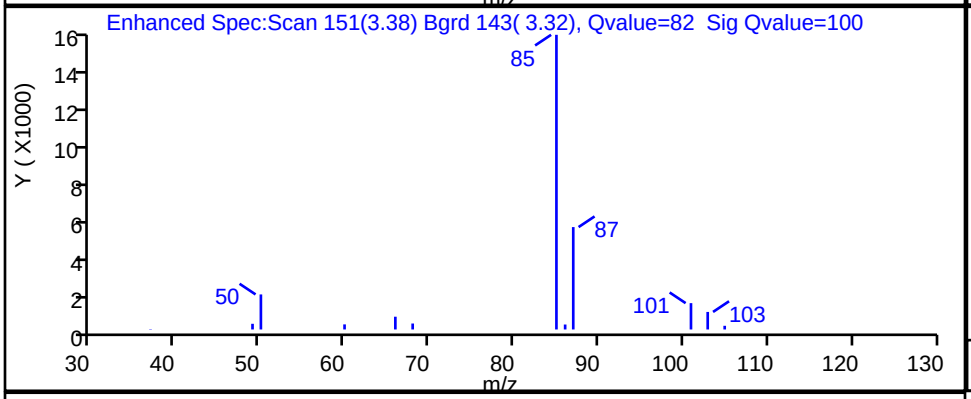
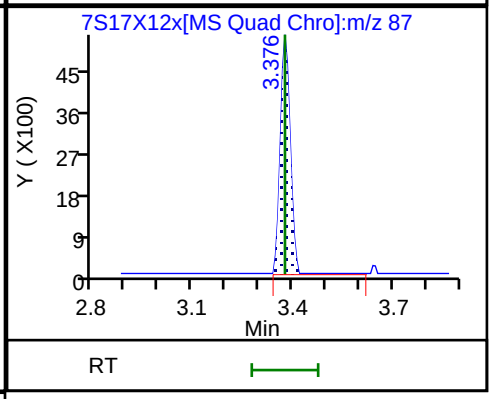
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

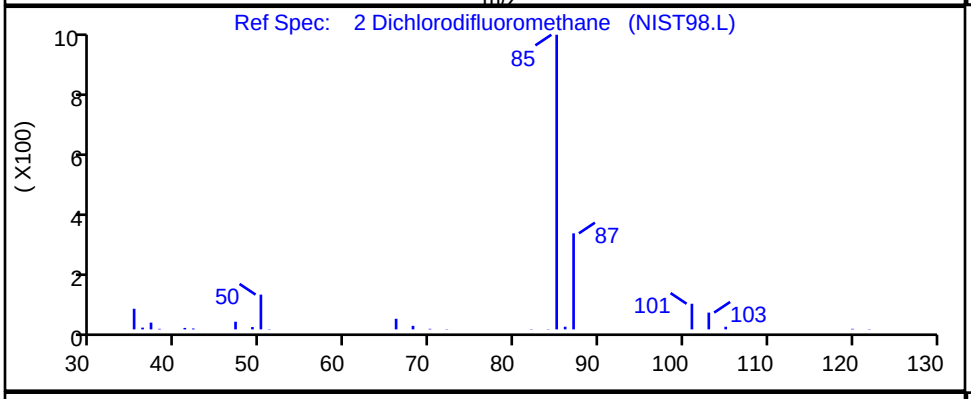
## 2 Dichlorodifluoromethane, CAS: 75-71-8

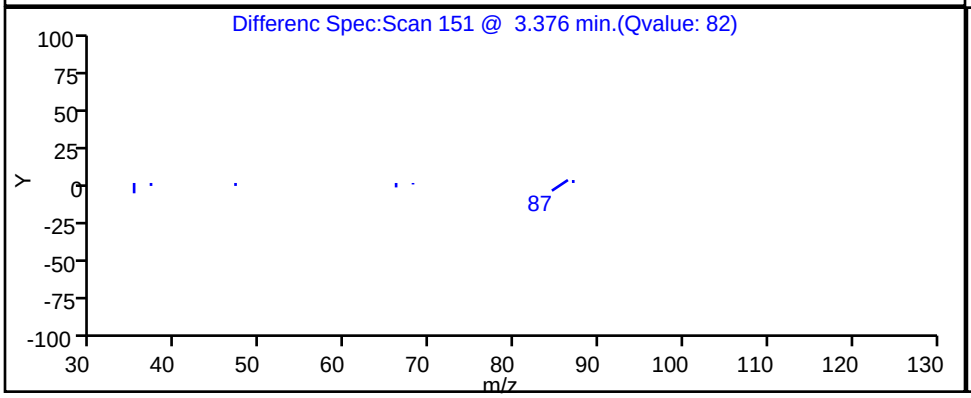


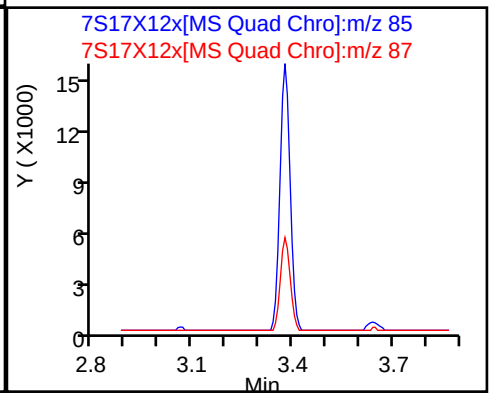



Report Date: 19-Sep-2025 11:25:53 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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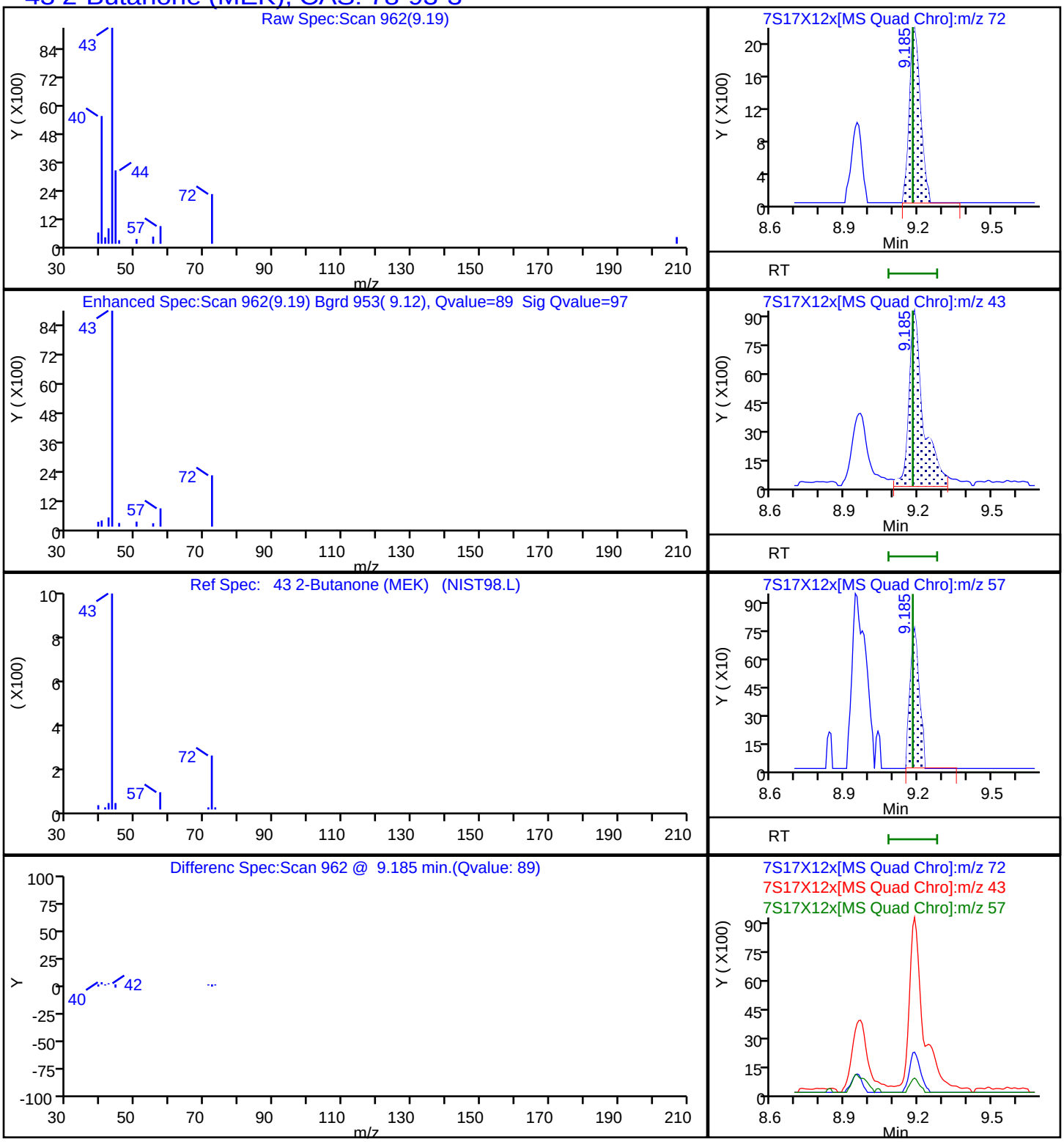
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3






10/15/2025
2:50:47 PM

Report Date: 19-Sep-2025 11:25:53 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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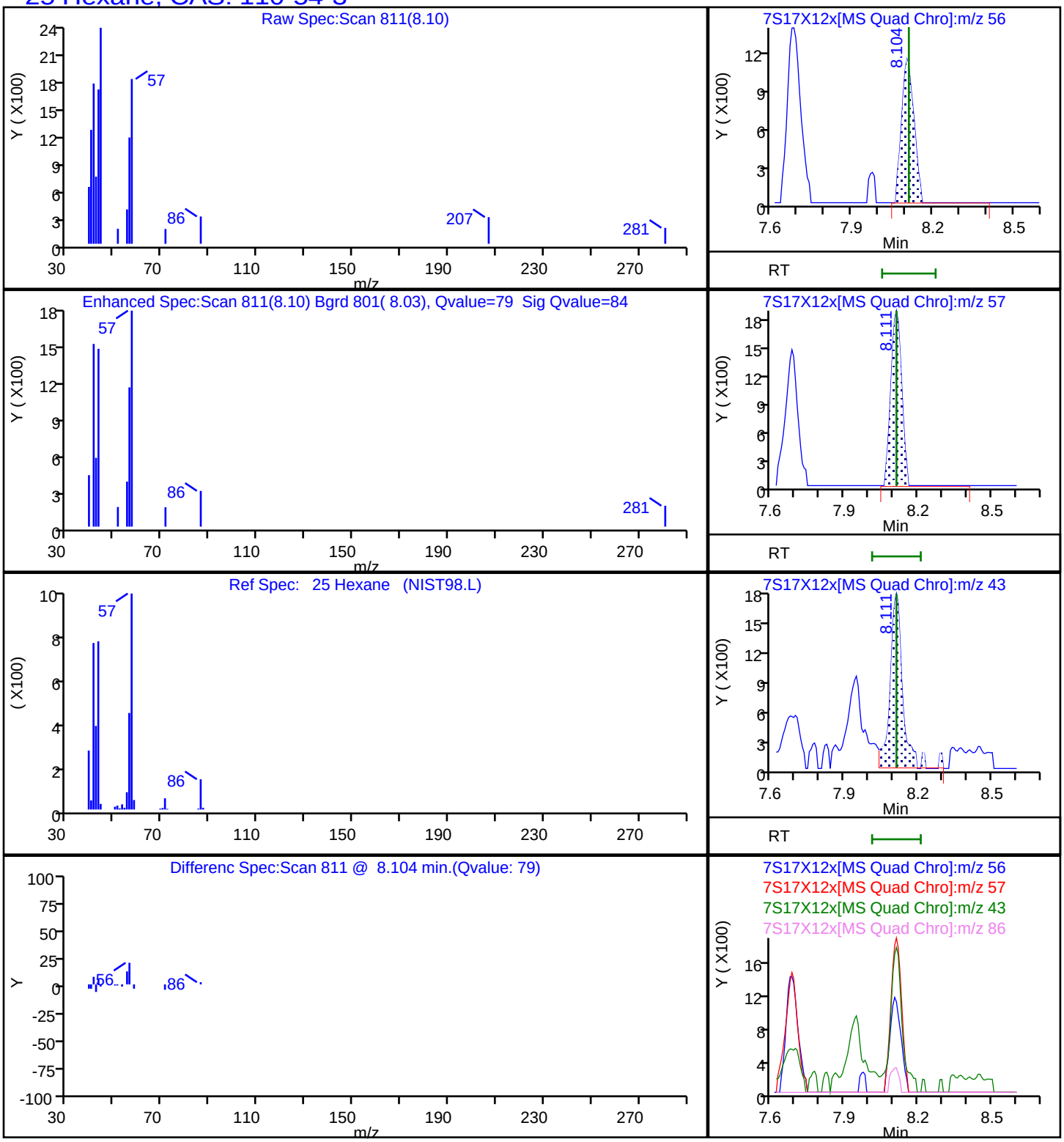
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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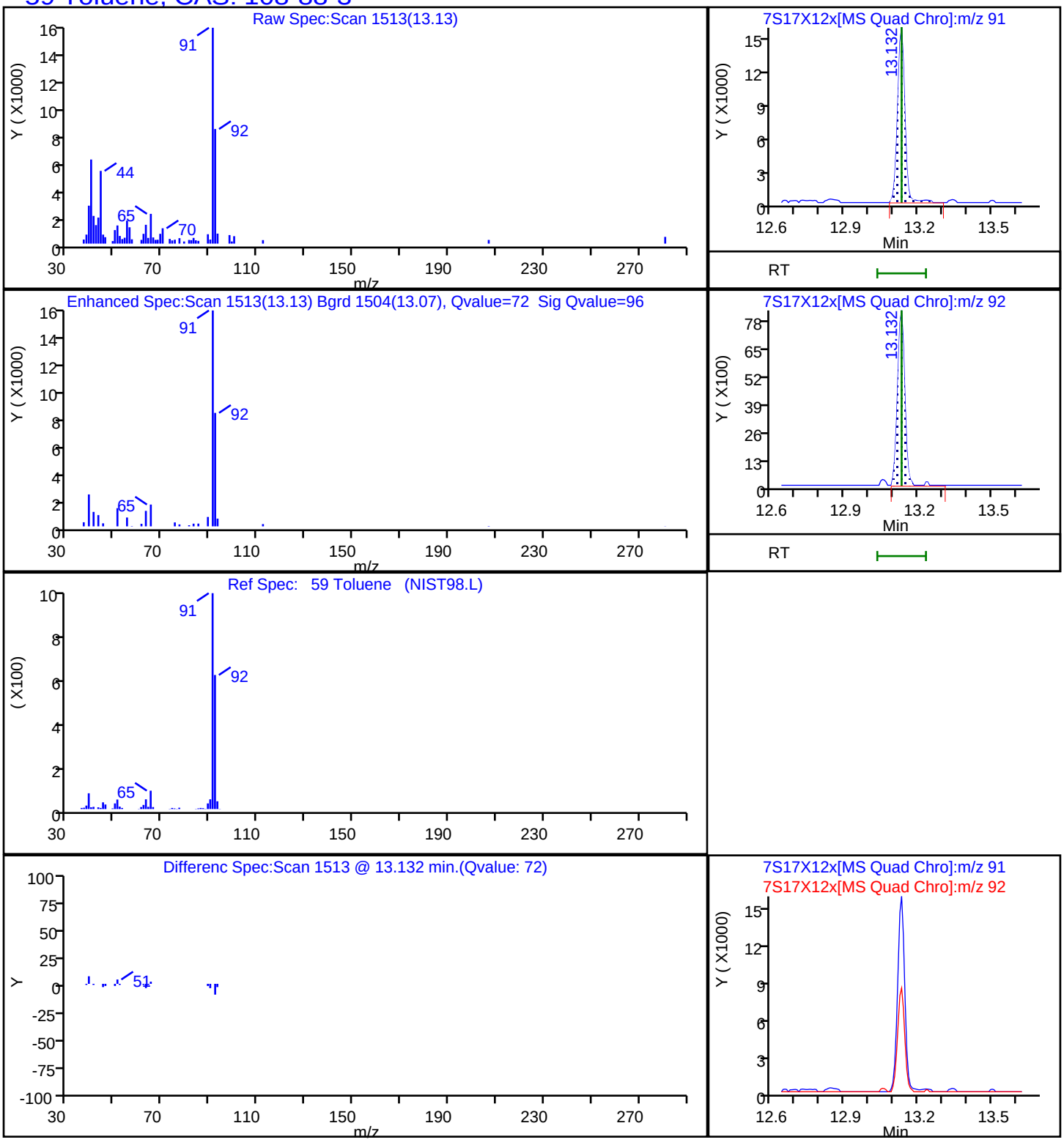
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



Eurofins Lancaster Laboratories Environment Testing, LLC

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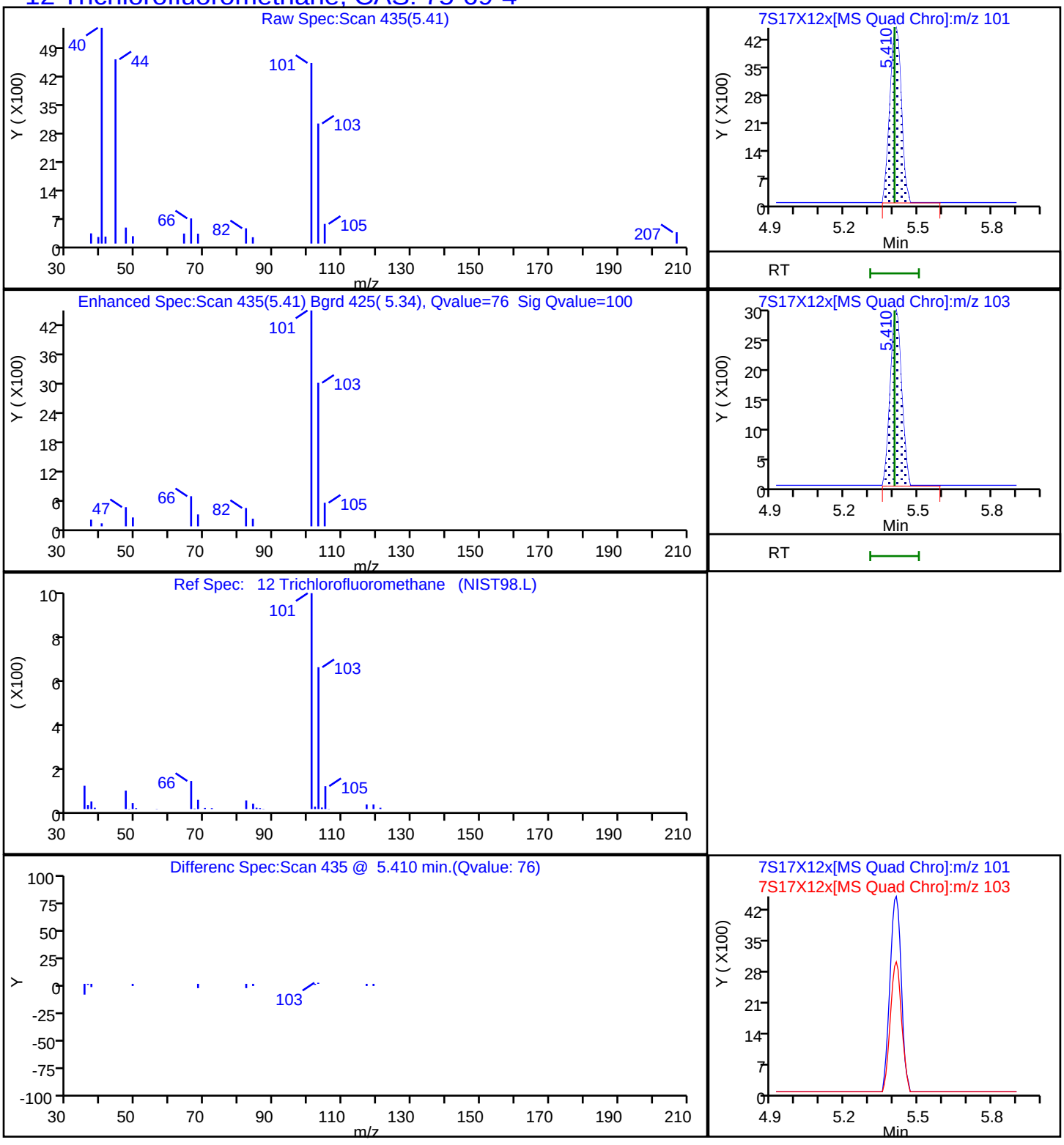
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4



User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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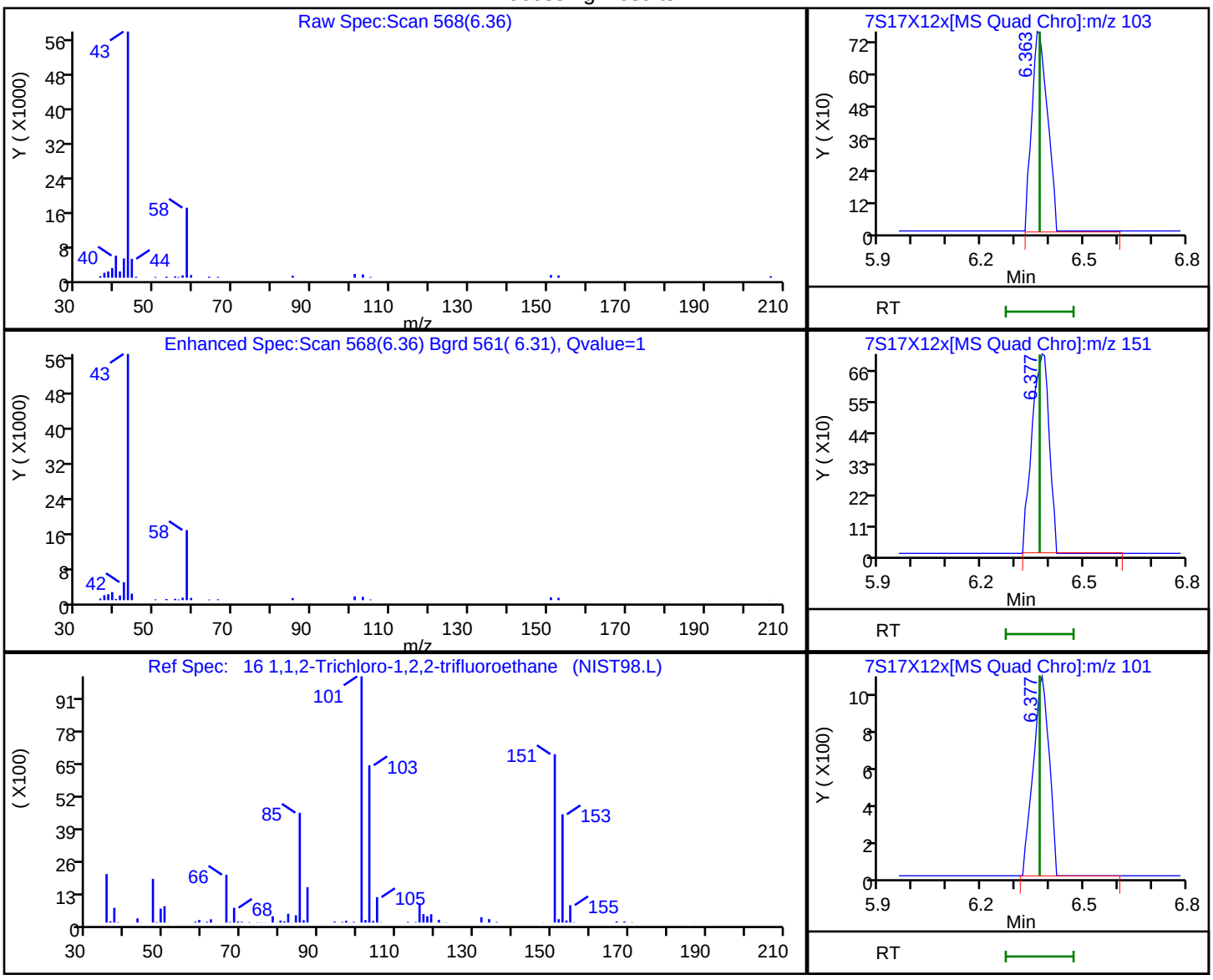
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.36 | 103.00 | 2420 | 0.075959 |
| 6.38 | 151.00 | 2505 | |
| 6.38 | 101.00 | 3512 | |

Reviewer: D7UM, 19-Sep-2025 09:07:09 -04:00:00 (UTC)

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

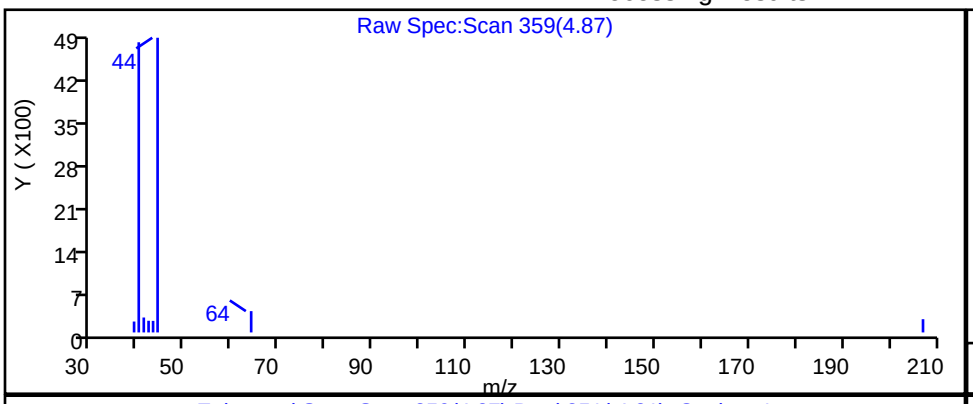
User Disabled Compound Report

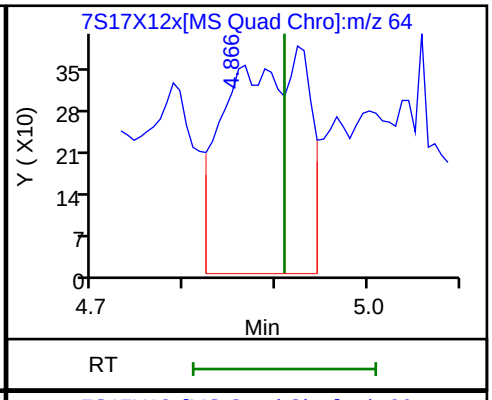
Eurofins Lancaster Laboratories Environment Testing, LLC

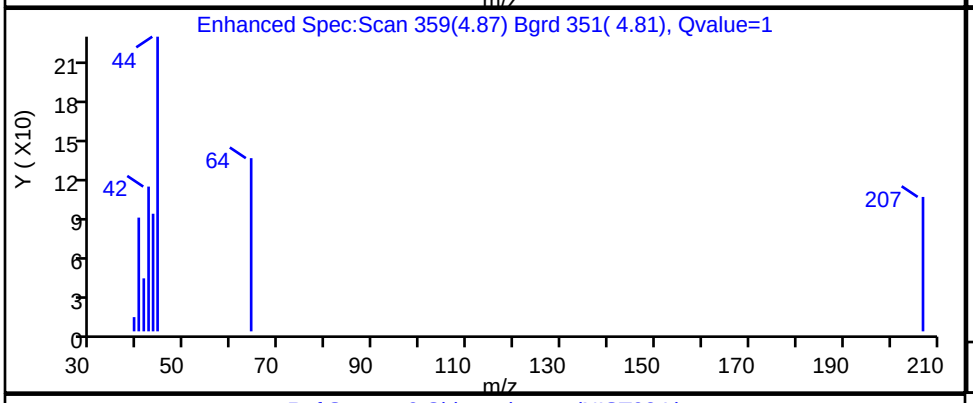
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X12x.D | | | | |
| Injection Date: | 18-Sep-2025 03:22:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-334962-A-4 | Lab Sample ID: | 410-334962-4 | | |
| Client ID: | C241174_BL-AA01_MW30P_091325 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 10 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

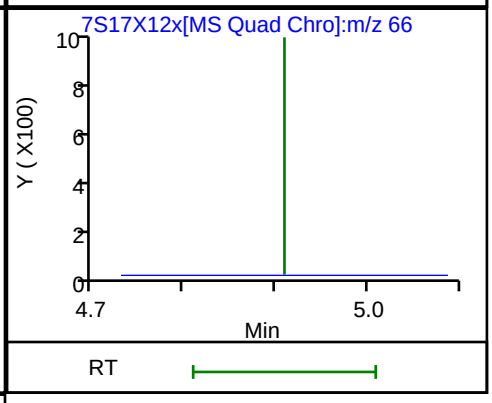
## 9 Chloroethane, CAS: 75-00-3

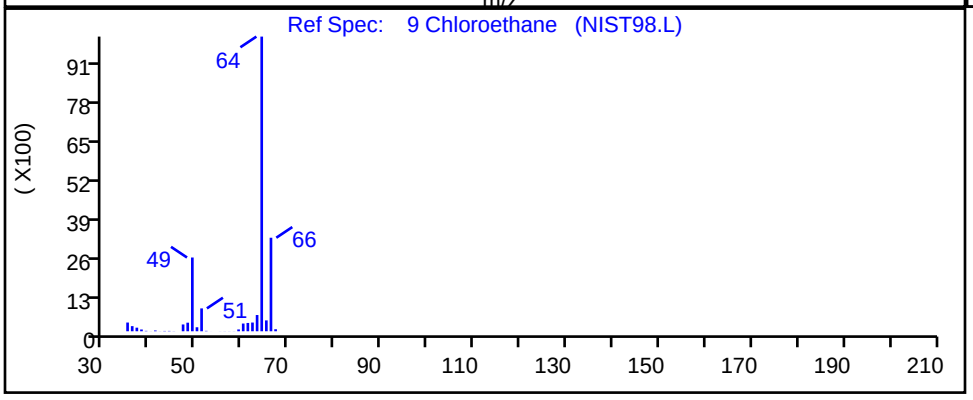
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.87 | 64.00 | 2288 | 0.148169 |
| 4.91 | 66.00 | 0 | |

Reviewer: D7UM, 19-Sep-2025 09:07:05 -04:00:00 (UTC)

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

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-695447/3 | 7S07X03.D |
| Level 2 | IC 410-695447/4 | 7S07X04.D |
| Level 3 | IC 410-695447/5 | 7S07X05.D |
| Level 4 | IC 410-695447/6 | 7S07X06.D |
| Level 5 | IC 410-695447/7 | 7S07X07.D |
| Level 6 | ICISAV 410-695447/8 | 7S07X08.D |
| Level 7 | IC 410-695447/9 | 7S07X09.D |
| Level 8 | IC 410-695447/10 | 7S07X10.D |
| Level 9 | IC 410-695447/11 | 7S07X11.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | 2.7276 2.2170 | 2.1733 2.2685 | 2.4048 2.2187 | 2.2574 2.1038 | 2.1897 | Ave | | 2.2845 | | | | 8.1 | | 30.0 | | | |
| Chlorodifluoromethane | 1.1965 1.3450 | 1.4379 1.3939 | 1.5327 1.3736 | 0.9142 1.3331 | 1.1121 | Ave | | 1.2932 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | 1.7321 2.1871 | 2.0051 2.2659 | 2.3621 2.2097 | 1.5174 2.1399 | 1.8718 | Ave | | 2.0323 | | | | 13.6 | | 30.0 | | | |
| Chloromethane | +++++ 0.8359 | +++++ 0.8418 | 1.1396 0.8143 | 0.6180 0.7811 | 0.6959 | Ave | | 0.8181 | | | | 20.0 | | 30.0 | | | |
| n-Butane | 2.2485 1.3299 | 1.8879 1.3614 | 1.4950 1.3665 | 1.4805 1.3017 | 1.3473 | Ave | | 1.5354 | | | | 21.0 | | 30.0 | | | |
| Vinyl chloride | 0.7403 0.8761 | 0.8665 0.9256 | 0.9262 0.9035 | 0.6472 0.8739 | 0.7364 | Ave | | 0.8328 | | | | 12.0 | | 30.0 | | | |
| 1,3-Butadiene | 0.5826 0.6334 | 0.7445 0.6764 | 0.6240 0.6851 | 0.6113 0.6618 | 0.5920 | Ave | | 0.6457 | | | | 8.0 | | 30.0 | | | |
| Bromomethane | +++++ 0.6094 | 0.6213 0.6052 | 0.6467 0.6308 | 0.6368 0.6076 | 0.6053 | Ave | | 0.6204 | | | | 2.6 | | 30.0 | | | |
| Chloroethane | +++++ 0.4423 | 0.6261 0.4625 | 0.5361 0.4530 | 0.5509 0.4330 | 0.5202 | Ave | | 0.5030 | | | | 13.3 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | 0.9449 0.7513 | 0.9055 0.7741 | 0.8529 0.7815 | 0.7454 0.7572 | 0.7492 | Ave | | 0.8069 | | | | 9.3 | | 30.0 | | | |
| Trichlorofluoromethane | 1.9548 2.1046 | 2.0802 2.1487 | 2.1680 2.1195 | 2.0474 2.0059 | 2.1026 | Ave | | 2.0813 | | | | 3.3 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.5889 1.2867 | 1.6229 1.3426 | 1.4572 1.3416 | 1.4063 1.2894 | 1.3364 | Ave | | 1.4080 | | | | 8.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,2-Trichlorotrifluoroethane | 1.3710<br>1.0252 | 1.0245<br>1.0482 | 1.1263<br>1.0052 | 0.8441<br>0.9771 | 0.9188 | Ave | | 1.0378 | | | | 14.3 | | 30.0 | | | |
| Acetone | +++++<br>1.3737 | +++++<br>1.4089 | 1.8921<br>1.4168 | 1.5116<br>1.3400 | 1.4585 | Ave | | 1.4859 | | | | 12.6 | | 30.0 | | | |
| Isopropyl alcohol | +++++<br>0.9524 | 1.1459<br>1.0828 | 1.2837<br>1.0782 | 1.2005<br>1.0355 | 1.0194 | Ave | | 1.0998 | | | | 9.7 | | 30.0 | | | |
| Carbon disulfide | 3.7423<br>2.7040 | 3.6533<br>2.7722 | 3.0923<br>2.6970 | 2.8183<br>2.5618 | 2.7654 | Ave | | 2.9785 | | | | 14.5 | | 30.0 | | | |
| 3-Chloropropene | +++++<br>1.1422 | 2.2094<br>1.1775 | 1.4069<br>1.2236 | 1.4151<br>1.1712 | 1.2241 | Ave | | 1.3712 | | | | 25.8 | | 30.0 | | | |
| Methylene Chloride | +++++<br>0.7170 | 1.0882<br>0.7194 | 0.8773<br>0.7152 | 0.7795<br>0.6815 | 0.7268 | Ave | | 0.7881 | | | | 17.2 | | 30.0 | | | |
| tert-Butyl alcohol | +++++<br>0.9334 | 0.8375<br>1.0368 | 0.9179<br>1.0521 | 0.7426<br>1.0074 | 0.7697 | Ave | | 0.9122 | | | | 13.1 | | 30.0 | | | |
| Methyl tert-butyl ether | 2.0752<br>2.1555 | 2.3187<br>2.2820 | 2.2511<br>2.3214 | 1.8072<br>2.2643 | 1.9252 | Ave | | 2.1556 | | | | 8.6 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.5612<br>1.3836 | 1.8110<br>1.4324 | 1.4941<br>1.4393 | 1.5521<br>1.3619 | 1.4383 | Ave | | 1.4971 | | | | 9.1 | | 30.0 | | | |
| n-Hexane | 1.0388<br>0.7082 | 0.7667<br>0.7084 | 0.7744<br>0.7291 | 0.7789<br>0.6850 | 0.7607 | Ave | | 0.7723 | | | | 13.7 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.1089<br>1.6388 | 2.0147<br>1.6617 | 1.8747<br>1.6853 | 2.0717<br>1.5736 | 1.7980 | Ave | | 1.8252 | | | | 11.0 | | 30.0 | | | |
| Methyl Ethyl Ketone (2-Butanone) | +++++<br>0.4274 | +++++<br>0.4432 | 0.3907<br>0.4606 | 0.4052<br>0.4403 | 0.3900 | Ave | | 0.4225 | | | | 6.5 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.9681<br>1.5504 | 1.9907<br>1.5876 | 1.6700<br>1.6220 | 1.7265<br>1.5324 | 1.6417 | Ave | | 1.6988 | | | | 10.0 | | 30.0 | | | |
| Tetrahydrofuran | +++++<br>1.1053 | 1.7263<br>1.1138 | 1.1721<br>1.1548 | 1.2111<br>1.1000 | 1.1984 | Ave | | 1.2227 | | | | 17.0 | | 30.0 | | | |
| Chloroform | 2.4483<br>1.8394 | 2.3872<br>1.8594 | 1.9399<br>1.8886 | 2.2382<br>1.7773 | 2.0395 | Ave | | 2.0464 | | | | 12.2 | | 30.0 | | | |
| 1,1,1-Trichloroethane | 2.1546<br>1.7263 | 1.9102<br>1.7195 | 1.9004<br>1.7472 | 1.7508<br>1.6752 | 1.6637 | Ave | | 1.8053 | | | | 8.7 | | 30.0 | | | |
| Cyclohexane | 1.5167<br>1.3602 | 1.5773<br>1.4412 | 1.4598<br>1.4854 | 1.2762<br>1.4480 | 1.2803 | Ave | | 1.4272 | | | | 7.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbon tetrachloride | 1.6960<br>1.6618 | 1.5034<br>1.6969 | 1.6748<br>1.7572 | 1.7375<br>1.6898 | 1.6228 | Ave | | 1.6711 | | | | 4.4 | | 30.0 | | | |
| Benzene | 1.0603<br>0.7200 | 0.8850<br>0.7225 | 0.8293<br>0.7329 | 0.8636<br>0.7010 | 0.7613 | Ave | | 0.8084 | | | | 14.3 | | 30.0 | | | |
| 1,2-Dichloroethane | 0.4305<br>0.3407 | 0.4239<br>0.3388 | 0.3674<br>0.3426 | 0.4104<br>0.3250 | 0.3760 | Ave | | 0.3728 | | | | 10.7 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | 1.4010<br>1.2103 | 1.2583<br>1.2505 | 1.2227<br>1.2762 | 1.1571<br>1.2376 | 1.1230 | Ave | | 1.2374 | | | | 6.3 | | 30.0 | | | |
| n-Heptane | 0.2441<br>0.2382 | 0.2632<br>0.2466 | 0.2303<br>0.2591 | 0.2390<br>0.2527 | 0.2273 | Ave | | 0.2445 | | | | 5.0 | | 30.0 | | | |
| Trichloroethene | 0.4926<br>0.2768 | 0.3468<br>0.2803 | 0.2961<br>0.2868 | 0.3393<br>0.2790 | 0.2990 | Ave | | 0.3218 | | | | 21.4 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++<br>0.3048 | 0.4163<br>0.3071 | 0.3525<br>0.3157 | 0.3654<br>0.3028 | 0.3273 | Ave | | 0.3365 | | | | 11.8 | | 30.0 | | | |
| Methyl methacrylate | +++++<br>0.2492 | 0.2212<br>0.2643 | 0.2549<br>0.2840 | 0.2449<br>0.2810 | 0.2434 | Ave | | 0.2554 | | | | 8.1 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.1116 | 0.1280<br>0.1198 | 0.1184<br>0.1212 | 0.0717<br>0.1183 | 0.0850 | Ave | | 0.1093 | | | | 18.2 | | 30.0 | | | |
| Bromodichloromethane | 0.7836<br>0.5385 | 0.5858<br>0.5314 | 0.5809<br>0.5462 | 0.6548<br>0.5267 | 0.5551 | Ave | | 0.5892 | | | | 14.1 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.4710<br>0.4395 | 0.5550<br>0.4463 | 0.4661<br>0.4763 | 0.4927<br>0.4683 | 0.4454 | Ave | | 0.4734 | | | | 7.4 | | 30.0 | | | |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.7265<br>0.6031 | 0.7091<br>0.6364 | 0.6904<br>0.6654 | 0.4363<br>0.6474 | 0.4897 | Ave | | 0.6227 | | | | 15.9 | | 30.0 | | | |
| Toluene | +++++<br>0.9520 | 1.2179<br>0.9428 | 1.0987<br>0.9744 | 1.1021<br>0.9346 | 1.0145 | Ave | | 1.0296 | | | | 9.8 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4330<br>0.3849 | 0.4502<br>0.3935 | 0.3947<br>0.4230 | 0.4085<br>0.4199 | 0.4082 | Ave | | 0.4129 | | | | 5.1 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.3367 | 0.3607<br>0.3310 | 0.3489<br>0.3384 | 0.3877<br>0.3273 | 0.3352 | Ave | | 0.3457 | | | | 5.8 | | 30.0 | | | |
| Tetrachloroethene | +++++<br>0.3882 | +++++<br>0.3870 | 0.6509<br>0.4068 | 0.4630<br>0.3983 | 0.4113 | Ave | | 0.4436 | | | | 21.4 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | 0.6484<br>0.6467 | 0.5538<br>0.6744 | 0.7098<br>0.7033 | 0.4727<br>0.6886 | 0.5465 | Ave | | 0.6271 | | | | 13.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromochloromethane | 0.4837 0.4228 | 0.4475 0.4207 | 0.4333 0.4462 | 0.4673 0.4424 | 0.4344 | Ave | | 0.4442 | | | | 4.6 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5201 0.4980 | 0.5088 0.4918 | 0.5268 0.5218 | 0.5678 0.5111 | 0.5212 | Ave | | 0.5186 | | | | 4.2 | | 30.0 | | | |
| Chlorobenzene | 0.9417 0.6989 | 0.9061 0.6926 | 0.7659 0.7320 | 0.8169 0.7043 | 0.7589 | Ave | | 0.7797 | | | | 11.7 | | 30.0 | | | |
| Ethylbenzene | 1.3666 1.1660 | 1.2652 1.1957 | 1.2127 1.2694 | 1.2948 1.2185 | 1.1995 | Ave | | 1.2432 | | | | 5.0 | | 30.0 | | | |
| m,p-Xylene | 1.0024 0.8863 | 0.9384 0.9069 | 0.8749 0.9813 | 0.9249 0.9184 | 0.8694 | Ave | | 0.9225 | | | | 5.0 | | 30.0 | | | |
| o-Xylene | 0.9052 0.8872 | 0.9359 0.9124 | 0.8550 0.9956 | 0.9165 0.9630 | 0.8820 | Ave | | 0.9170 | | | | 4.7 | | 30.0 | | | |
| Styrene | 0.5478 0.6724 | 0.6399 0.6881 | 0.6647 0.7547 | 0.6635 0.7323 | 0.6322 | Ave | | 0.6662 | | | | 9.0 | | 30.0 | | | |
| Bromoform | 0.4658 0.4677 | 0.4460 0.4665 | 0.4625 0.5185 | 0.5112 0.5171 | 0.4744 | Ave | | 0.4811 | | | | 5.6 | | 30.0 | | | |
| Cumene | 1.0365 1.1494 | 1.1453 1.1855 | 1.0920 1.2858 | 1.0961 1.2284 | 1.1161 | Ave | | 1.1484 | | | | 6.6 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.7240 0.7549 | 0.9134 0.7474 | 0.8246 0.8065 | 0.7876 0.7761 | 0.7603 | Ave | | 0.7883 | | | | 7.1 | | 30.0 | | | |
| n-Propylbenzene | 0.2349 0.3126 | 0.3433 0.3164 | 0.3168 0.3494 | 0.3000 0.3453 | 0.2870 | Ave | | 0.3117 | | | | 11.5 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8711 1.2019 | 0.9565 1.2061 | 1.2222 1.3626 | 1.1020 1.2918 | 1.1110 | Ave | | 1.1473 | | | | 13.6 | | 30.0 | | | |
| 2-Chlorotoluene | 0.2724 0.2881 | 0.3176 0.2894 | 0.3185 0.3142 | 0.2840 0.3131 | 0.2808 | Ave | | 0.2976 | | | | 6.1 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | 0.7078 0.9418 | 0.8577 0.9793 | 0.9841 1.0501 | 0.8427 1.0188 | 0.8835 | Ave | | 0.9184 | | | | 11.6 | | 30.0 | | | |
| tert-Butylbenzene | 1.0979 0.9036 | 0.7625 0.9211 | 0.9217 1.0288 | 0.7735 0.9980 | 0.8276 | Ave | | 0.9150 | | | | 12.5 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8546 0.9747 | 1.0101 1.0106 | 0.9634 1.1297 | 0.8408 1.0815 | 0.8705 | Ave | | 0.9706 | | | | 10.4 | | 30.0 | | | |
| sec-Butylbenzene | 1.4510 1.3804 | 1.3681 1.4055 | 1.4480 1.5788 | 1.1521 1.4825 | 1.2630 | Ave | | 1.3922 | | | | 9.0 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 4-Isopropyltoluene | 1.1027<br>1.0758 | 1.1756<br>1.1112 | 1.1690<br>1.2747 | 0.8725<br>1.2188 | 0.9425 | Ave | | 1.1048 | | | | 11.6 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6116<br>0.6298 | 0.6275<br>0.6280 | 0.6529<br>0.7131 | 0.6197<br>0.6917 | 0.6175 | Ave | | 0.6435 | | | | 5.5 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.4931<br>0.6291 | 0.7213<br>0.6270 | 0.6698<br>0.7229 | 0.6396<br>0.7023 | 0.6217 | Ave | | 0.6474 | | | | 10.9 | | 30.0 | | | |
| Benzyl chloride | +++++<br>0.1412 | 0.1490<br>0.1517 | 0.1562<br>0.1858 | 0.1136<br>0.1934 | 0.1245 | Ave | | 0.1519 | | | | 18.0 | | 30.0 | | | |
| n-Butylbenzene | 0.5836<br>0.5876 | 0.6071<br>0.6186 | 0.6149<br>0.7202 | 0.4343<br>0.7021 | 0.4989 | Ave | | 0.5964 | | | | 14.9 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.5248<br>0.5807 | 0.6047<br>0.5806 | 0.6470<br>0.6758 | 0.5350<br>0.6596 | 0.5527 | Ave | | 0.5956 | | | | 9.2 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.4015 | +++++<br>0.4130 | 0.3152<br>0.4971 | 0.3237<br>0.4962 | 0.3671 | Ave | | 0.4020 | | | | 18.4 | | 30.0 | | | |
| Hexachlorobutadiene | 0.3780<br>0.3293 | 0.3905<br>0.3332 | 0.4311<br>0.4085 | 0.2674<br>0.4025 | 0.3172 | Ave | | 0.3620 | | | | 14.6 | | 30.0 | | | |
| Naphthalene | +++++<br>0.9734 | +++++<br>1.0385 | 0.7238<br>1.2029 | 0.7615<br>1.1844 | 0.8000 | Ave | | 0.9549 | | | | 20.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-695447/3 | 7S07X03.D |
| Level 2 | IC 410-695447/4 | 7S07X04.D |
| Level 3 | IC 410-695447/5 | 7S07X05.D |
| Level 4 | IC 410-695447/6 | 7S07X06.D |
| Level 5 | IC 410-695447/7 | 7S07X07.D |
| Level 6 | ICISAV 410-695447/8 | 7S07X08.D |
| Level 7 | IC 410-695447/9 | 7S07X09.D |
| Level 8 | IC 410-695447/10 | 7S07X10.D |
| Level 9 | IC 410-695447/11 | 7S07X11.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Dichlorodifluoromethane | CBM | Ave | 2266<br>386227 | 3617<br>793102 | 16409<br>1946334 | 37642<br>3979326 | 72882 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chlorodifluoromethane | CBM | Ave | 994<br>234311 | 2393<br>487315 | 10458<br>1204988 | 15244<br>2521436 | 37016 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichlorotetrafluoroethane | CBM | Ave | 1439<br>381017 | 3337<br>792190 | 16118<br>1938379 | 25302<br>4047500 | 62301 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloromethane | CBM | Ave | +++++<br>145631 | +++++<br>294301 | 7776<br>714327 | 10305<br>1477472 | 23163 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Butane | CBM | Ave | 1868<br>231676 | 3142<br>475971 | 10201<br>1198695 | 24688<br>2462009 | 44844 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Vinyl chloride | CBM | Ave | 615<br>152621 | 1442<br>323612 | 6320<br>792621 | 10792<br>1652848 | 24510 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3-Butadiene | CBM | Ave | 484<br>110341 | 1239<br>236482 | 4258<br>601024 | 10194<br>1251805 | 19703 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromomethane | CBM | Ave | +++++<br>106167 | 1034<br>211578 | 4413<br>553370 | 10618<br>1149303 | 20147 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloroethane | CBM | Ave | +++++<br>77050 | 1042<br>161709 | 3658<br>397395 | 9186<br>818978 | 17315 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromoethene(Vinyl Bromide) | CBM | Ave | 785<br>130891 | 1507<br>270635 | 5820<br>685579 | 12429<br>1432131 | 24937 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Trichlorofluoromethane | CBM | Ave | 1624<br>366646 | 3462<br>751212 | 14793<br>1859281 | 34140<br>3794042 | 69984 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1-Dichloroethene | CBM | Ave | 1320<br>224161 | 2701<br>469393 | 9943<br>1176908 | 23451<br>2438928 | 44481 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2-Trichlorotrifluoroethane | CBM | Ave | 1139<br>178594 | 1705<br>366467 | 7685<br>881794 | 14075<br>1848120 | 30580 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Acetone | CBM | Ave | +++++<br>239306 | +++++<br>492575 | 12911<br>1242831 | 25206<br>2534459 | 48546 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Isopropyl alcohol | CBM | Ave | +++++<br>165914 | 1907<br>378548 | 8759<br>945866 | 20019<br>1958633 | 33931 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Carbon disulfide | CBM | Ave | 3109<br>471063 | 6080<br>969194 | 21100<br>2365895 | 46995<br>4845550 | 92043 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 3-Chloropropene | CBM | Ave | +++++<br>198983 | 3677<br>411677 | 9600<br>1073339 | 23597<br>2215172 | 40743 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methylene Chloride | CBM | Ave | +++++<br>124905 | 1811<br>251528 | 5986<br>627364 | 12998<br>1289102 | 24191 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>185366 | 1589<br>413207 | 7140<br>1052192 | 14117<br>2172133 | 29204 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14 |
| Methyl tert-butyl ether | CBM | Ave | 1724<br>375504 | 3859<br>797810 | 15360<br>2036423 | 30136<br>4282893 | 64079 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| trans-1,2-Dichloroethene | CBM | Ave | 1297<br>241044 | 3014<br>500792 | 10195<br>1262578 | 25882<br>2575933 | 47872 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Hexane | CBM | Ave | 863<br>123384 | 1276<br>247666 | 5284<br>639609 | 12988<br>1295701 | 25319 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1-Dichloroethane | CBM | Ave | 1752<br>285491 | 3353<br>580939 | 12792<br>1478406 | 34545<br>2976315 | 59843 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl Ethyl Ketone (2-Butanone) | CBM | Ave | +++++<br>74458 | +++++<br>154956 | 2666<br>404009 | 6757<br>832794 | 12982 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| cis-1,2-Dichloroethene | CBM | Ave | 1635<br>270104 | 3313<br>555041 | 11395<br>1422896 | 28790<br>2898443 | 54641 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Tetrahydrofuran | CBM | Ave | +++++<br>192551 | 2873<br>389393 | 7998<br>1013064 | 20196<br>2080594 | 39886 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloroform | CBM | Ave | 2034<br>320439 | 3973<br>650077 | 13237<br>1656749 | 37322<br>3361656 | 67883 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,1-Trichloroethane | CBM | Ave | 1790<br>300739 | 3179<br>601165 | 12967<br>1532653 | 29194<br>3168588 | 55375 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Cyclohexane | CBM | Ave | 1260<br>236955 | 2625<br>503855 | 9961<br>1303042 | 21280<br>2738775 | 42613 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Carbon tetrachloride | CBM | Ave | 1409<br>289506 | 2502<br>593249 | 11428<br>1541499 | 28973<br>3196107 | 54014 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Benzene | DFBZ | Ave | 3345<br>471430 | 5461<br>961768 | 20836<br>2461683 | 54276<br>4965537 | 97314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichloroethane | DFBZ | Ave | 1358<br>223073 | 2616<br>451056 | 9230<br>1150575 | 25791<br>2302139 | 48066 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | 4420<br>792533 | 7765<br>1664662 | 30718<br>4286430 | 72721<br>8766575 | 143541 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Heptane | DFBZ | Ave | 770<br>155949 | 1624<br>328238 | 5787<br>870170 | 15022<br>1790299 | 29056 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Trichloroethene | DFBZ | Ave | 1554<br>181252 | 2140<br>373158 | 7439<br>963134 | 21324<br>1976023 | 38215 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>199566 | 2569<br>408839 | 8857<br>1060180 | 22964<br>2144663 | 41841 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>163208 | 1365<br>351854 | 6405<br>953897 | 15393<br>1990629 | 31107 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>73081 | 790<br>159520 | 2975<br>406951 | 4508<br>837964 | 10862 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromodichloromethane | DFBZ | Ave | 2472<br>352583 | 3615<br>707370 | 14594<br>1834486 | 41156<br>3730966 | 70948 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 1486<br>287802 | 3425<br>594075 | 11709<br>1599668 | 30963<br>3317150 | 56932 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ | Ave | 2292<br>394889 | 4376<br>847197 | 17345<br>2235001 | 27421<br>4585995 | 62595 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Toluene | CBZd5 | Ave | +++++<br>566915 | 7152<br>1143487 | 25777<br>2986593 | 64669<br>5988243 | 119024 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 1283<br>229179 | 2644<br>477201 | 9259<br>1296442 | 23970<br>2690711 | 47889 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++<br>200482 | 2118<br>401473 | 8185<br>1037272 | 22749<br>2097374 | 39328 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Tetrachloroethene | CBZd5 | Ave | +++++<br>231168 | +++++<br>469422 | 15270<br>1246936 | 27166<br>2552037 | 48251 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBZd5 | Ave | 1921<br>385122 | 3252<br>817952 | 16653<br>2155733 | 27736<br>4412094 | 64120 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Dibromochloromethane | CBZd5 | Ave | 1433<br>251797 | 2628<br>510197 | 10165<br>1367585 | 27418<br>2834643 | 50960 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dibromoethane | CBZd5 | Ave | 1541<br>296544 | 2988<br>596420 | 12359<br>1599340 | 33318<br>3274704 | 61152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chlorobenzene | CBZd5 | Ave | 2790<br>416208 | 5321<br>840068 | 17968<br>2243671 | 47936<br>4512519 | 89031 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Ethylbenzene | CBZd5 | Ave | 4049<br>694330 | 7430<br>1450199 | 28451<br>3890799 | 75974<br>7807264 | 140729 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| m,p-Xylene | CBZd5 | Ave | 5940<br>1055613 | 11021<br>2199908 | 41051<br>6015080 | 108541<br>11768745 | 203996 | 0.0500<br>10.0 | 0.100<br>20.0 | 0.400<br>50.0 | 1.00<br>100 | 2.00 |
| o-Xylene | CBZd5 | Ave | 2682<br>528301 | 5496<br>1106625 | 20059<br>3051526 | 53780<br>6170123 | 103479 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Styrene | CBZd5 | Ave | 1623<br>400416 | 3758<br>834565 | 15594<br>2313198 | 38933<br>4692033 | 74172 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromoform | CBZd5 | Ave | 1380 | 2619 | 10851 | 29996 | 55660 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 278524 | 565795 | 1589127 | 3312934 | | 5.00 | 10.0 | 25.0 | 50.0 | |
| Cumene | CBZd5 | Ave | 3071<br>684463 | 6726<br>1437792 | 25619<br>3940900 | 64319<br>7870684 | 130946 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 2145<br>449534 | 5364<br>906496 | 19345<br>2471808 | 46212<br>4972960 | 89199 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Propylbenzene | CBZd5 | Ave | 696<br>186166 | 2016<br>383701 | 7432<br>1070830 | 17602<br>2212612 | 33671 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Ethyltoluene | CBZd5 | Ave | 2581<br>715751 | 5617<br>1462828 | 28674<br>4176281 | 64664<br>8276627 | 130349 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 2-Chlorotoluene | CBZd5 | Ave | 807<br>171546 | 1865<br>350951 | 7473<br>963004 | 16666<br>2005826 | 32940 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 2097<br>560860 | 5037<br>1187786 | 23087<br>3218474 | 49445<br>6527926 | 103654 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| tert-Butylbenzene | CBZd5 | Ave | 3253<br>538106 | 4478<br>1117209 | 21624<br>3153350 | 45387<br>6394301 | 97090 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 2532<br>580420 | 5932<br>1225681 | 22602<br>3462380 | 49336<br>6929144 | 102128 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| sec-Butylbenzene | CBZd5 | Ave | 4299<br>822037 | 8034<br>1704659 | 33972<br>4839054 | 67603<br>9498943 | 148179 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Isopropyltoluene | CBZd5 | Ave | 3267<br>640613 | 6904<br>1347751 | 27427<br>3907050 | 51196<br>7809161 | 110572 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 1812<br>375073 | 3685<br>761646 | 15317<br>2185648 | 36364<br>4431636 | 72443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 1461<br>374633 | 4236<br>760457 | 15714<br>2215777 | 37530<br>4499786 | 72936 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Benzyl chloride | CBZd5 | Ave | +++++<br>84084 | 875<br>183971 | 3665<br>569604 | 6668<br>1238937 | 14605 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Butylbenzene | CBZd5 | Ave | 1729<br>349929 | 3565<br>750228 | 14426<br>2207406 | 25483<br>4498530 | 58529 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 1555<br>345777 | 3551<br>704149 | 15179<br>2071349 | 31394<br>4226204 | 64839 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>239097 | +++++<br>500941 | 7396<br>1523588 | 18996<br>3179453 | 43067 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Hexachlorobutadiene | CBZd5 | Ave | 1120<br>196075 | 2293<br>404122 | 10113<br>1252156 | 15691<br>2579118 | 37219 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Naphthalene | CBZd5 | Ave | +++++<br>579652 | +++++<br>1259545 | 16982<br>3686814 | 44681<br>7588783 | 93859 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Lims ID: IC Cal 0.025ppb
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Sep-2025 22:59:10 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.025PPB
Misc. Info.: 410-0158855-003
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:46:48 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 08-Sep-2025 15:19:59

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.333 | 3.304 | 0.029 | 71 | 1013 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 44 | 2266 | 0.0250 | 0.0298 | |
| 3 Chlorodifluoromethane | 51 | 3.433 | 3.412 | 0.021 | 25 | 994 | 0.0250 | 0.0231 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.662 | 3.641 | 0.021 | 17 | 1439 | 0.0250 | 0.0213 | |
| 5 Chloromethane | 50 | 3.784 | 3.770 | 0.014 | 30 | 1441 | 0.0250 | 0.0530 | M |
| 124 Butane | 43 | 4.020 | 4.006 | 0.014 | 47 | 1868 | 0.0250 | 0.0366 | M |
| 6 Vinyl chloride | 62 | 4.035 | 4.013 | 0.022 | 18 | 615 | 0.0250 | 0.0222 | |
| 7 Butadiene | 54 | 4.106 | 4.092 | 0.014 | 34 | 484 | 0.0250 | 0.0226 | M |
| 10 Vinyl bromide | 106 | 5.288 | 5.274 | 0.014 | 48 | 785 | 0.0250 | 0.0293 | |
| 13 Dichlorofluoromethane | 67 | 5.346 | 5.331 | 0.015 | 28 | 2071 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.424 | 5.403 | 0.021 | 21 | 1624 | 0.0250 | 0.0235 | |
| 11 Pentane | 43 | 5.604 | 5.582 | 0.022 | 59 | 2237 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.356 | 6.349 | 0.007 | 12 | 1320 | 0.0250 | 0.0282 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.384 | 6.370 | 0.014 | 15 | 1139 | 0.0250 | 0.0330 | |
| 23 Acetone | 43 | 6.406 | 6.377 | 0.029 | 78 | 3348 | 0.0250 | 0.0678 | M |
| 20 Isopropyl alcohol | 45 | 6.614 | 6.592 | 0.022 | 53 | 1576 | 0.0250 | 0.0431 | M |
| 17 Carbon disulfide | 76 | 6.771 | 6.757 | 0.014 | 37 | 3109 | 0.0250 | 0.0314 | |
| 21 3-Chloro-1-propene | 41 | 6.986 | 6.972 | 0.014 | 46 | 1787 | 0.0250 | 0.0392 | Ma |
| 22 Methylene Chloride | 84 | 7.201 | 7.187 | 0.014 | 53 | 1010 | 0.0250 | 0.0386 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 46 | 390 | 0.0285 | 0.0129 | M |
| 31 Acrylonitrile | 53 | 7.566 | 7.531 | 0.035 | 40 | 480 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 27 | 1724 | 0.0250 | 0.0241 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.674 | 7.659 | 0.015 | 30 | 1297 | 0.0250 | 0.0261 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 55 | 863 | 0.0250 | 0.0336 | |
| 30 1,1-Dichloroethane | 63 | 8.361 | 8.347 | 0.014 | 1 | 1752 | 0.0250 | 0.0289 | |
| 29 Isopropyl ether | 45 | 8.411 | 8.390 | 0.021 | 64 | 2326 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.985 | 8.963 | 0.022 | 65 | 1536 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 9.250 | 9.235 | 0.015 | 5 | 1635 | 0.0250 | 0.0290 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.622 | 9.608 | 0.014 | 90 | 332307 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 9.765 | 9.751 | 0.014 | 46 | 2034 | 0.0250 | 0.0299 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 12 | 1790 | 0.0250 | 0.0298 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 51 | 1260 | 0.0250 | 0.0266 | |
| 40 Carbon tetrachloride | 117 | 10.317 | 10.303 | 0.014 | 41 | 1409 | 0.0250 | 0.0254 | M |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 547440 | NC | NC | |
| 46 Benzene | 78 | 10.603 | 10.589 | 0.014 | 3 | 3345 | 0.0250 | 0.0328 | M |
| 48 1,2-Dichloroethane | 62 | 10.668 | 10.654 | 0.014 | 23 | 1358 | 0.0250 | 0.0289 | |
| 47 Tert-amyl methyl ether | 73 | 10.790 | 10.768 | 0.022 | 23 | 2160 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 77 | 4420 | 0.0250 | 0.0283 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 13 | 770 | 0.0250 | 0.0250 | |
| * 50 1,4-Difluorobenzene | 114 | 11.227 | 11.212 | 0.015 | 96 | 1261911 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 33 | 1554 | 0.0250 | 0.0383 | |
| 53 1,2-Dichloropropane | 63 | 11.936 | 11.929 | 0.007 | 33 | 1898 | 0.0250 | 0.0447 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 61 | 1354 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 11 | 2472 | 0.0250 | 0.0332 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.752 | 12.745 | 0.007 | 29 | 1486 | 0.0250 | 0.0249 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 43 | 2292 | 0.0250 | 0.0292 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1378933 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 50 | 5075 | 0.0250 | 0.0416 | |
| 58 n-Octane | 43 | 13.239 | 13.240 | -0.001 | 69 | 2578 | NC | NC | M |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 49 | 1283 | 0.0250 | 0.0262 | |
| 64 1,1,2-Trichloroethane | 97 | 13.555 | 13.548 | 0.007 | 28 | 1662 | 0.0250 | 0.0406 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 67 | 2746 | 0.0250 | 0.0522 | |
| 67 2-Hexanone | 43 | 13.734 | 13.719 | 0.015 | 42 | 1921 | 0.0250 | 0.0258 | M |
| 65 Chlorodibromomethane | 127 | 13.941 | 13.934 | 0.007 | 26 | 1433 | 0.0250 | 0.0272 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 56 | 1541 | 0.0250 | 0.0251 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 90 | 1185119 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 11 | 2790 | 0.0250 | 0.0302 | |
| 70 Ethylbenzene | 91 | 14.557 | 14.558 | -0.001 | 43 | 4049 | 0.0250 | 0.0275 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.557 | 14.558 | -0.001 | 20 | 1434 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 79 | 5940 | 0.0500 | 0.0543 | a |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 51 | 2682 | 0.0250 | 0.0247 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 45 | 1623 | 0.0250 | 0.0206 | |
| 75 Bromoform | 173 | 15.181 | 15.174 | 0.007 | 41 | 1380 | 0.0250 | 0.0242 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 1 | 3071 | 0.0250 | 0.0226 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.481 | 15.482 | -0.001 | 1 | 2145 | 0.0250 | 0.0230 | |
| 83 1,2,3-Trichloropropane | 110 | 15.546 | 15.539 | 0.007 | 26 | 505 | NC | NC | Ma |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 74 | 1263 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 41 | 696 | 0.0250 | 0.0188 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.661 | 0.007 | 52 | 2581 | 0.0250 | 0.0190 | M |
| 81 2-Chlorotoluene | 126 | 15.675 | 15.668 | 0.007 | 61 | 807 | 0.0250 | 0.0229 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 18 | 2097 | 0.0250 | 0.0193 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 43 | 1012 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 57 | 3253 | 0.0250 | 0.0300 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 15 | 2532 | 0.0250 | 0.0220 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 57 | 4299 | 0.0250 | 0.0261 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 58 | 3267 | 0.0250 | 0.0250 | M |
| 89 1,3-Dichlorobenzene | 146 | 16.226 | 16.227 | -0.001 | 40 | 1812 | 0.0250 | 0.0238 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 43 | 1461 | 0.0250 | 0.0190 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 60 | 1729 | 0.0250 | 0.0245 | |
| 94 1,2-Dichlorobenzene | 146 | 16.577 | 16.578 | -0.001 | 45 | 1555 | 0.0250 | 0.0220 | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.186 | 17.179 | 0.007 | 17 | 821 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.888 | 17.881 | 0.007 | 1 | 676 | 0.0250 | 0.0142 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 17 | 1120 | 0.0250 | 0.0261 | |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 22 | 2127 | 0.0250 | 0.0188 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 2932 | 0.0500 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.0500 | 0.0511 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 8622 | 0.0750 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 10.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:46:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

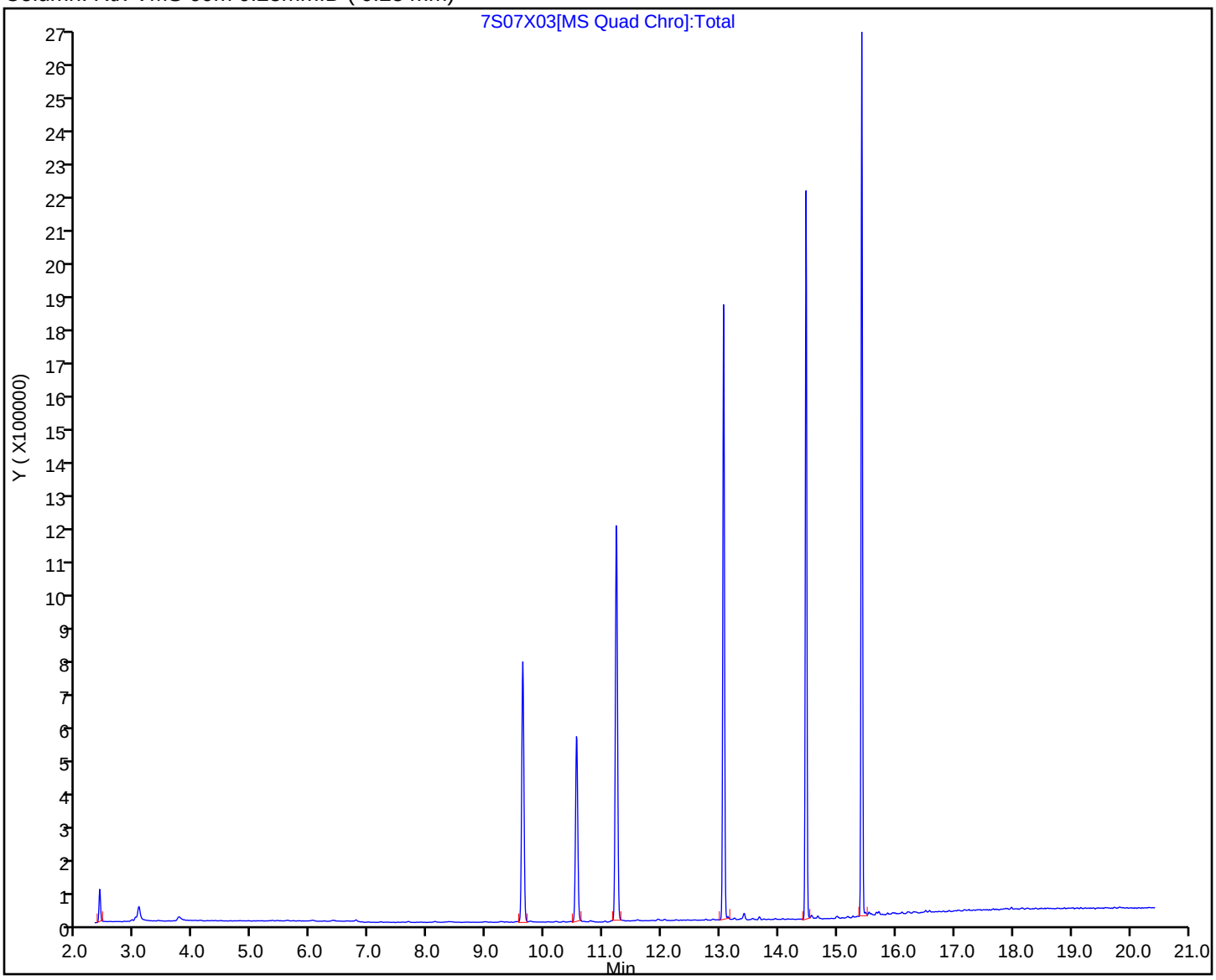
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

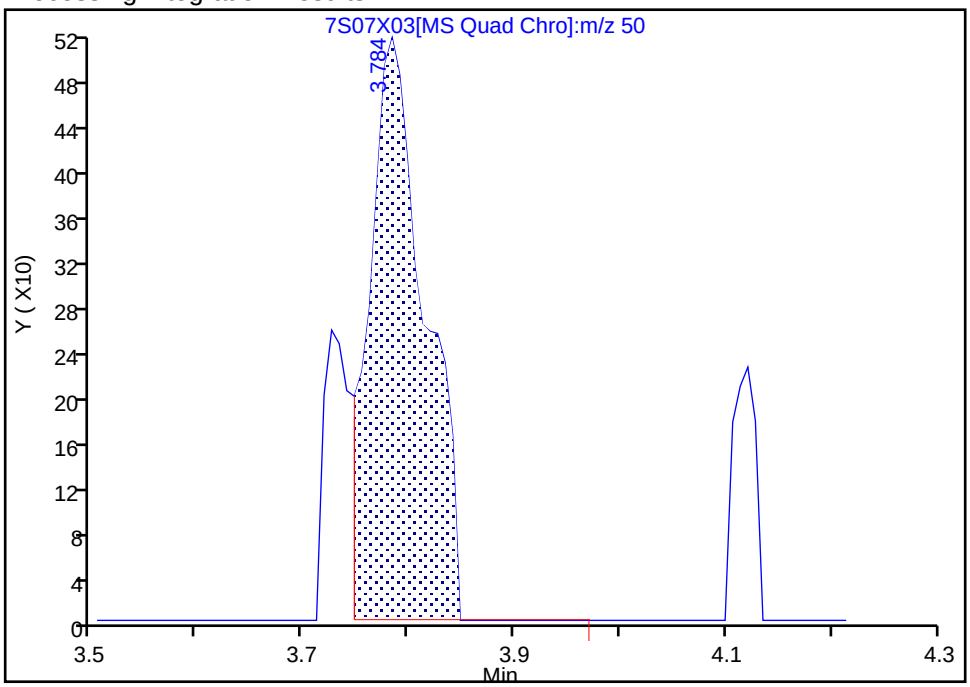
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

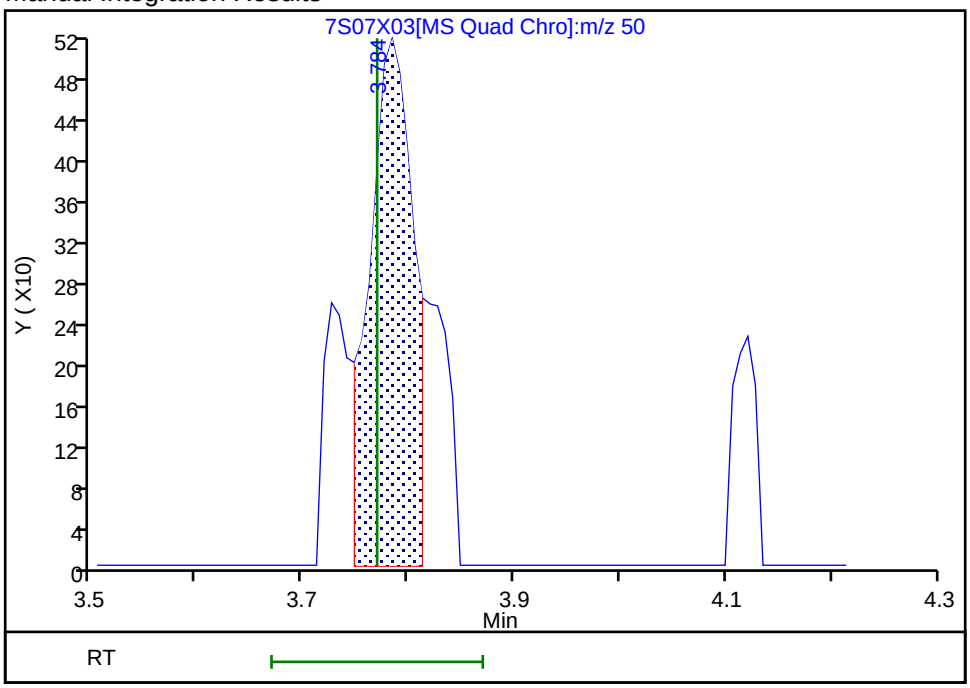
Processing Integration Results

RT: 3.78
Area: 1888
Amount: 0.052778
Amount Units: ppb v/v




Manual Integration Results

RT: 3.78
Area: 1441
Amount: 0.053005
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:15 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

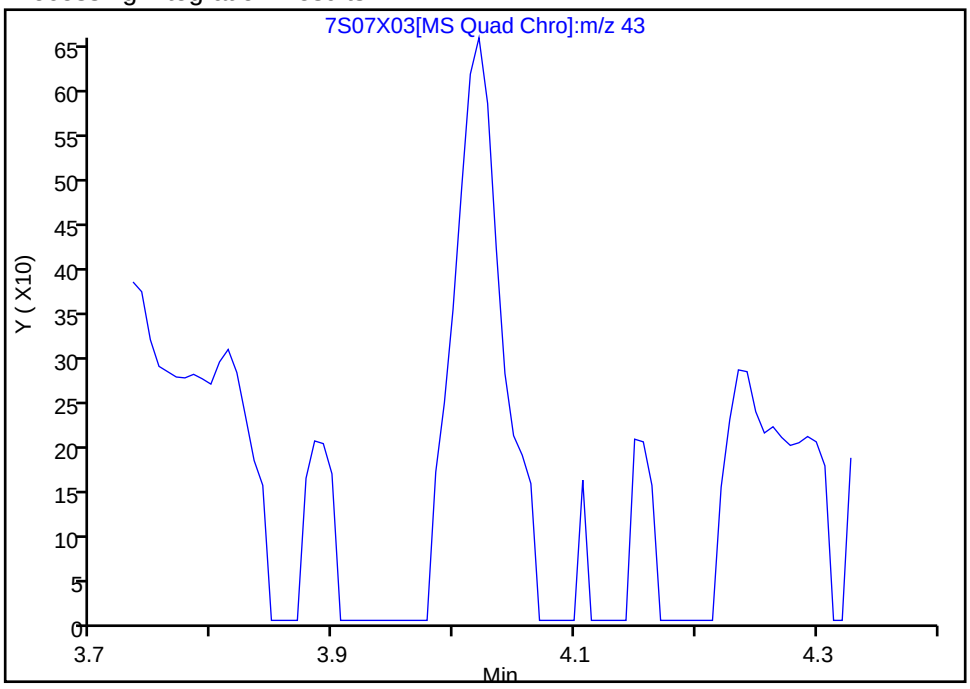
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

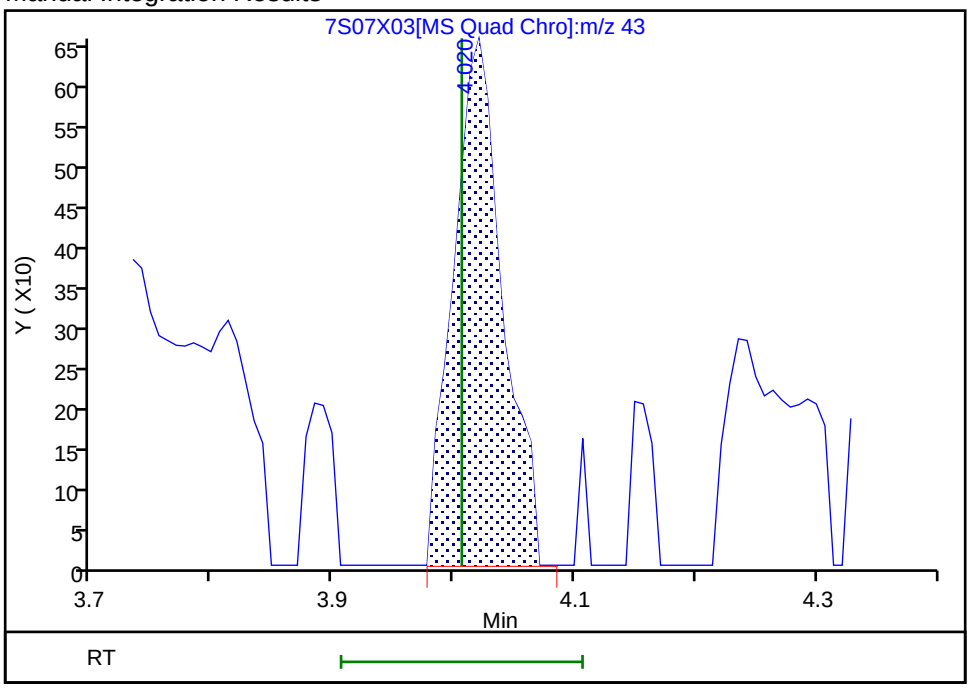
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.02
Area: 1868
Amount: 0.036611
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:08:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

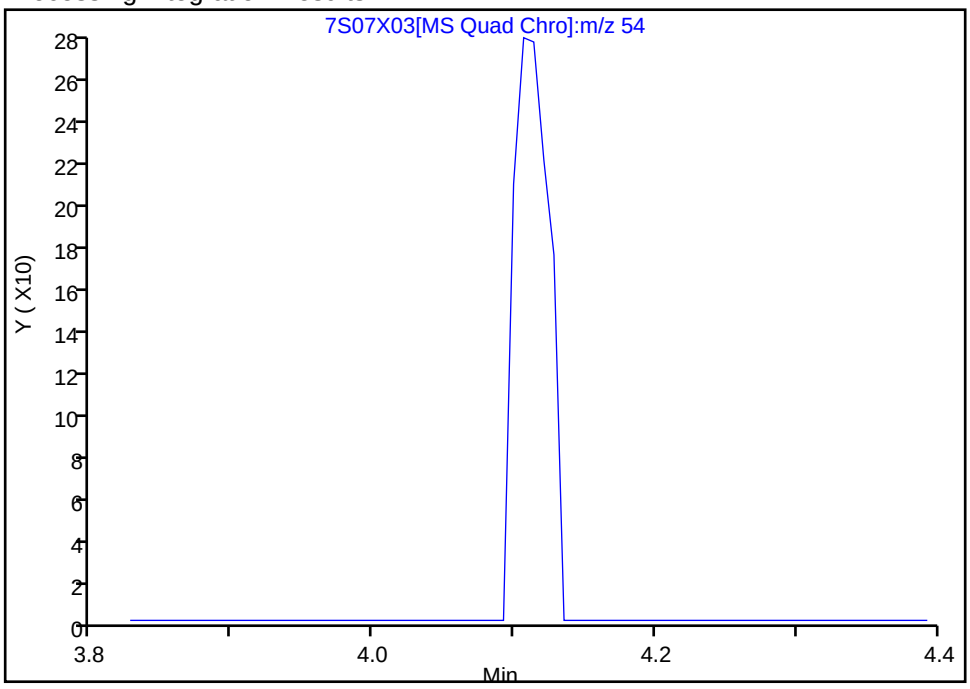
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

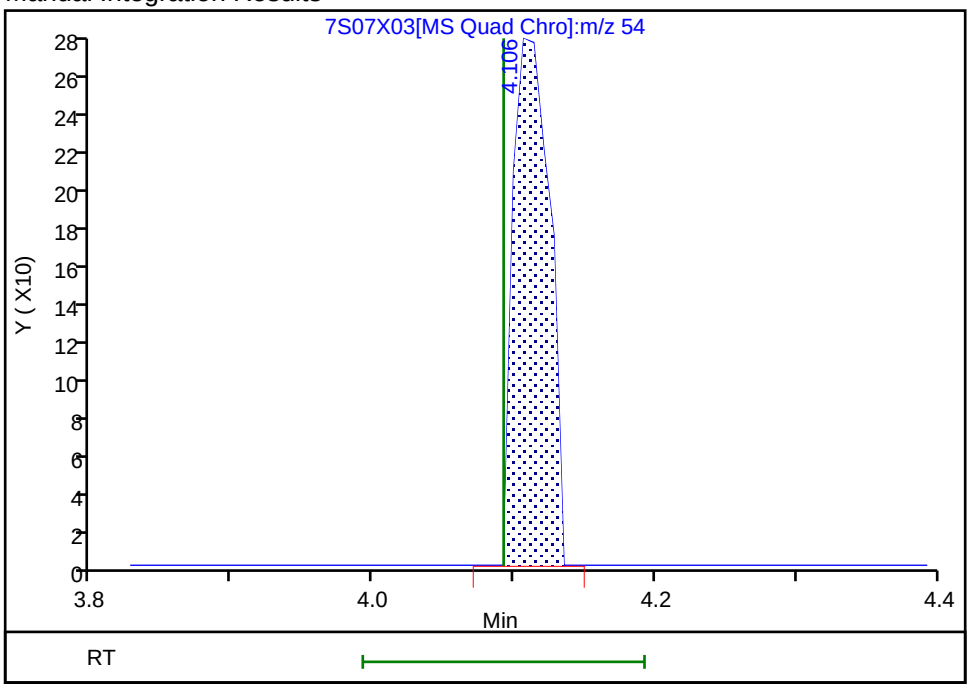
Processing Integration Results

Not Detected
Expected RT: 4.09




Manual Integration Results

RT: 4.11
Area: 484
Amount: 0.022557
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:29:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

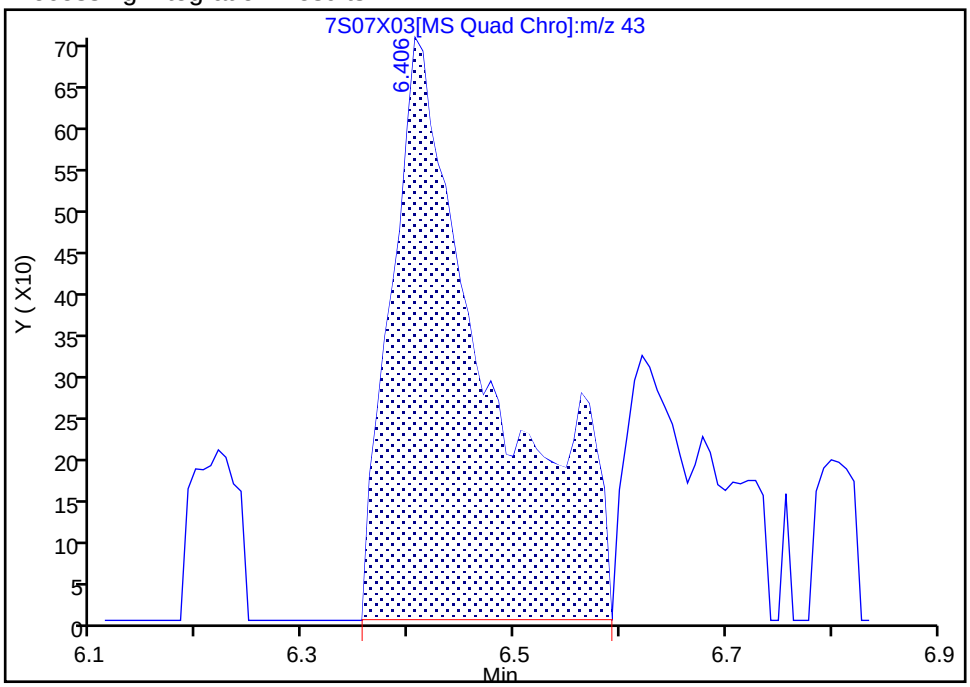
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

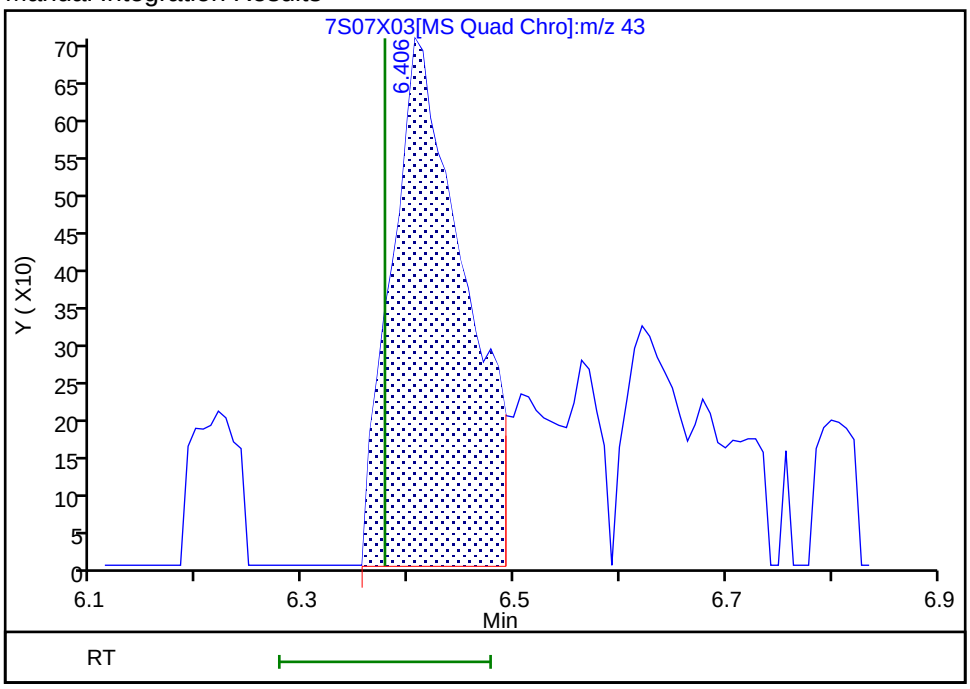
Processing Integration Results

RT: 6.41
Area: 4568
Amount: 0.067000
Amount Units: ppb v/v




Manual Integration Results

RT: 6.41
Area: 3348
Amount: 0.067802
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

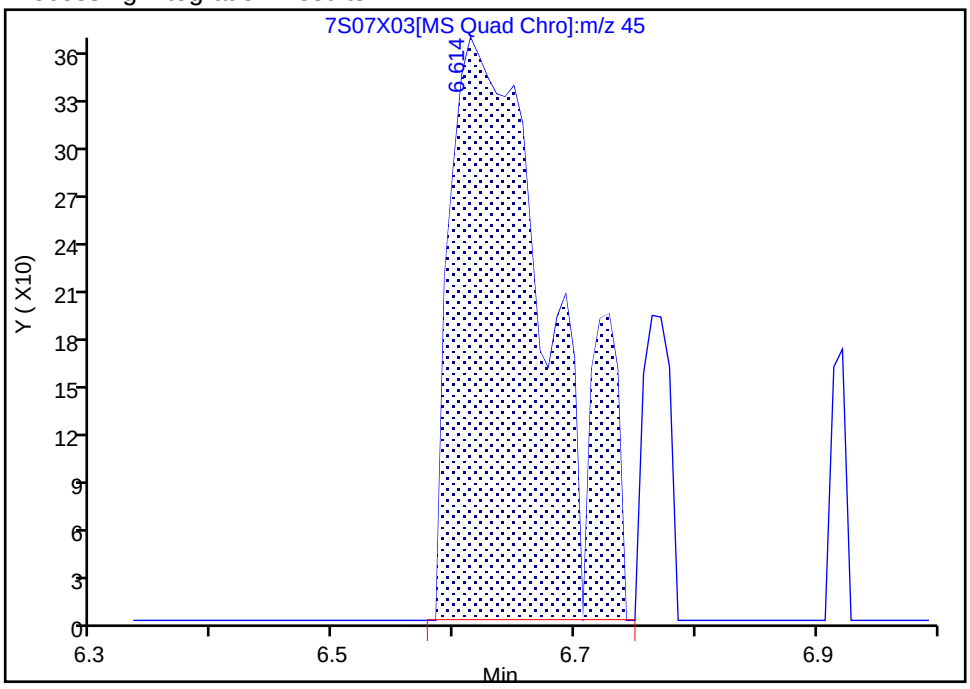
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

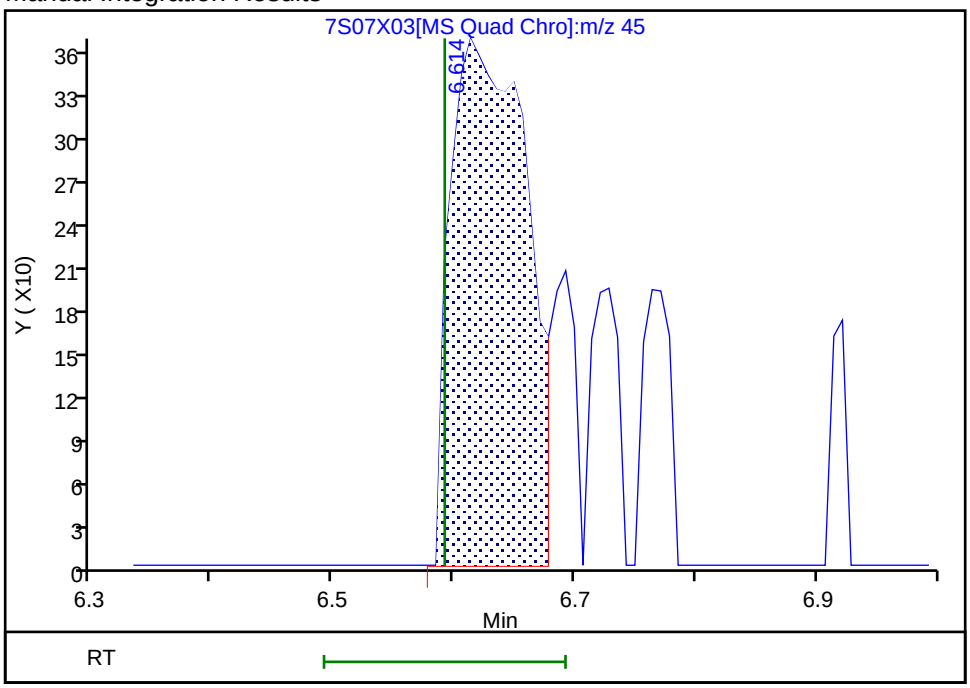
Processing Integration Results

RT: 6.61
Area: 2146
Amount: 0.051321
Amount Units: ppb v/v




Manual Integration Results

RT: 6.61
Area: 1576
Amount: 0.043122
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:52 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

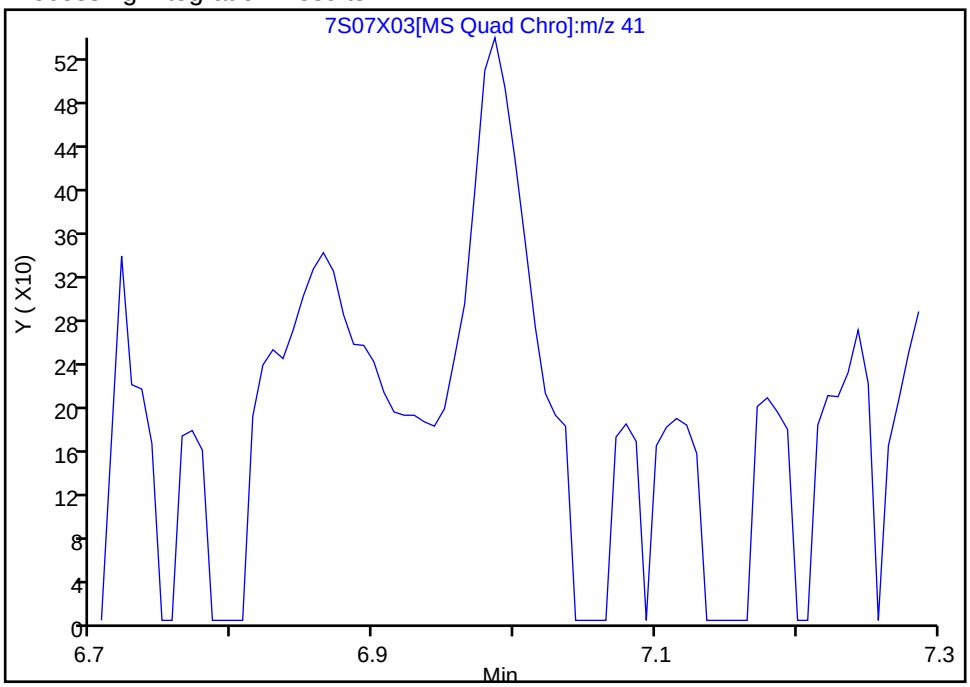
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

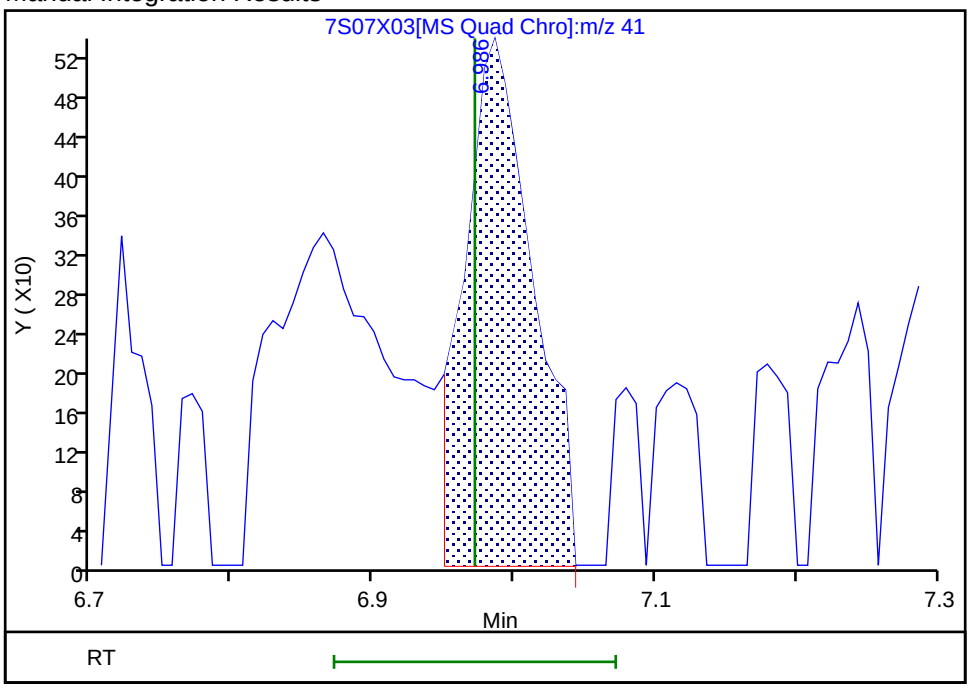
Not Detected
Expected RT: 6.97

Processing Integration Results




Manual Integration Results

RT: 6.99
Area: 1787
Amount: 0.039217
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:25:08 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

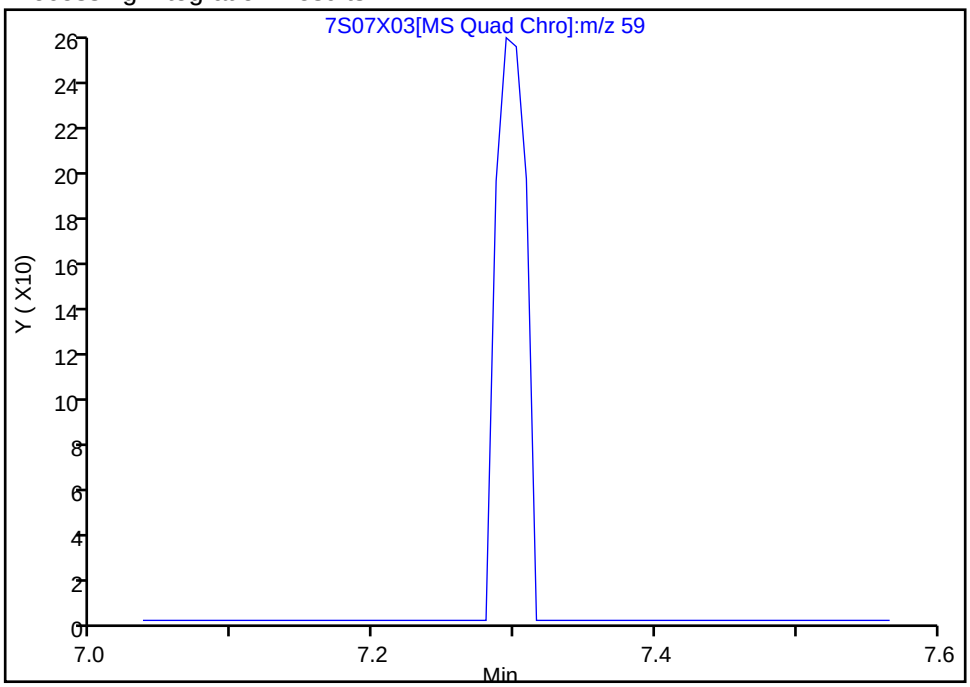
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

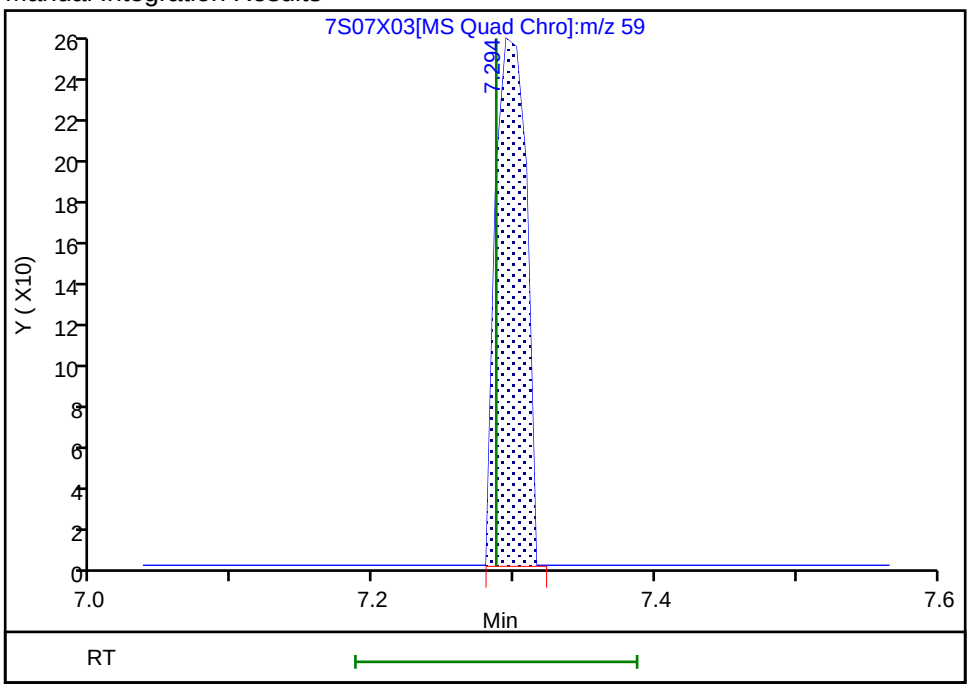
Not Detected
Expected RT: 7.29

Processing Integration Results




Manual Integration Results

RT: 7.29
Area: 390
Amount: 0.012866
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:25:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

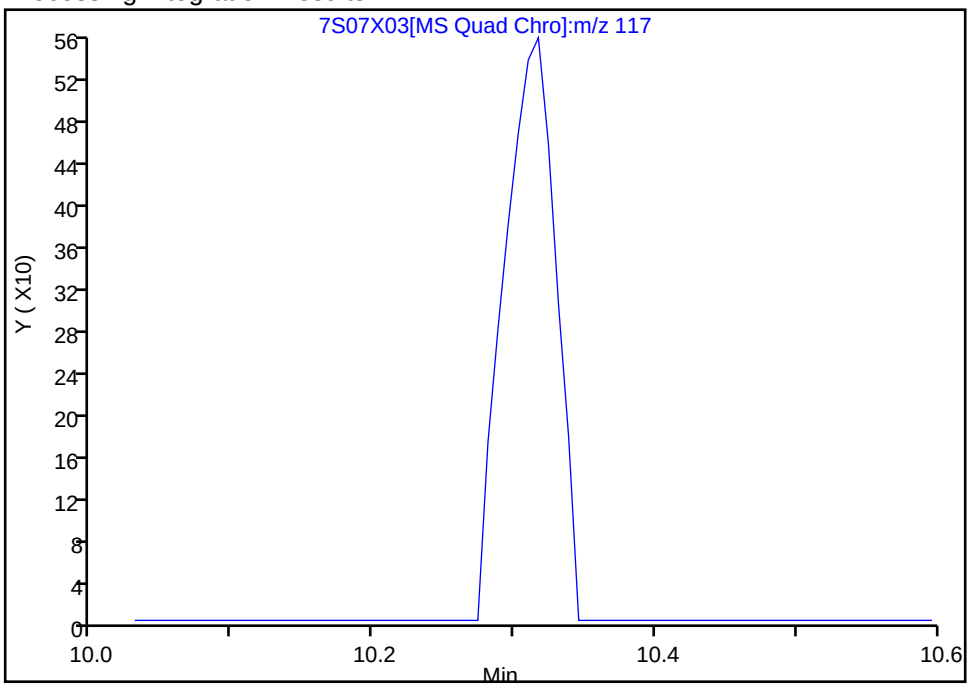
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

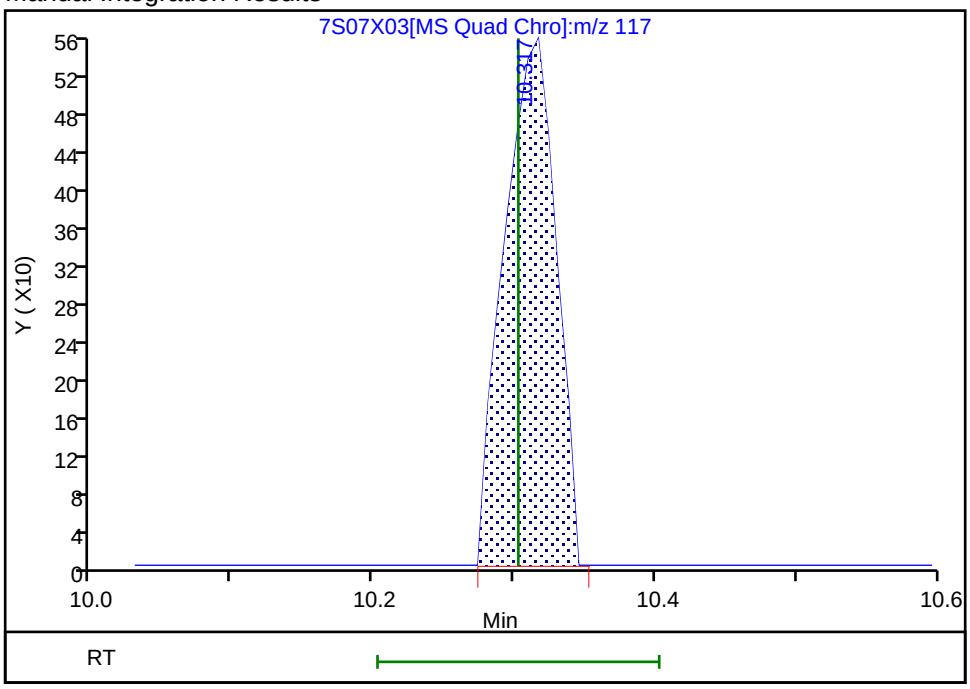
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.32
Area: 1409
Amount: 0.025372
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:26:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

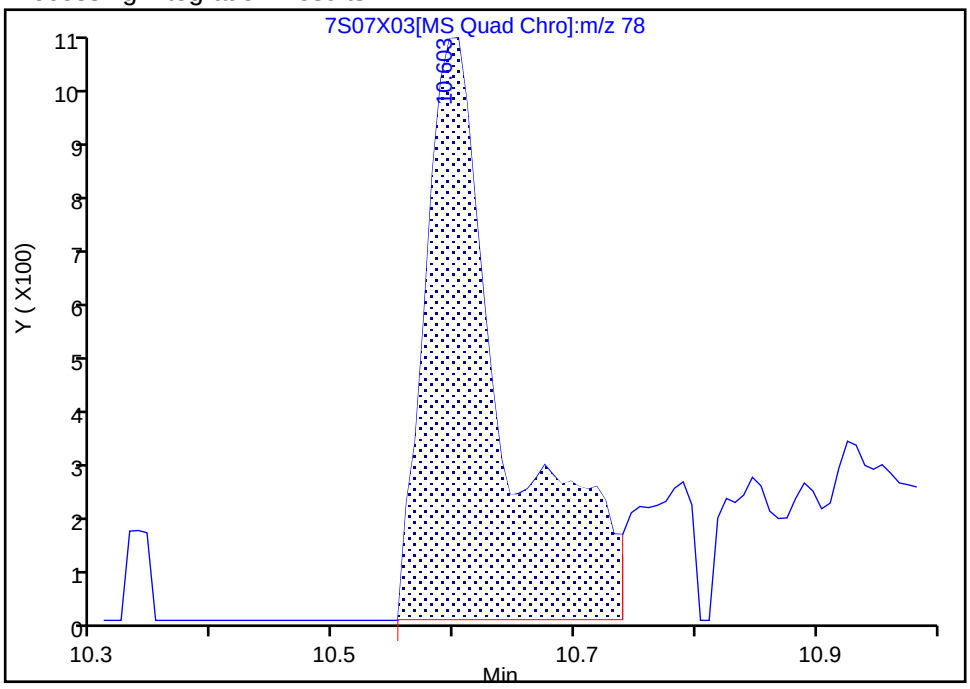
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2

Signal: 1

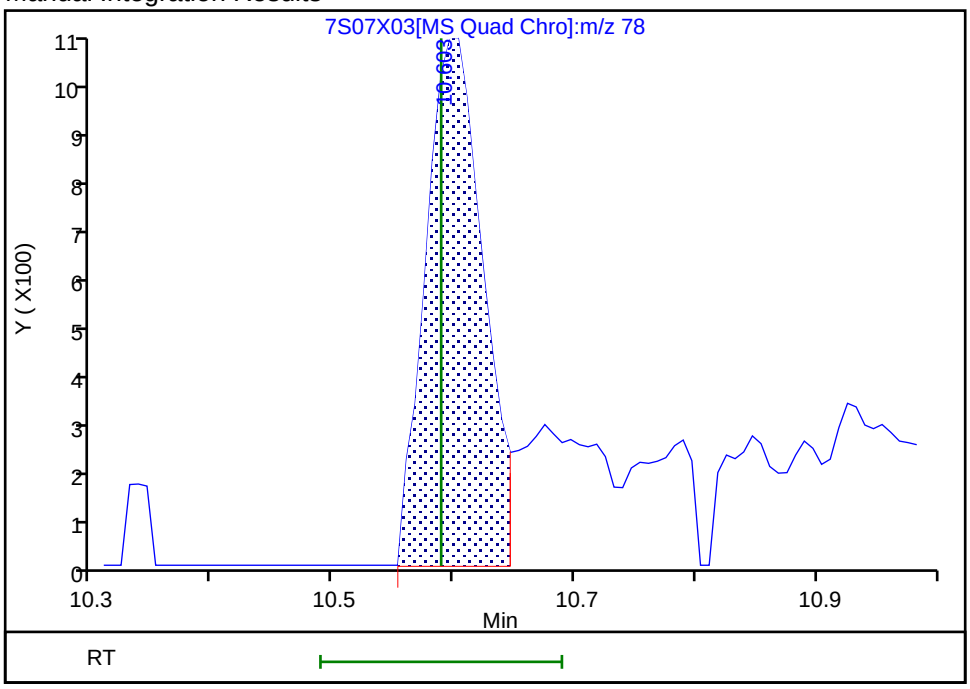
Processing Integration Results

RT: 10.60
Area: 4612
Amount: 0.042843
Amount Units: ppb v/v




Manual Integration Results

RT: 10.60
Area: 3345
Amount: 0.032788
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:26:34 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

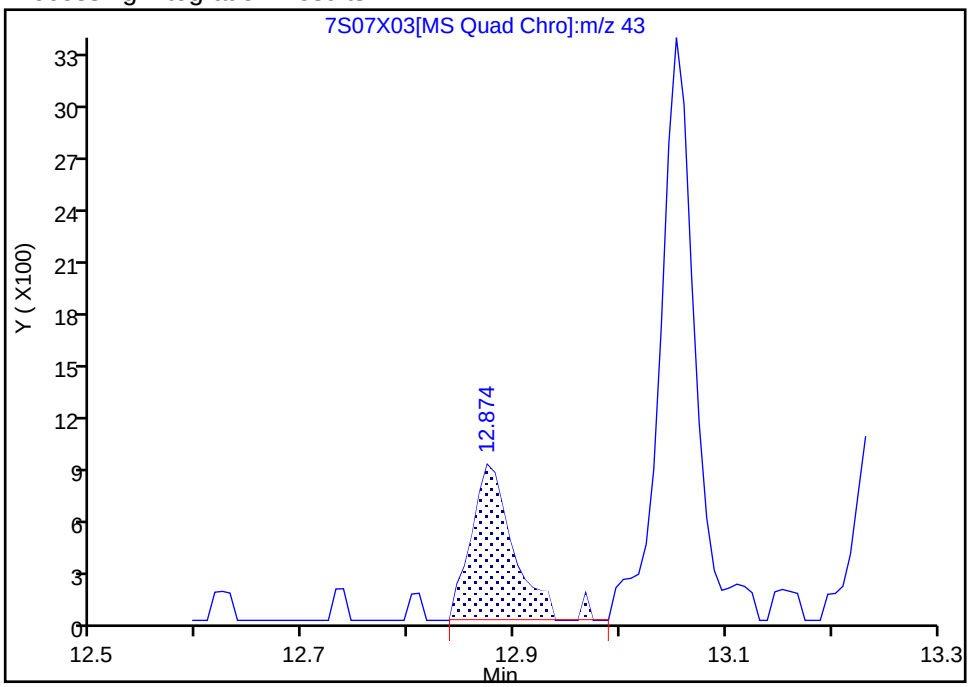
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

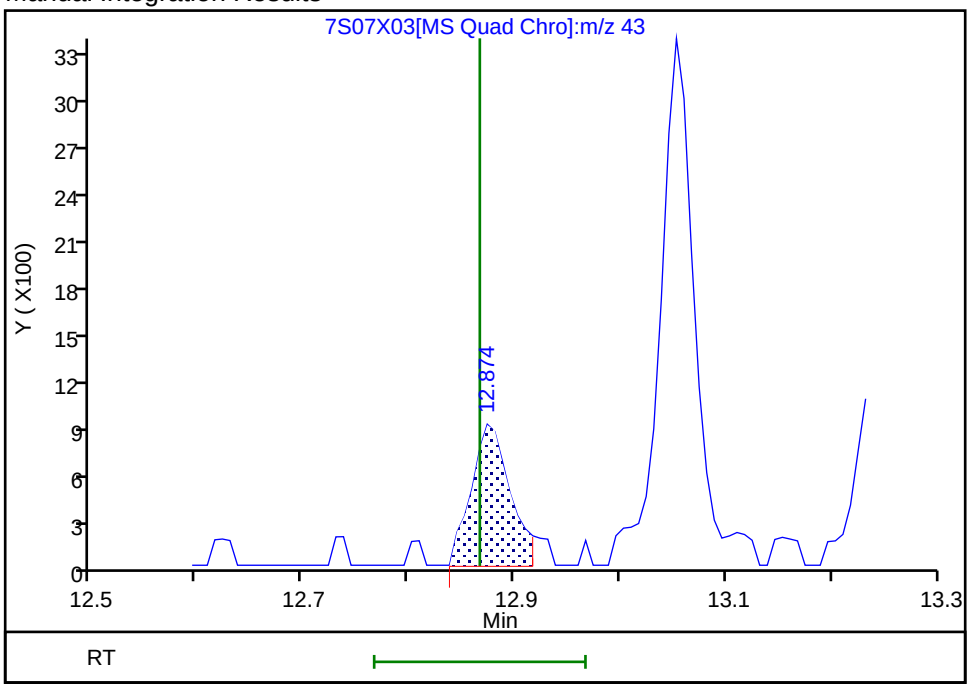
Processing Integration Results

RT: 12.87
Area: 2549
Amount: 0.030969
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 2292
Amount: 0.029167
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:01:20 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

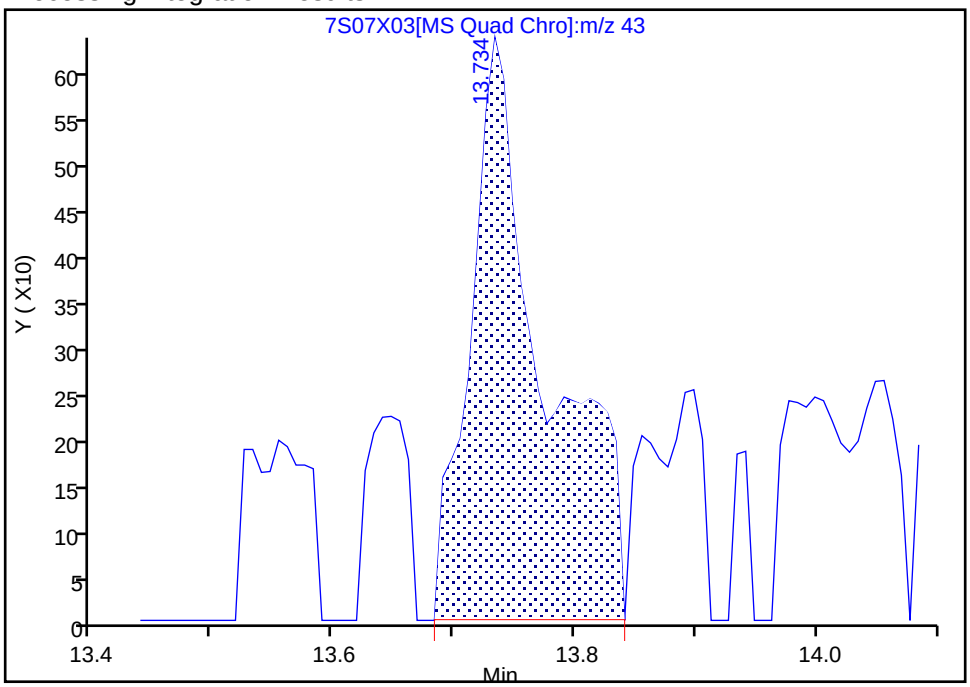
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

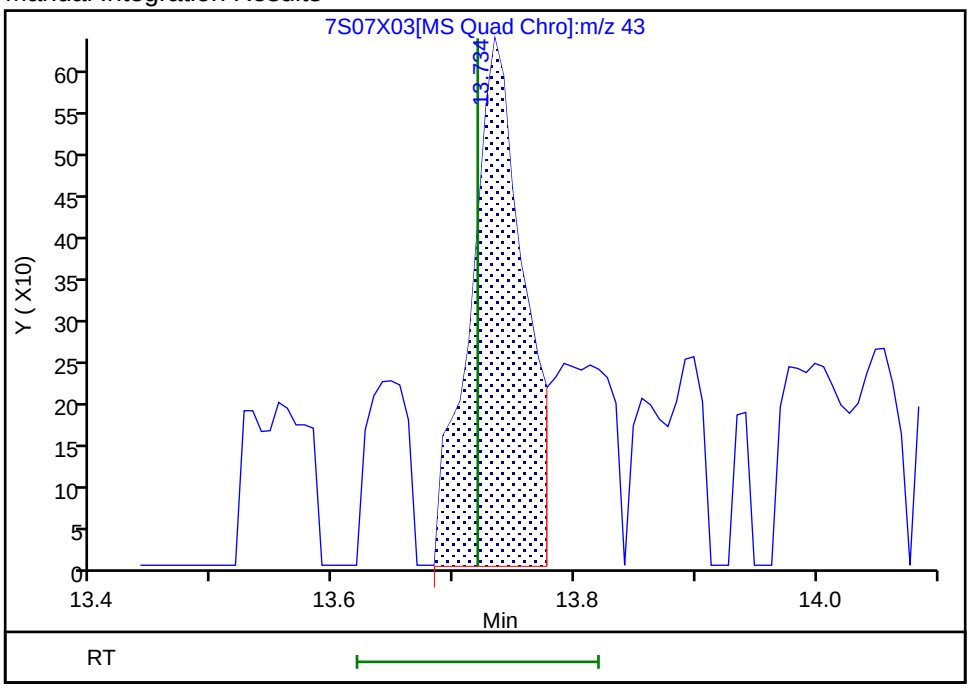
Processing Integration Results

RT: 13.73
Area: 2758
Amount: 0.033312
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 1921
Amount: 0.025846
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:27:37 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

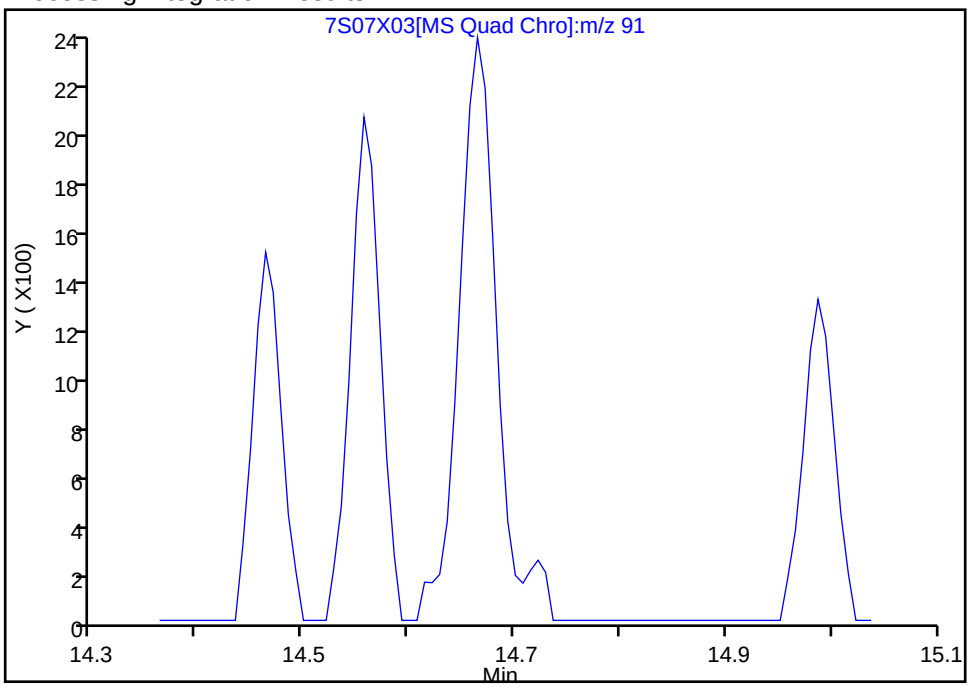
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

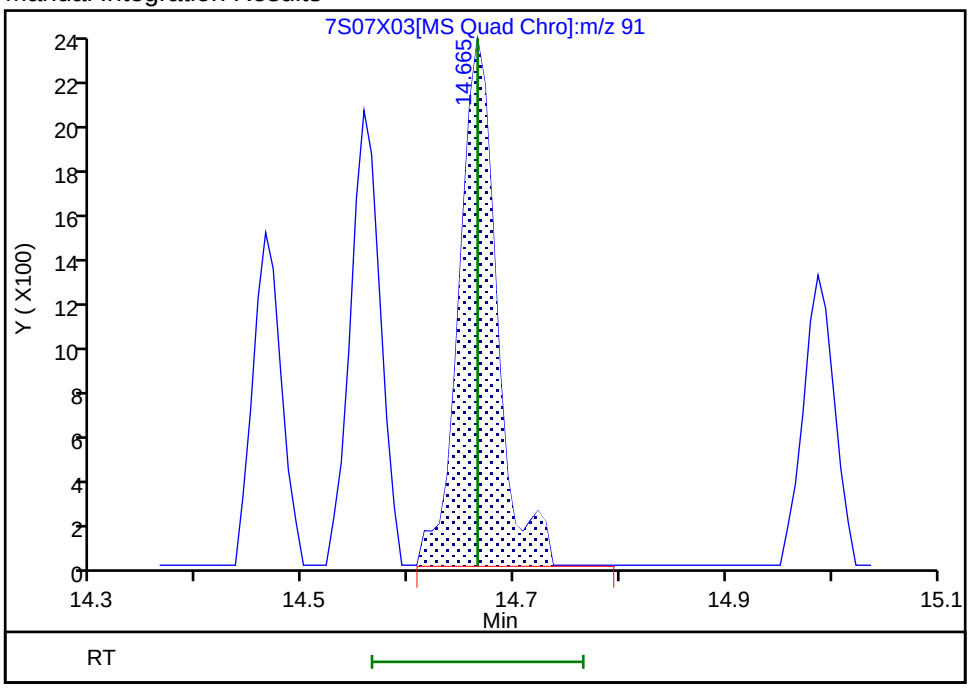
Not Detected
Expected RT: 14.66

Processing Integration Results




Manual Integration Results

RT: 14.66
Area: 5940
Amount: 0.054330
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:27:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

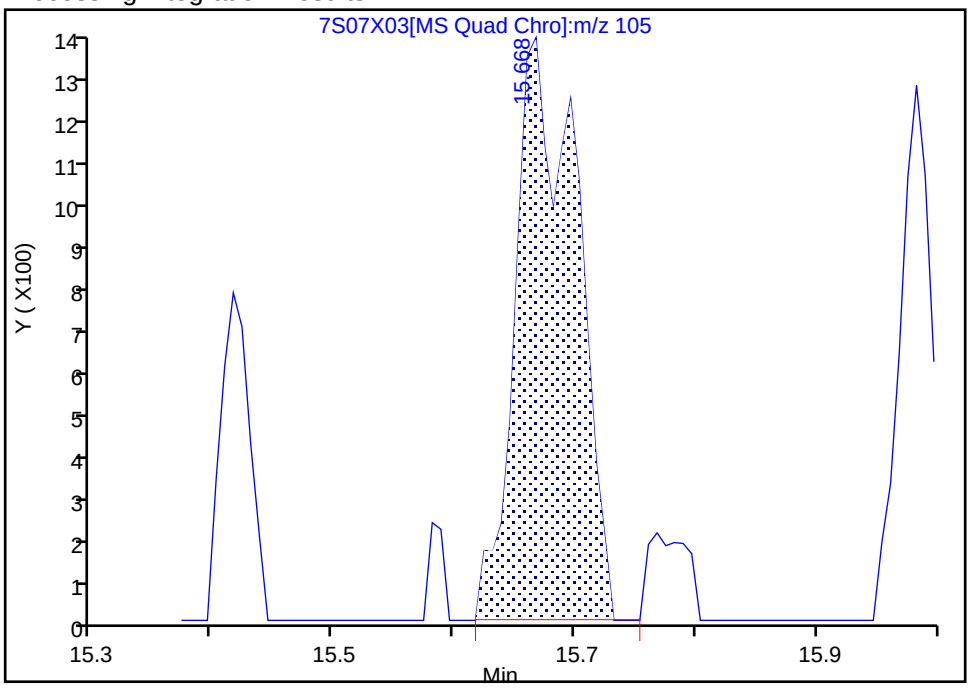
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

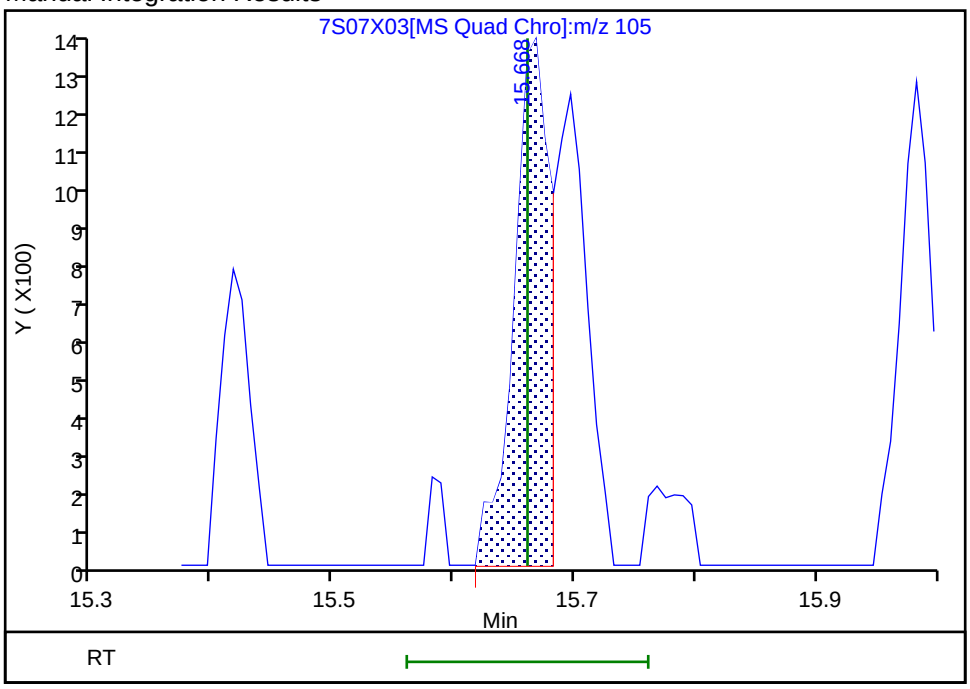
Processing Integration Results

RT: 15.67
Area: 4679
Amount: 0.032205
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 2581
Amount: 0.018983
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:28 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

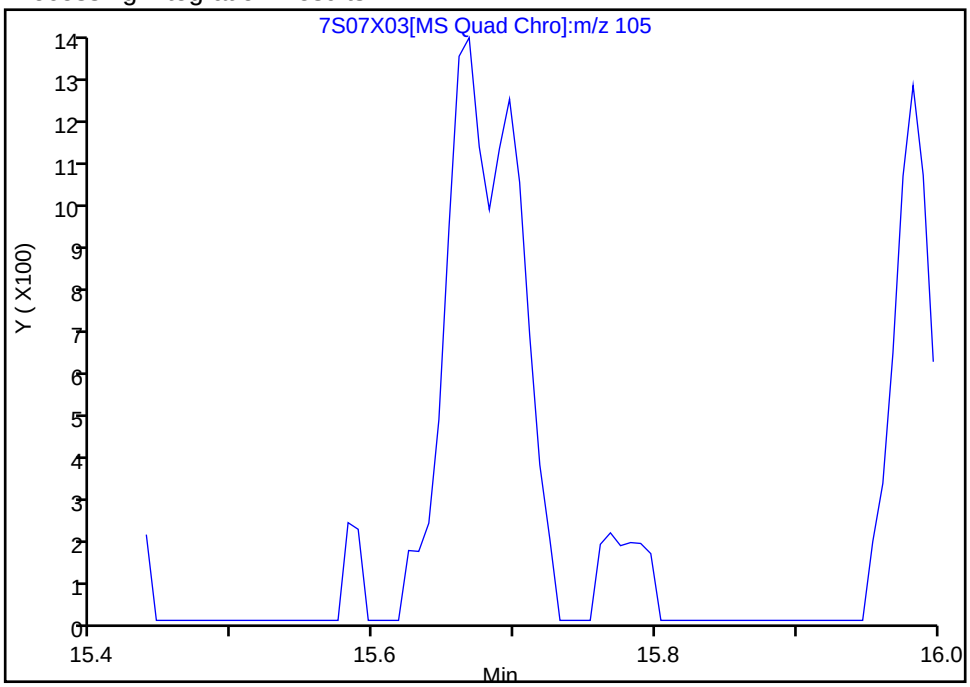
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

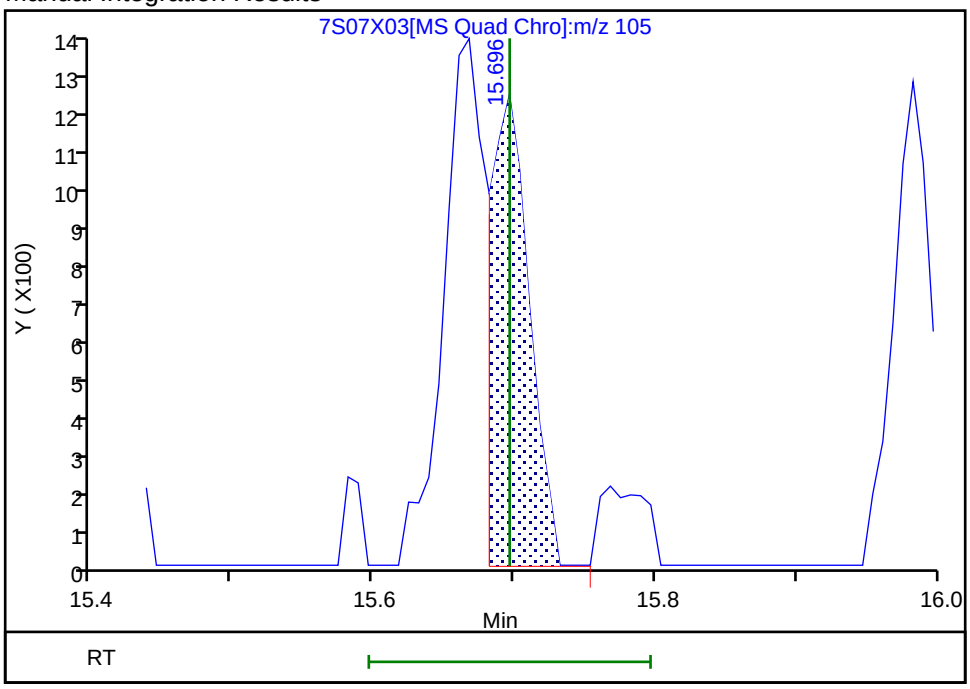
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 2097
Amount: 0.019266
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

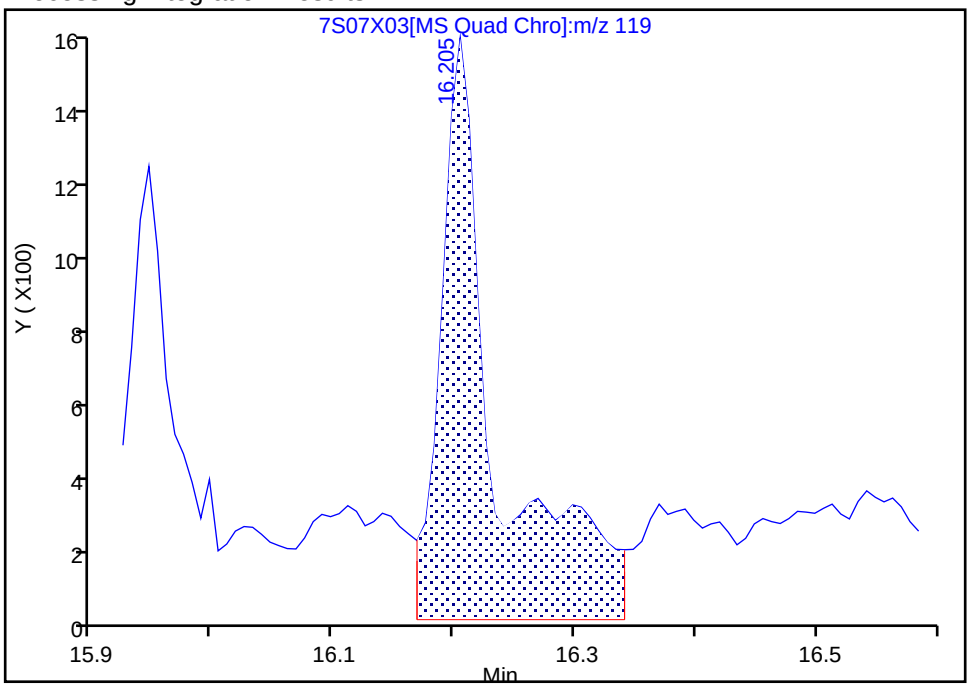
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

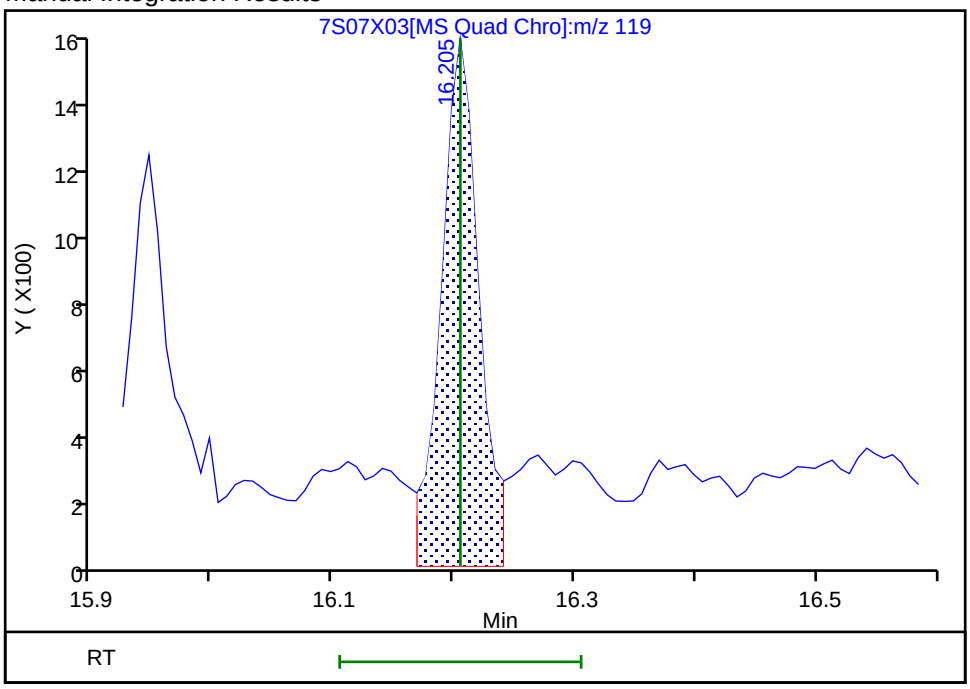
Processing Integration Results

RT: 16.20
Area: 4865
Amount: 0.034923
Amount Units: ppb v/v




Manual Integration Results

RT: 16.20
Area: 3267
Amount: 0.024953
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:56 -04:00:00 (UTC)

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

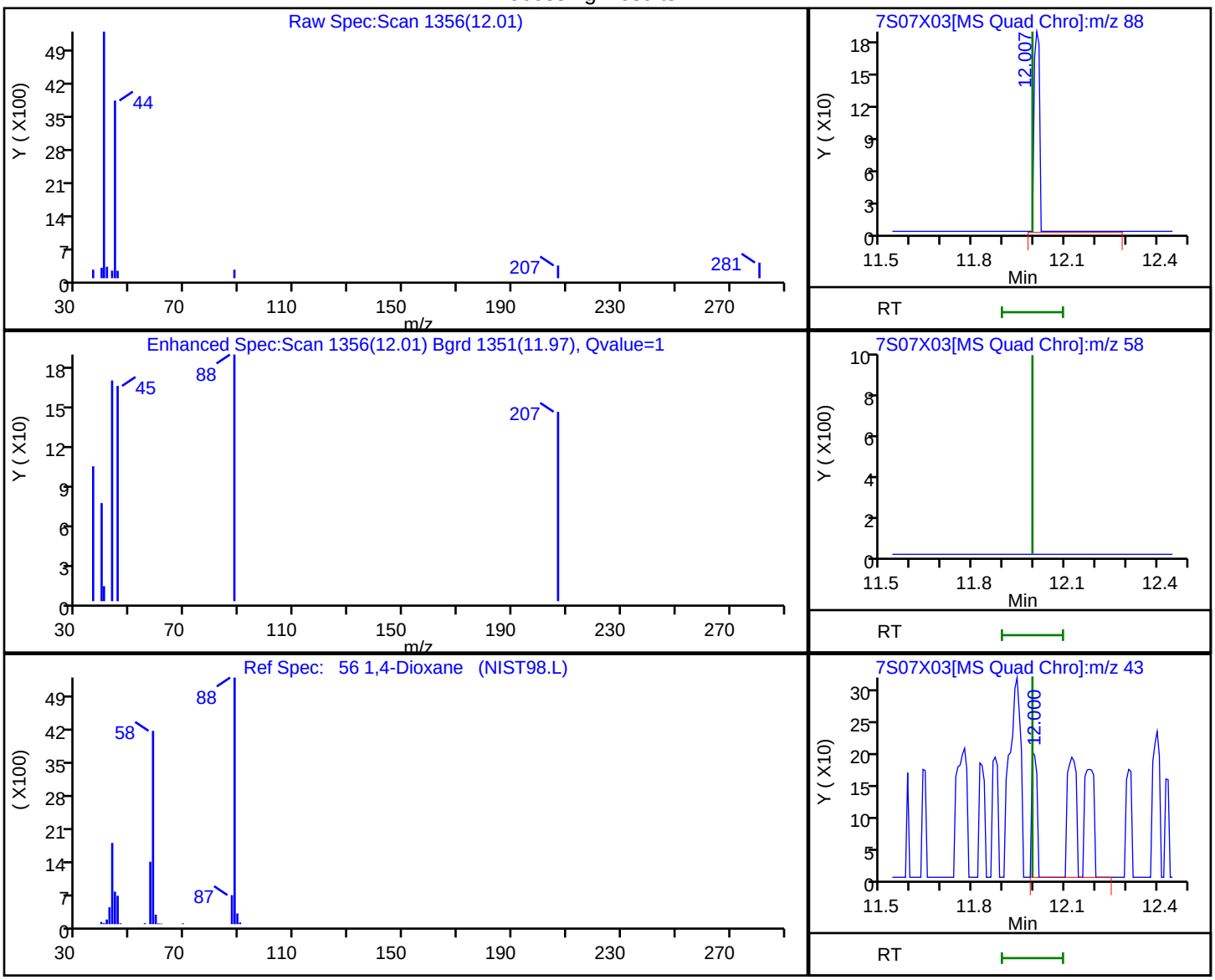
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.01 | 88.00 | 218 | 0.016460 |
| 11.99 | 58.00 | 0 | |
| 12.00 | 43.00 | 960 | |

Reviewer: D7UM, 10-Sep-2025 10:02:07 -04:00:00 (UTC)

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

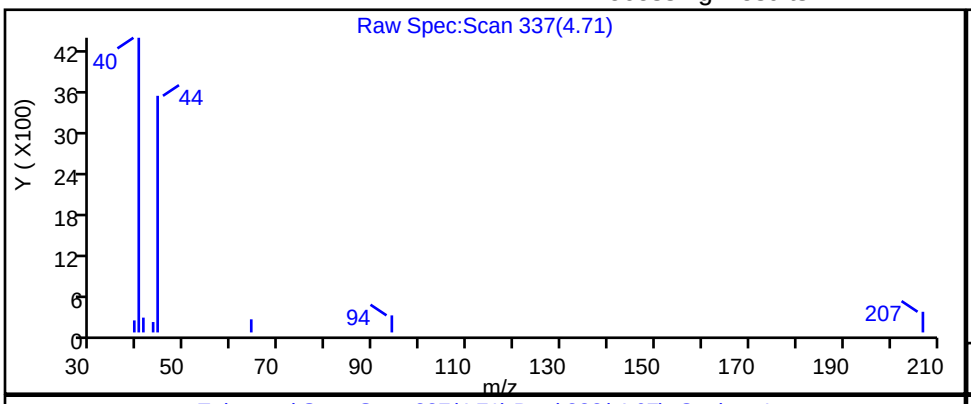
User Disabled Compound Report

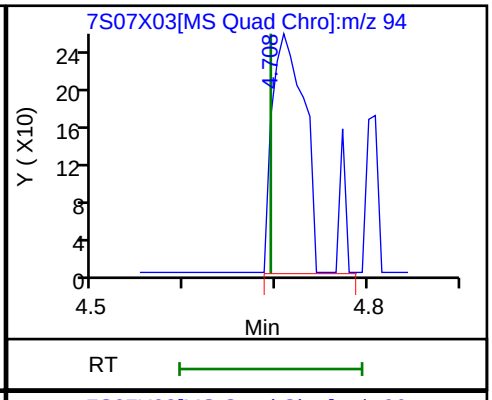
Eurofins Lancaster Laboratories Environment Testing, LLC

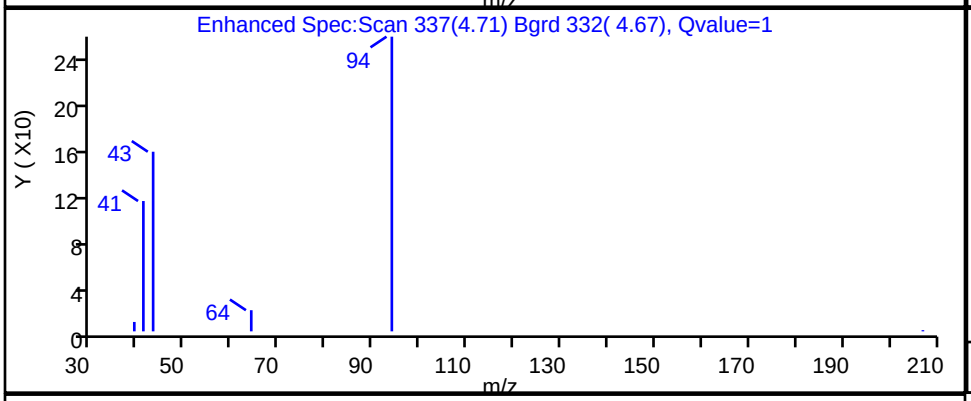
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

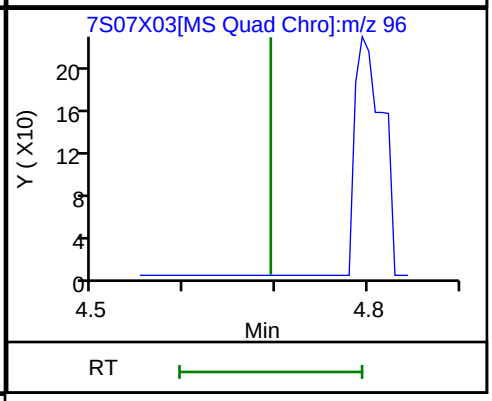
## 8 Bromomethane, CAS: 74-83-9

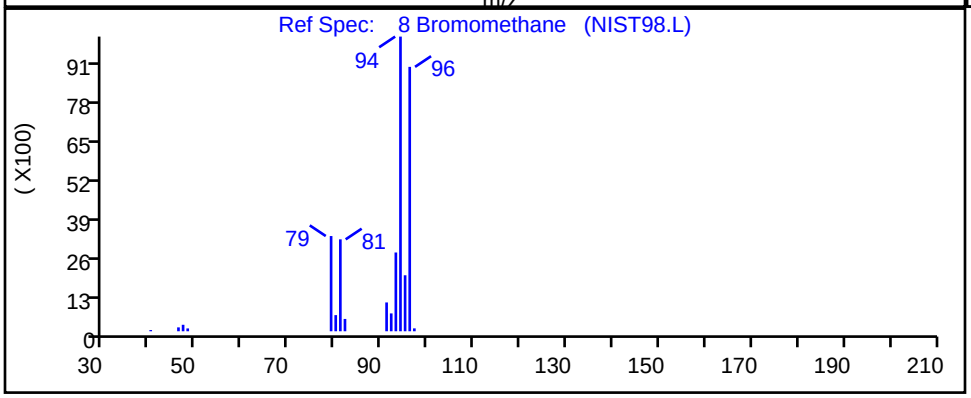
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.71 | 94.00 | 670 | 0.031451 |
| 4.69 | 96.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:24:25 -04:00:00 (UTC)

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

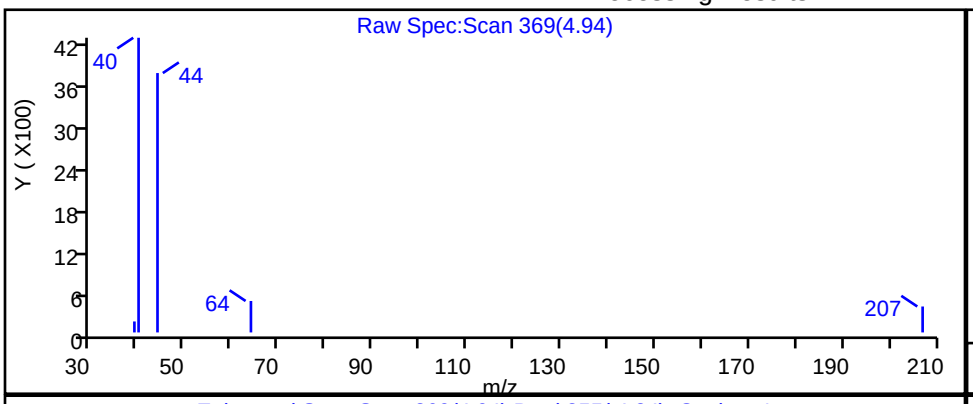
User Disabled Compound Report

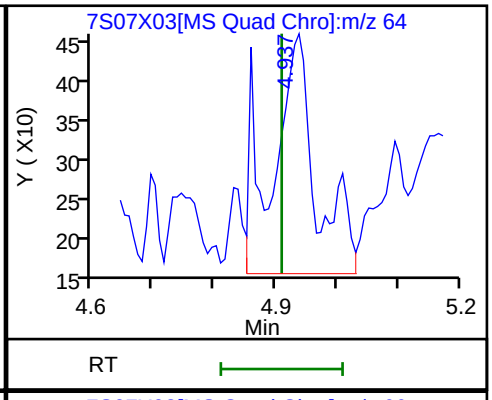
Eurofins Lancaster Laboratories Environment Testing, LLC

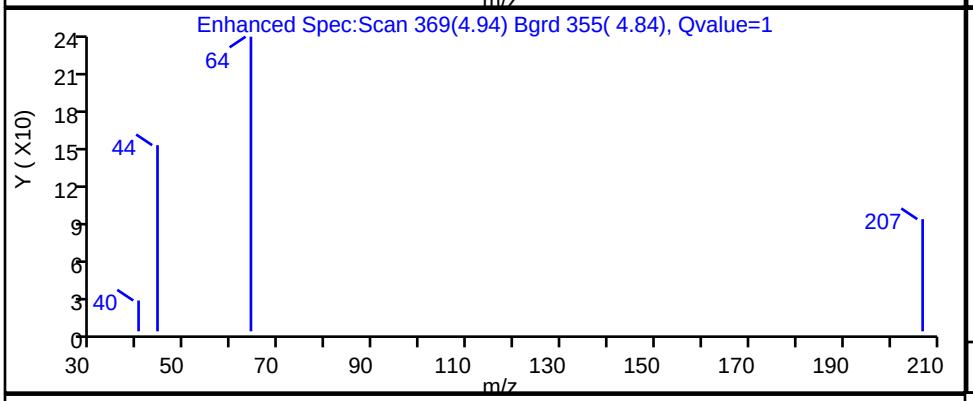
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

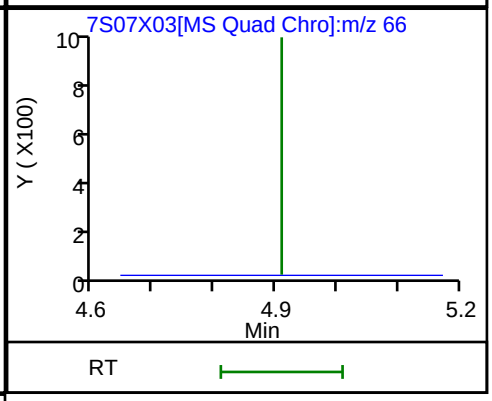
## 9 Chloroethane, CAS: 75-00-3

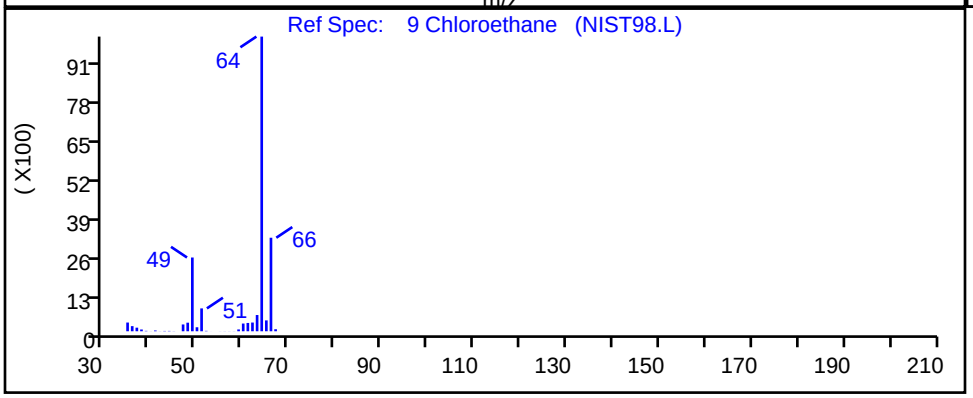
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.94 | 64.00 | 1453 | 0.052255 |
| 4.91 | 66.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:24:28 -04:00:00 (UTC)

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

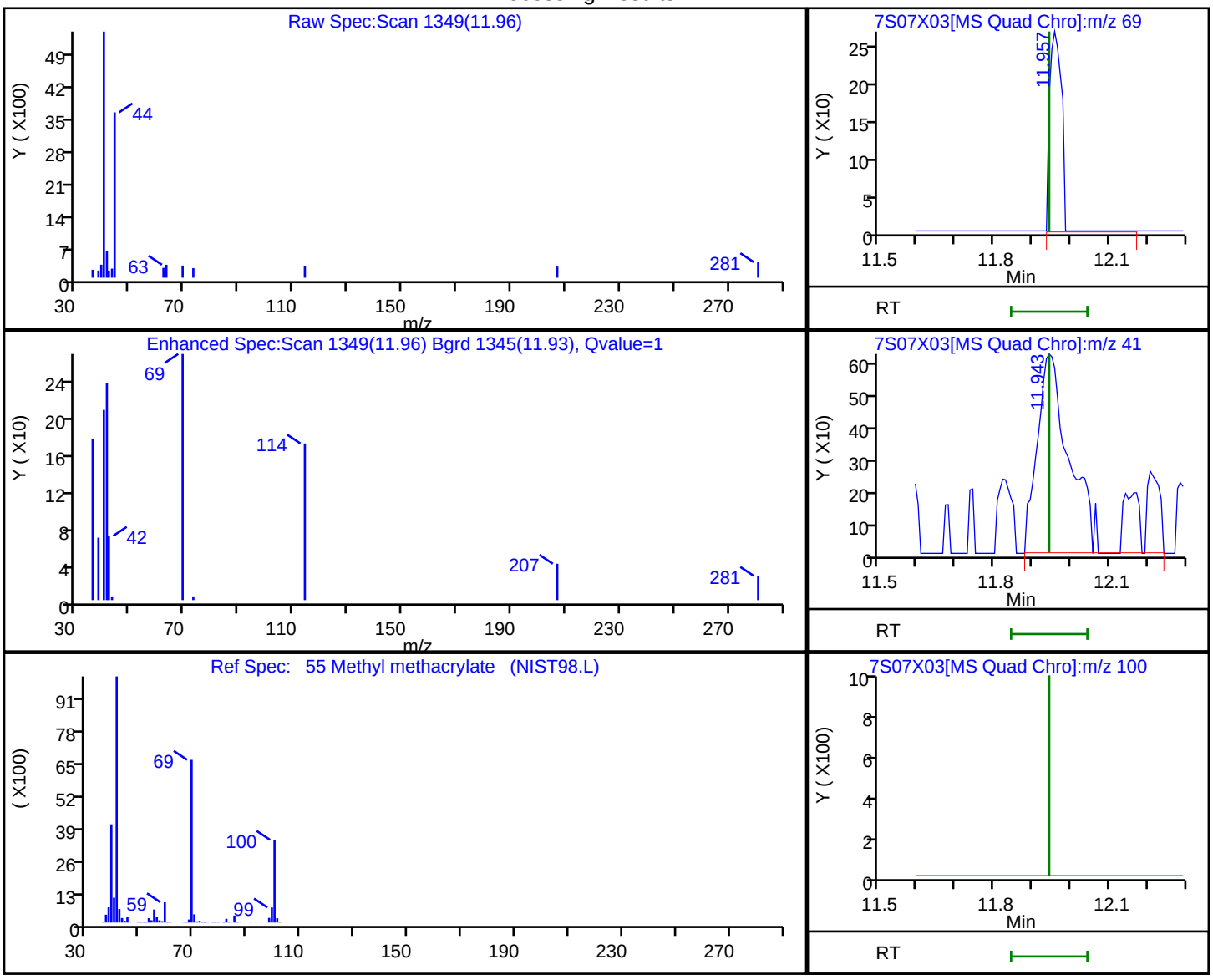
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.96 | 69.00 | 564 | 0.018105 |
| 11.94 | 41.00 | 4735 | |
| 11.94 | 100.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:26:55 -04:00:00 (UTC)

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

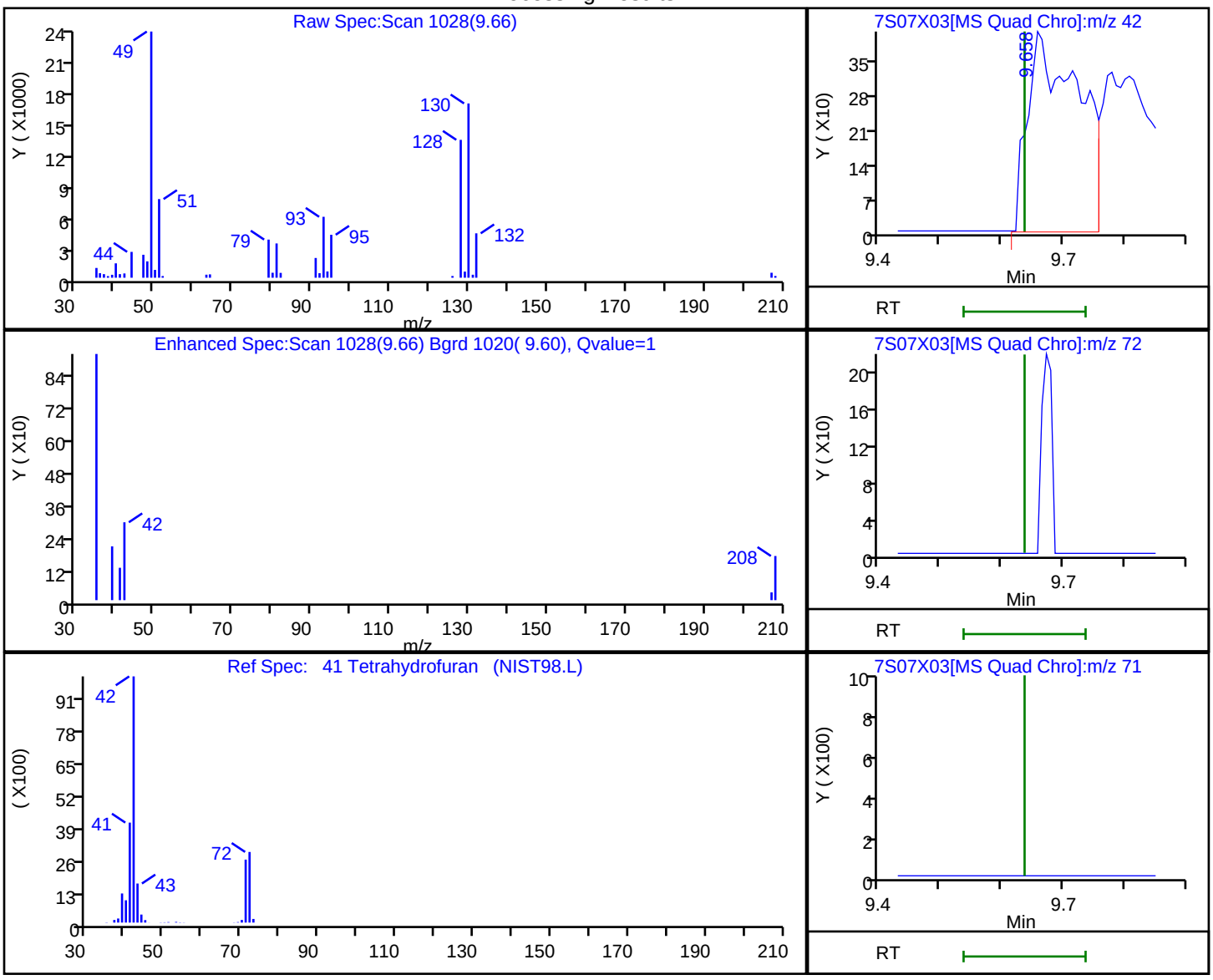
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.66 | 42.00 | 2296 | 0.049430 |
| 9.64 | 72.00 | 0 | |
| 9.64 | 71.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:26:11 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Lims ID: IC Cal 0.05ppb
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Sep-2025 23:25:34 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.05PPB
Misc. Info.: 410-0158855-004
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:03 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:45:29

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 73 | 1837 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 58 | 3617 | 0.0500 | 0.0476 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 29 | 2393 | 0.0500 | 0.0556 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 62 | 3337 | 0.0500 | 0.0493 | |
| 5 Chloromethane | 50 | 3.763 | 3.770 | -0.007 | 60 | 2811 | 0.0500 | 0.1032 | M |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 53 | 3142 | 0.0500 | 0.0615 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 12 | 1442 | 0.0500 | 0.0520 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 56 | 1239 | 0.0500 | 0.0577 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 9 | 1034 | 0.0500 | 0.0501 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 38 | 1042 | 0.0500 | 0.0622 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 55 | 1507 | 0.0500 | 0.0561 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 17 | 3538 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 43 | 3462 | 0.0500 | 0.0500 | |
| 11 Pentane | 43 | 5.589 | 5.582 | 0.007 | 72 | 3417 | NC | NC | |
| 19 Acrolein | 56 | 6.184 | 6.148 | 0.036 | 60 | 664 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.342 | 6.349 | -0.007 | 56 | 2701 | 0.0500 | 0.0576 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.377 | 6.370 | 0.007 | 38 | 1705 | 0.0500 | 0.0494 | |
| 23 Acetone | 43 | 6.392 | 6.377 | 0.015 | 87 | 4269 | 0.0500 | 0.0863 | M |
| 20 Isopropyl alcohol | 45 | 6.607 | 6.592 | 0.015 | 57 | 1907 | 0.0500 | 0.0521 | M |
| 18 Iodomethane | 142 | 6.614 | 6.606 | 0.008 | 18 | 1625 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 90 | 6080 | 0.0500 | 0.0613 | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 48 | 3677 | 0.0500 | 0.0806 | M |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 60 | 1811 | 0.0500 | 0.0690 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 30 | 1589 | 0.0570 | 0.0523 | |
| 31 Acrylonitrile | 53 | 7.552 | 7.531 | 0.021 | 66 | 1099 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 67 | 3859 | 0.0500 | 0.0538 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.667 | 7.659 | 0.008 | 55 | 3014 | 0.0500 | 0.0605 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 59 | 1276 | 0.0500 | 0.0496 | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 9 | 3353 | 0.0500 | 0.0552 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 82 | 4850 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 74 | 4042 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 16 | 3313 | 0.0500 | 0.0586 | |
| 38 Ethyl acetate | 70 | 9.257 | 9.243 | 0.015 | 51 | 284 | NC | NC | M |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 332852 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.651 | 9.636 | 0.015 | 53 | 2873 | 0.0500 | 0.0706 | M |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 54 | 3973 | 0.0500 | 0.0583 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 32 | 3179 | 0.0500 | 0.0529 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 64 | 2625 | 0.0500 | 0.0553 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 50 | 2502 | 0.0500 | 0.0450 | M |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 538737 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 27 | 5461 | 0.0500 | 0.0547 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 26 | 2616 | 0.0500 | 0.0569 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 54 | 4066 | NC | NC | M |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 77 | 7765 | 0.0500 | 0.0508 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 18 | 1624 | 0.0500 | 0.0538 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1234157 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 59 | 2140 | 0.0500 | 0.0539 | |
| 52 Ethyl acrylate | 55 | 11.649 | 11.635 | 0.014 | 35 | 2499 | NC | NC | M |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 51 | 2569 | 0.0500 | 0.0619 | |
| 55 Methyl methacrylate | 69 | 11.957 | 11.943 | 0.014 | 57 | 1365 | 0.0500 | 0.0433 | |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 16 | 790 | 0.0500 | 0.0586 | |
| 51 Dibromomethane | 174 | 12.051 | 12.043 | 0.008 | 71 | 2285 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 48 | 3615 | 0.0500 | 0.0497 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 58 | 3425 | 0.0500 | 0.0586 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 87 | 4376 | 0.0500 | 0.0569 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1382192 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 70 | 7152 | 0.0500 | 0.0591 | M |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 72 | 5143 | NC | NC | M |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 54 | 2644 | 0.0500 | 0.0545 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 52 | 2499 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 50 | 2118 | 0.0500 | 0.0522 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 80 | 4334 | 0.0500 | 0.0832 | |
| 67 2-Hexanone | 43 | 13.734 | 13.719 | 0.015 | 58 | 3252 | 0.0500 | 0.0442 | M |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 46 | 2628 | 0.0500 | 0.0504 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 63 | 2988 | 0.0500 | 0.0491 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1174502 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 44 | 5321 | 0.0500 | 0.0581 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 81 | 7430 | 0.0500 | 0.0509 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 33 | 2380 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 94 | 11021 | 0.1000 | 0.1017 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 79 | 5496 | 0.0500 | 0.0510 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 76 | 3758 | 0.0500 | 0.0480 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 50 | 2619 | 0.0500 | 0.0464 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 10 | 6726 | 0.0500 | 0.0499 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 3 | 5364 | 0.0500 | 0.0579 | |
| 83 1,2,3-Trichloropropane | 110 | 15.546 | 15.539 | 0.007 | 48 | 1278 | NC | NC | a |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 77 | 2823 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 46 | 2016 | 0.0500 | 0.0551 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.661 | 0.007 | 70 | 5617 | 0.0500 | 0.0417 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 78 | 1865 | 0.0500 | 0.0534 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 45 | 5037 | 0.0500 | 0.0467 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 69 | 3064 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 75 | 4478 | 0.0500 | 0.0417 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 61 | 5932 | 0.0500 | 0.0520 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 75 | 8034 | 0.0500 | 0.0491 | M |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 82 | 6904 | 0.0500 | 0.0532 | M |
| 89 1,3-Dichlorobenzene | 146 | 16.234 | 16.227 | 0.007 | 78 | 3685 | 0.0500 | 0.0488 | |
| 90 1,4-Dichlorobenzene | 146 | 16.305 | 16.298 | 0.007 | 77 | 4236 | 0.0500 | 0.0557 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 47 | 875 | 0.0500 | 0.0490 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 86 | 3565 | 0.0500 | 0.0509 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 61 | 3551 | 0.0500 | 0.0508 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 11 | 804 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 41 | 2103 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.889 | 17.881 | 0.007 | 32 | 1333 | 0.0500 | 0.0282 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 59 | 2293 | 0.0500 | 0.0539 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 56 | 3268 | 0.0500 | 0.0291 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 6327 | 0.1000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.1000 | 0.1131 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 16517 | 0.1500 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:47:14 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D

Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004

Lims ID: IC Cal 0.05ppb

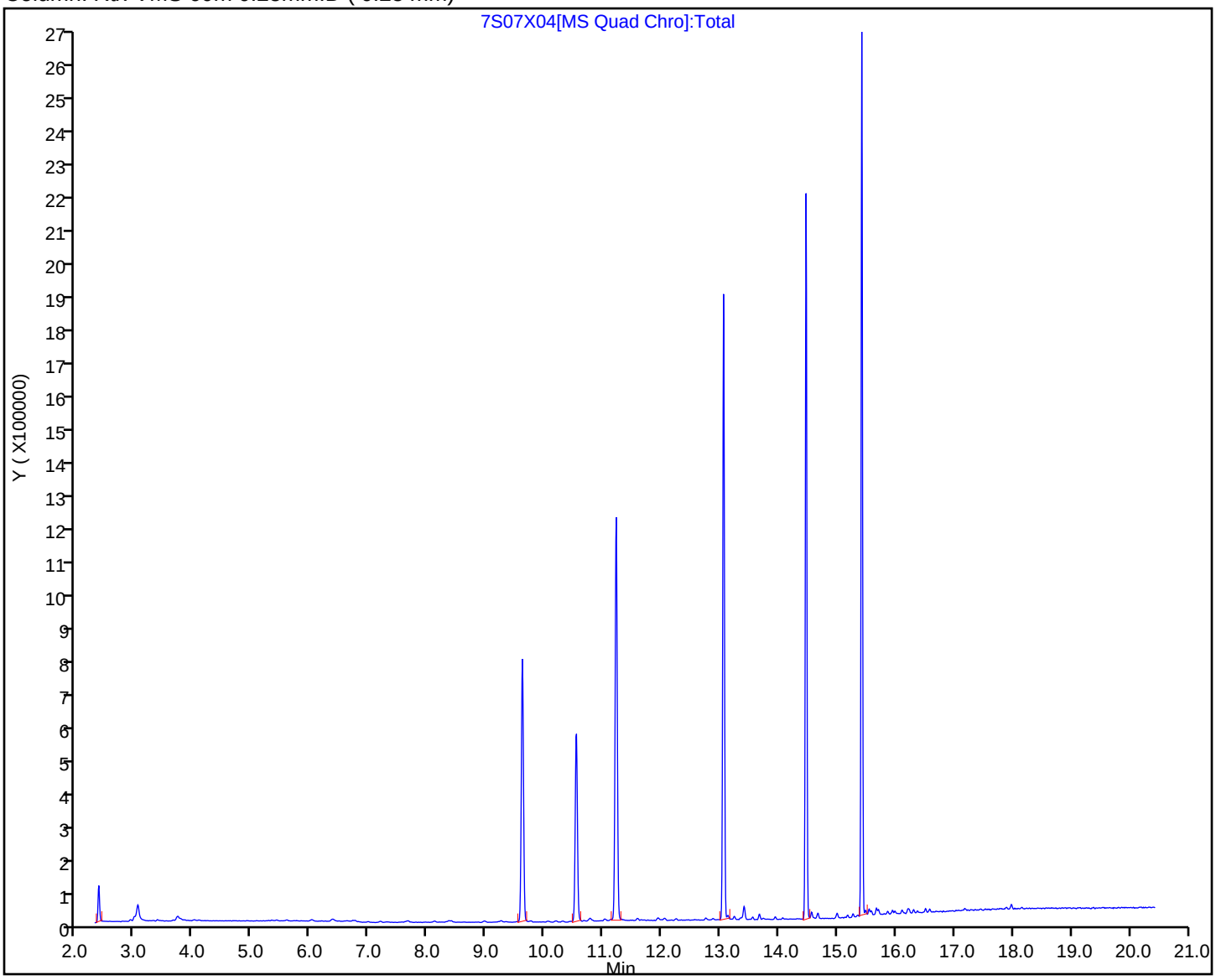
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

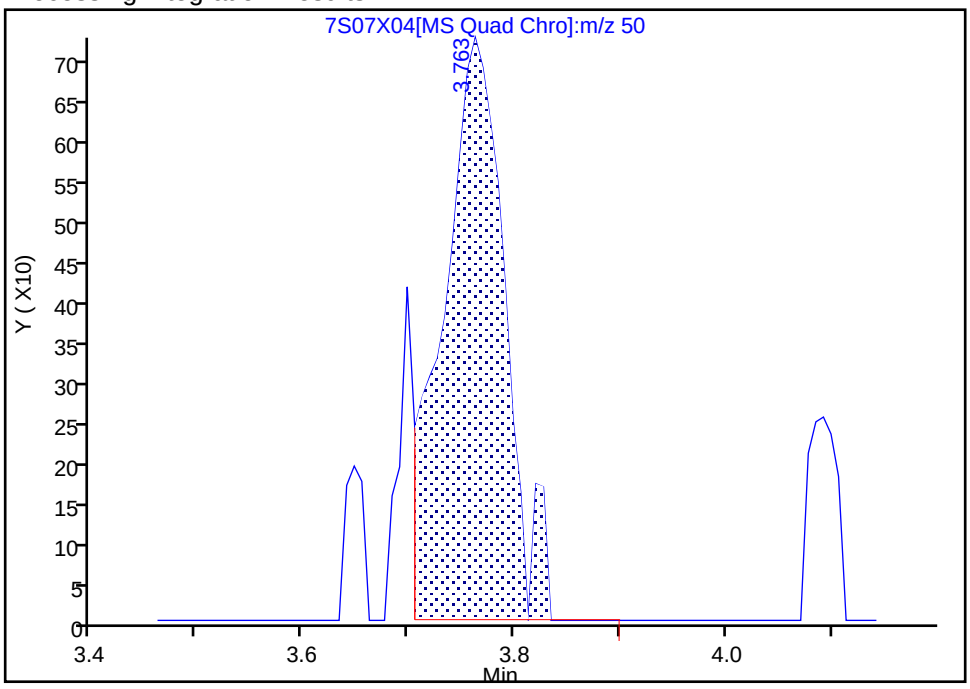
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

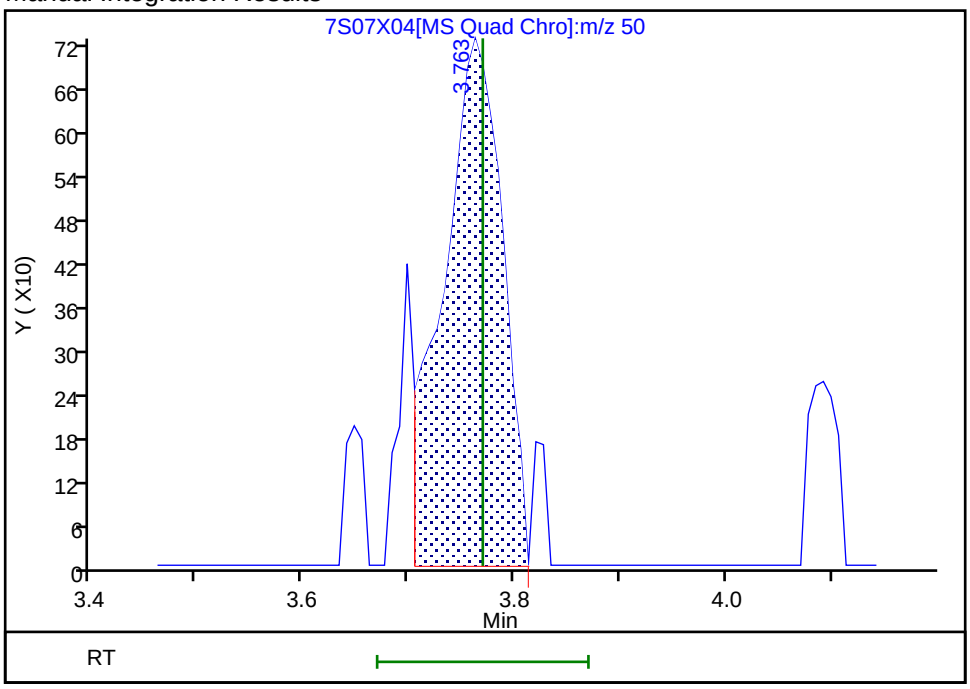
Processing Integration Results

RT: 3.76
Area: 2956
Amount: 0.081763
Amount Units: ppb v/v




Manual Integration Results

RT: 3.76
Area: 2811
Amount: 0.103230
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:47:26 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

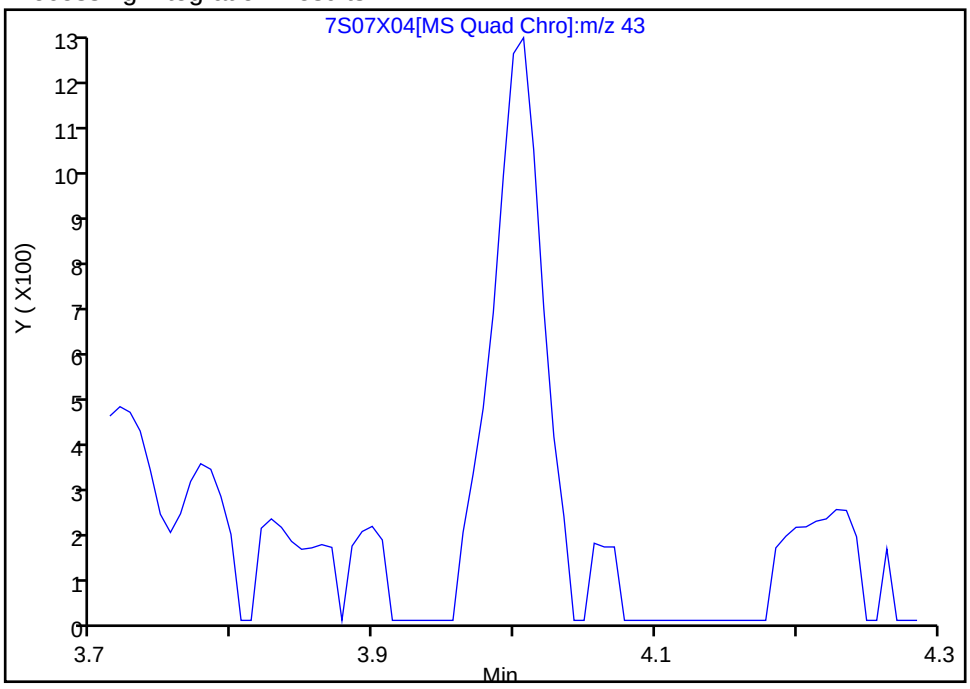
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

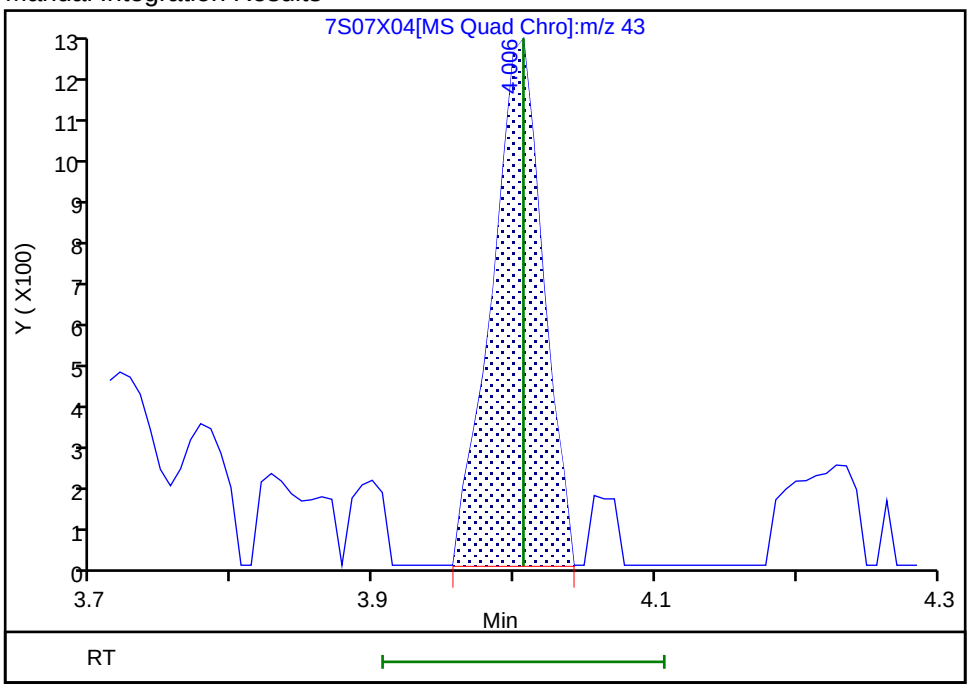
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 3142
Amount: 0.061480
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:08:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

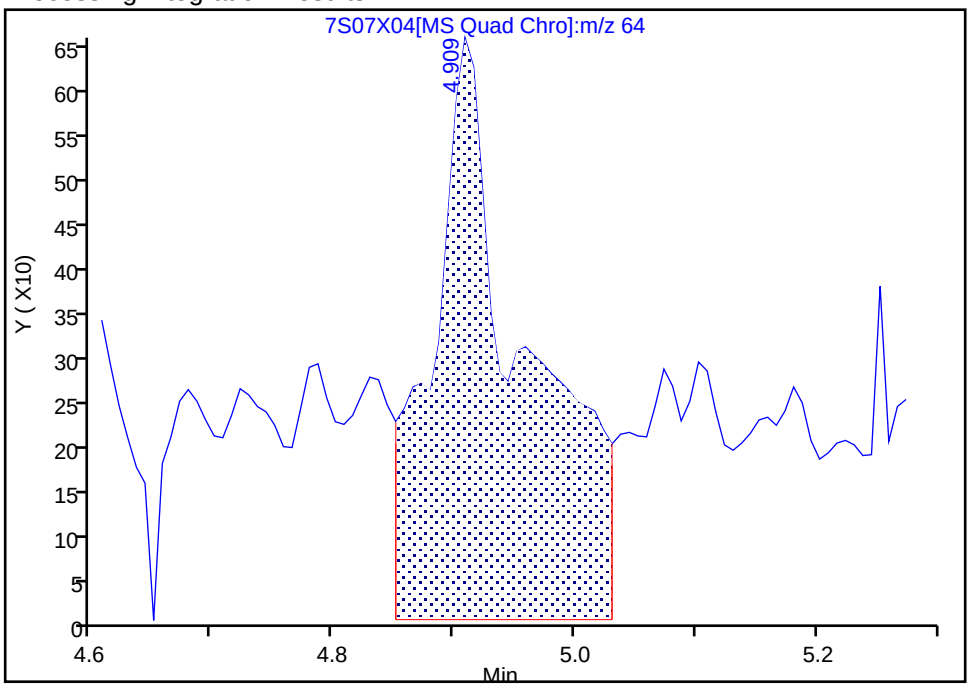
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

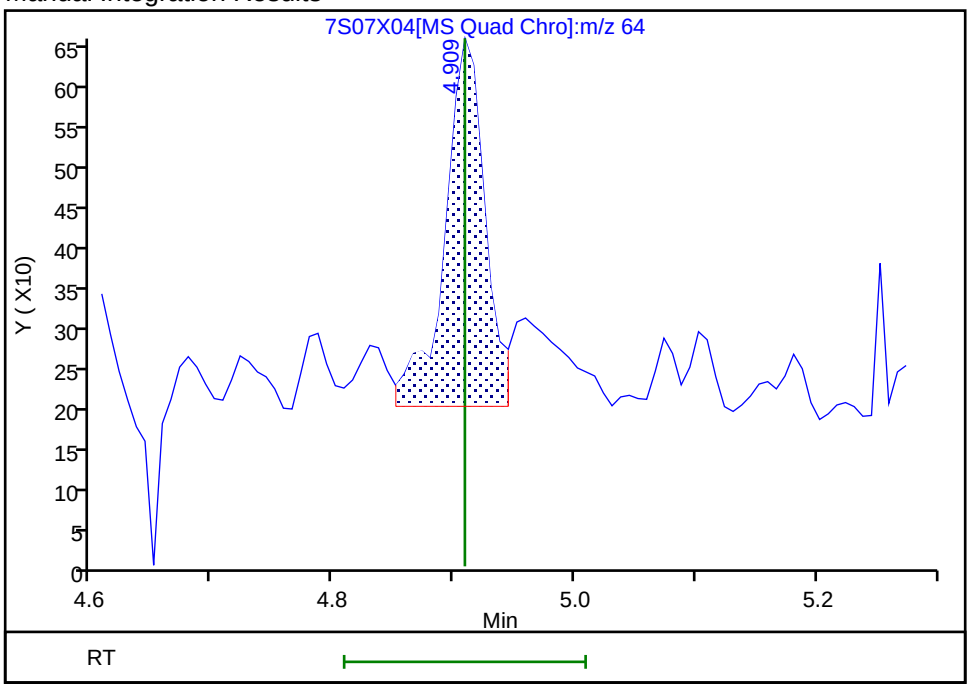
Processing Integration Results

RT: 4.91
Area: 3508
Amount: 0.145826
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 1042
Amount: 0.062235
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:30:32 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

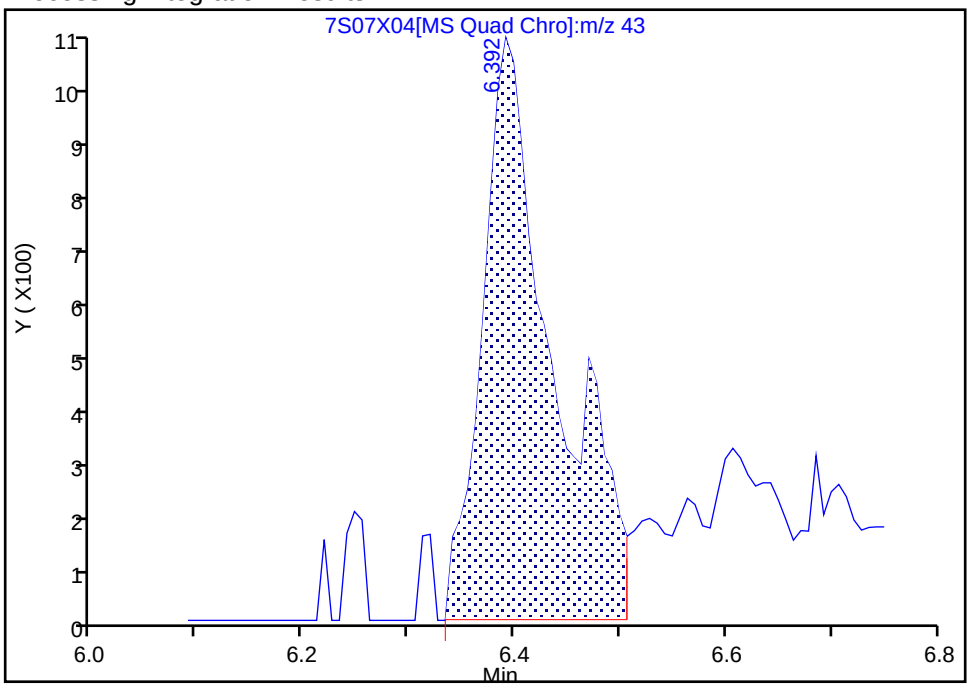
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

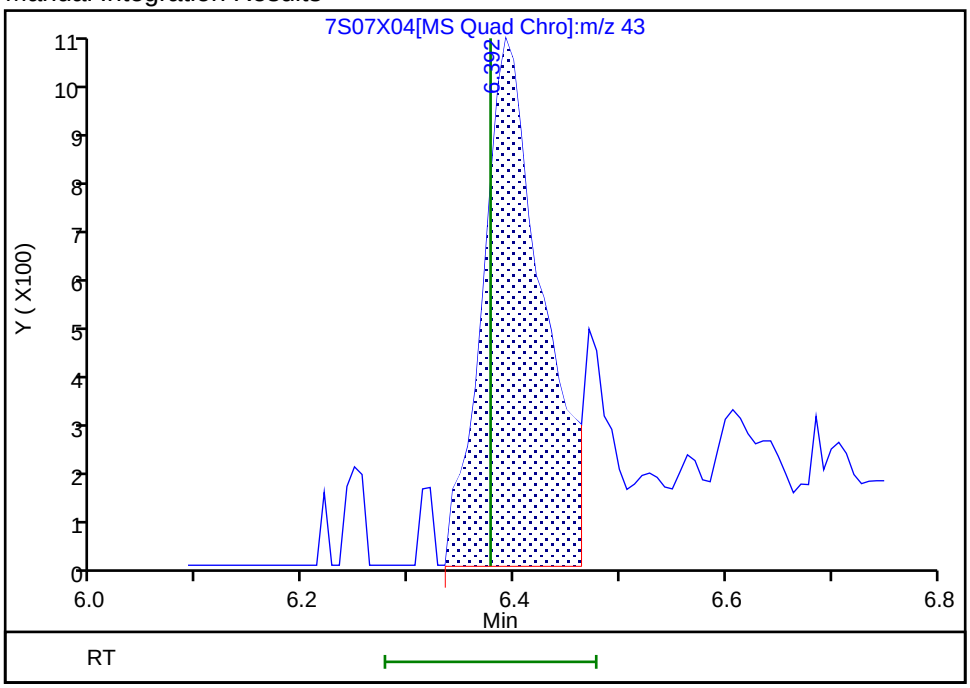
Processing Integration Results

RT: 6.39
Area: 5111
Amount: 0.072846
Amount Units: ppb v/v




Manual Integration Results

RT: 6.39
Area: 4269
Amount: 0.086312
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:51:04 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

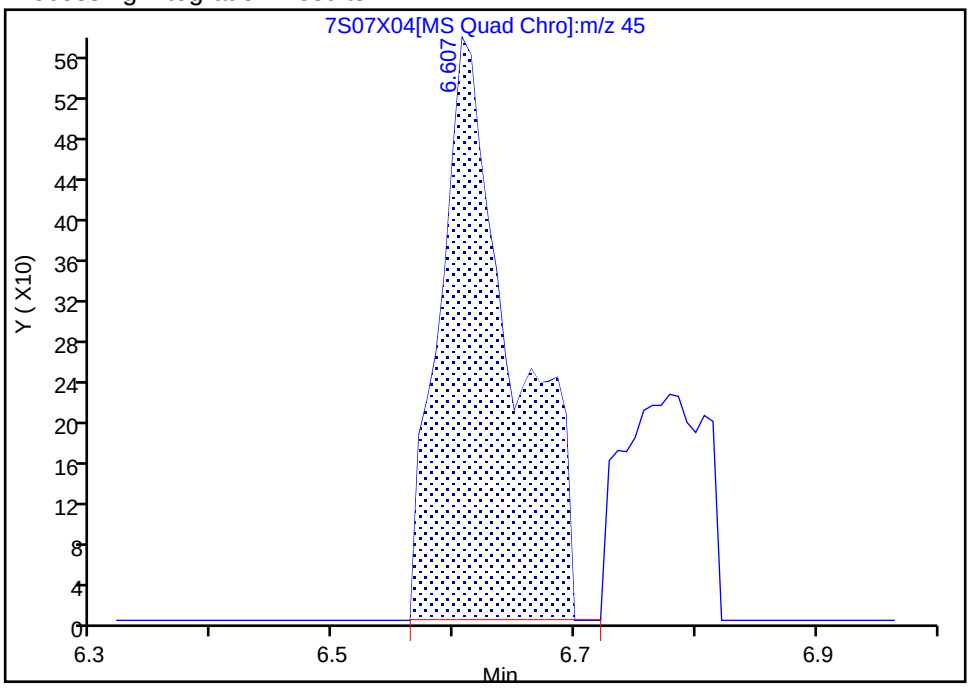
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

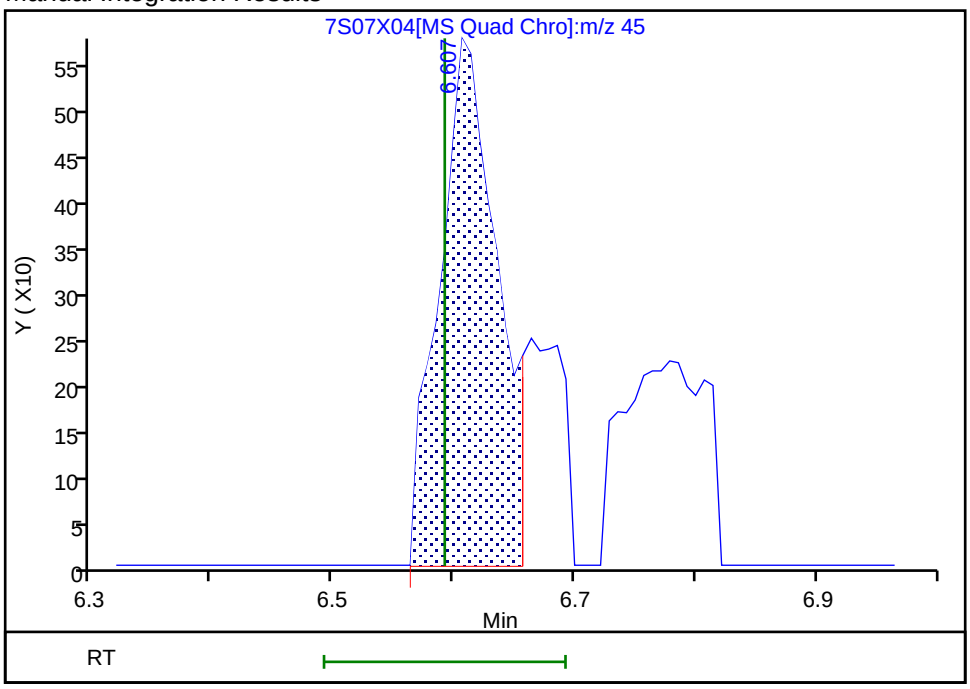
Processing Integration Results

RT: 6.61
Area: 2460
Amount: 0.055350
Amount Units: ppb v/v




Manual Integration Results

RT: 6.61
Area: 1907
Amount: 0.052094
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:31:08 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC

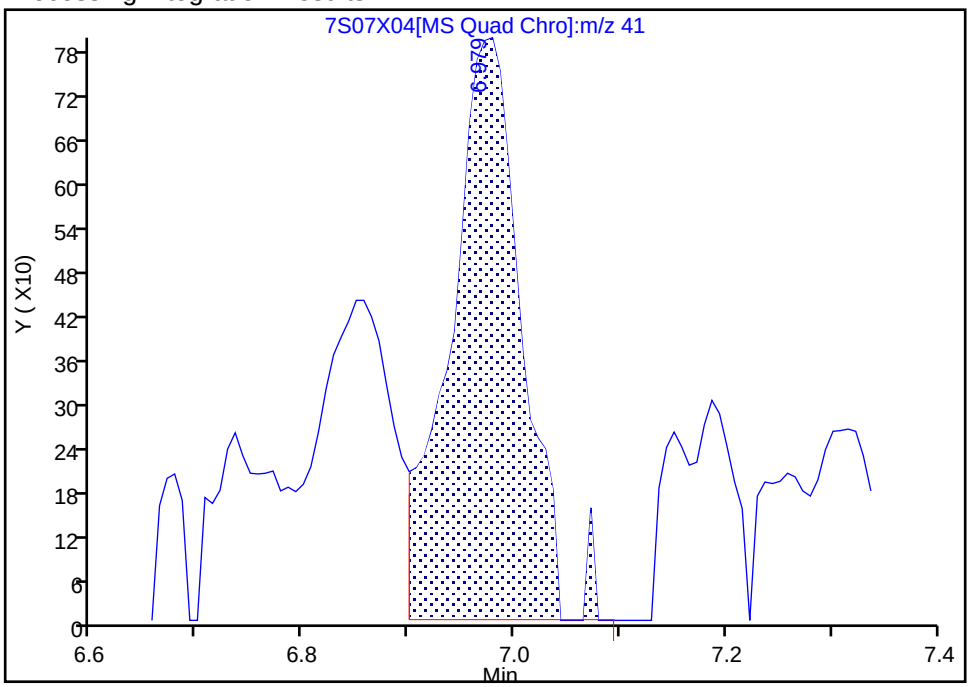
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

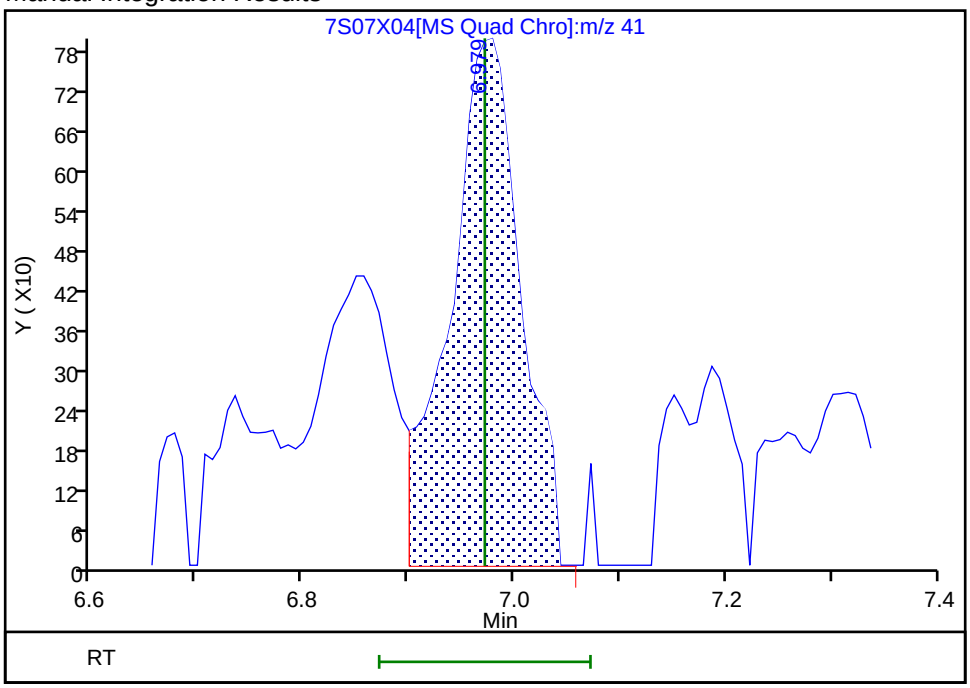
Processing Integration Results

RT: 6.98
Area: 3743
Amount: 0.076902
Amount Units: ppb v/v




Manual Integration Results

RT: 6.98
Area: 3677
Amount: 0.080562
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:33:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

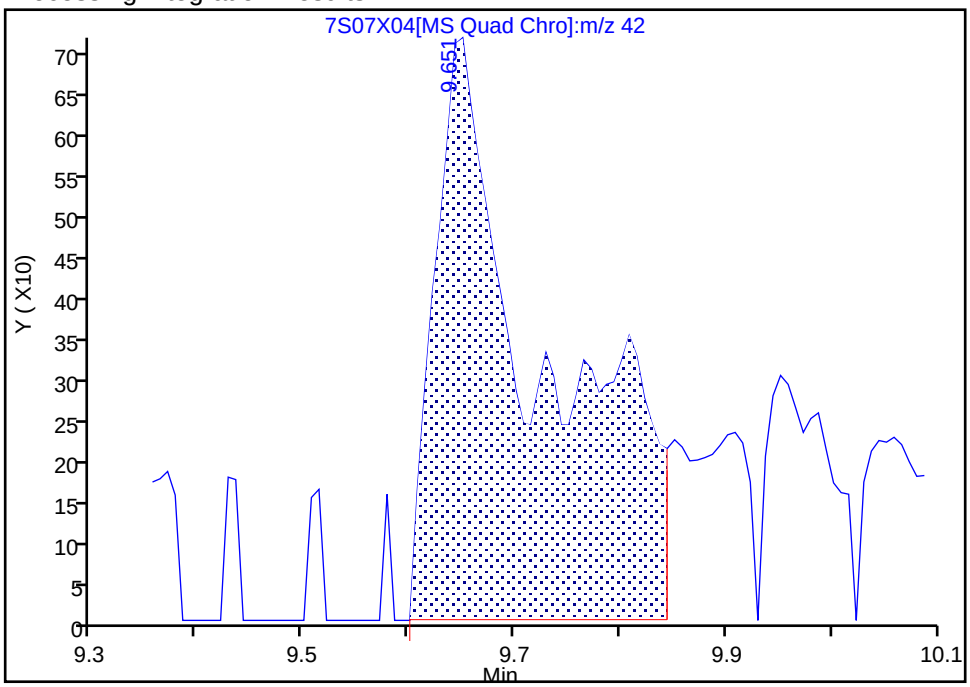
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

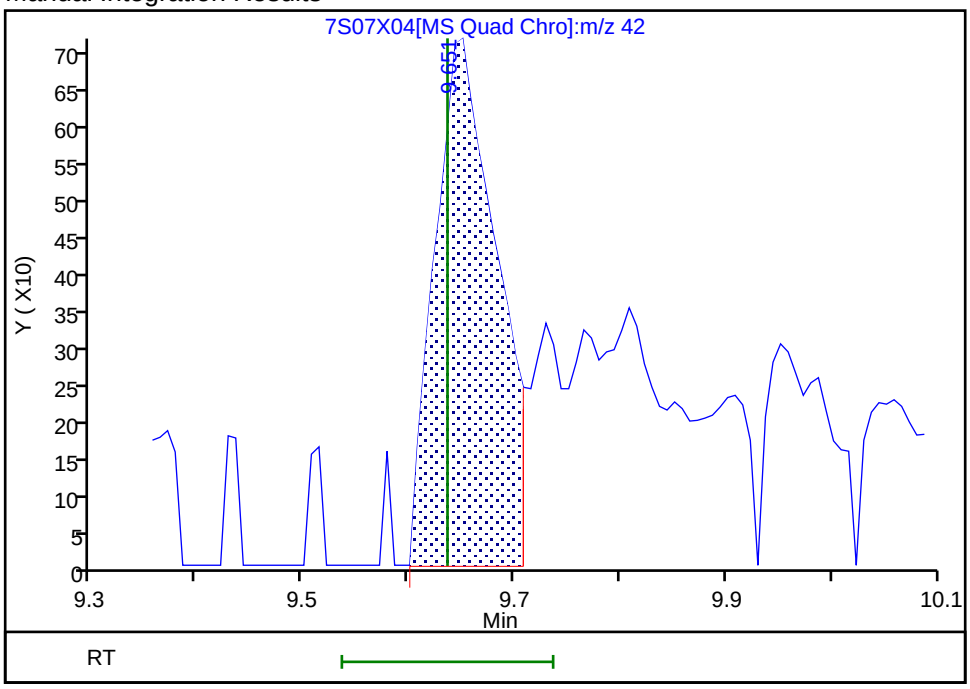
Processing Integration Results

RT: 9.65
Area: 5174
Amount: 0.100196
Amount Units: ppb v/v




Manual Integration Results

RT: 9.65
Area: 2873
Amount: 0.070592
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:53:22 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

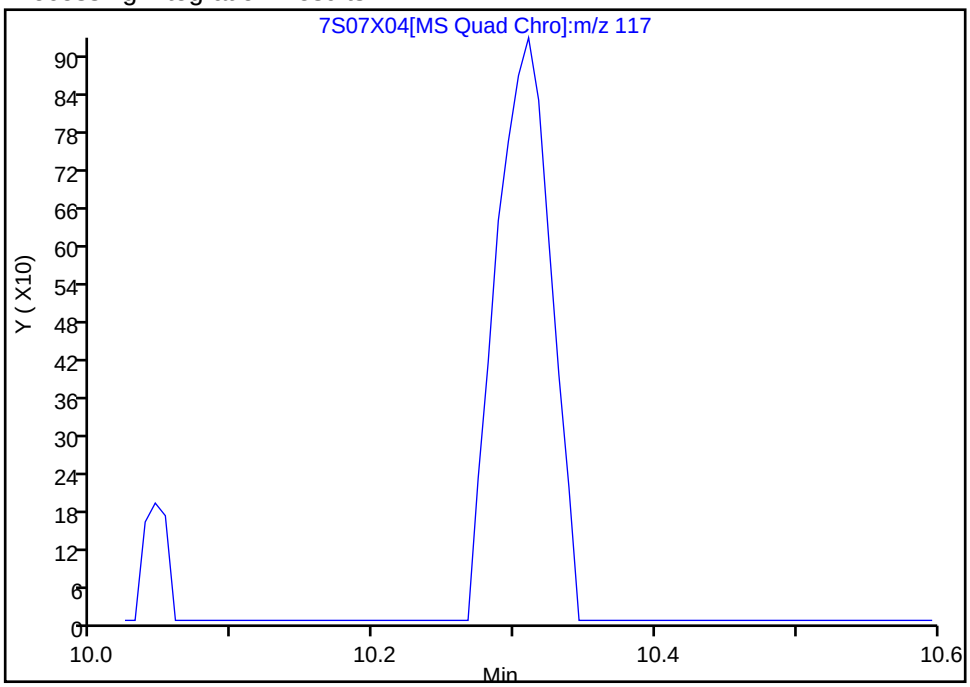
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

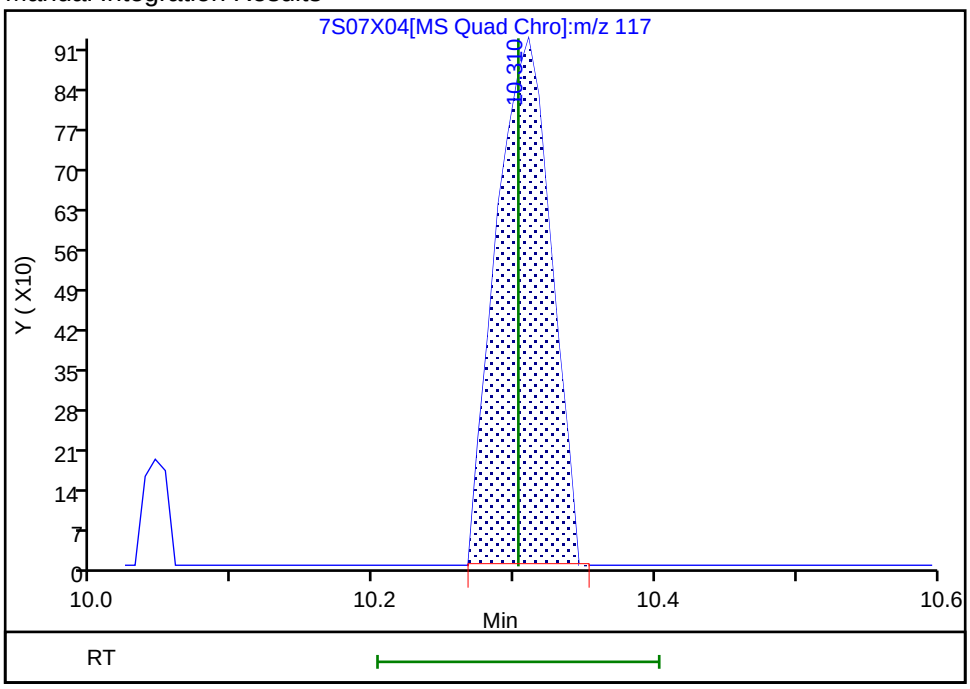
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.31
Area: 2502
Amount: 0.044980
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:54:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

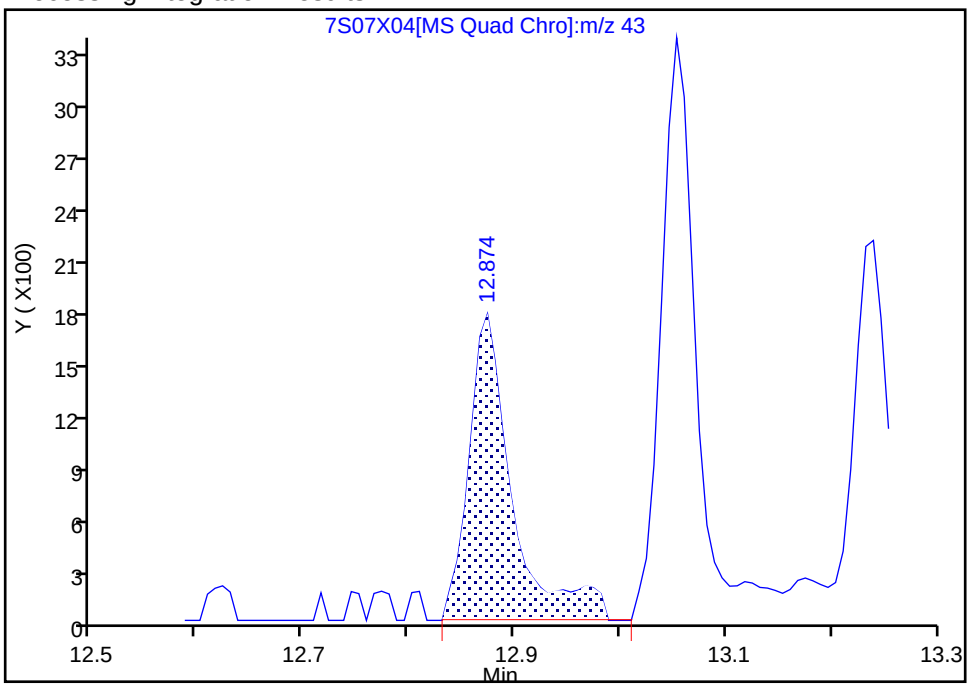
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

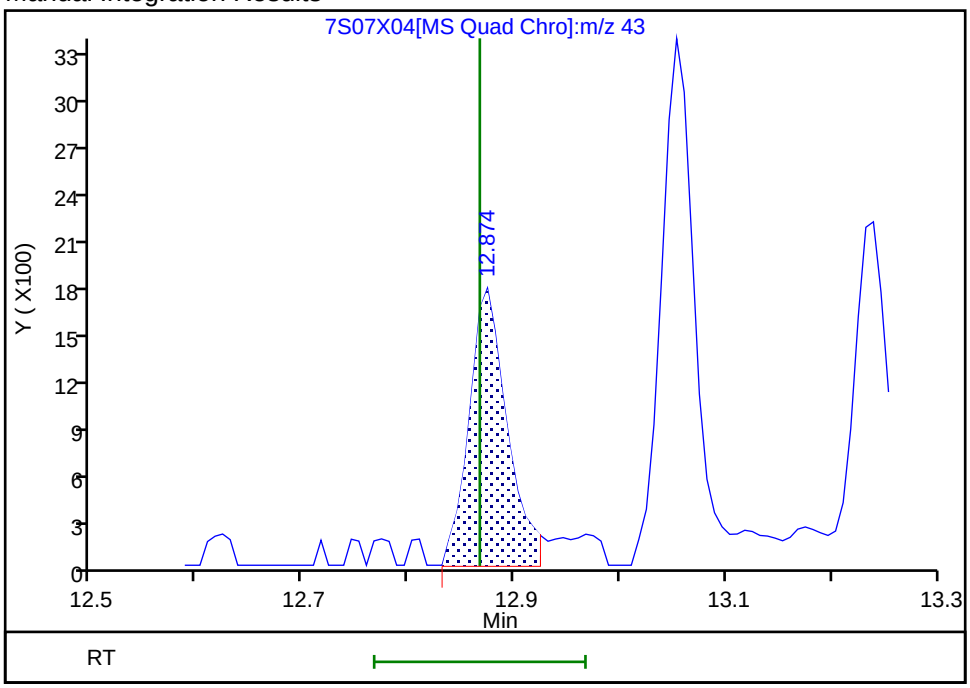
Processing Integration Results

RT: 12.87
Area: 5007
Amount: 0.063076
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 4376
Amount: 0.056940
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:02:42 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

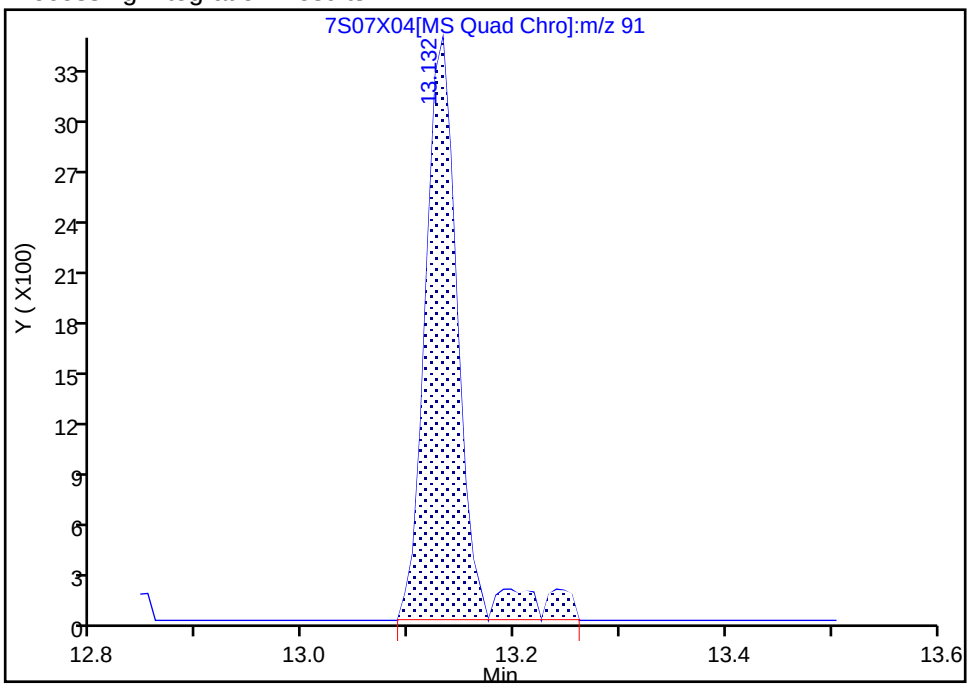
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

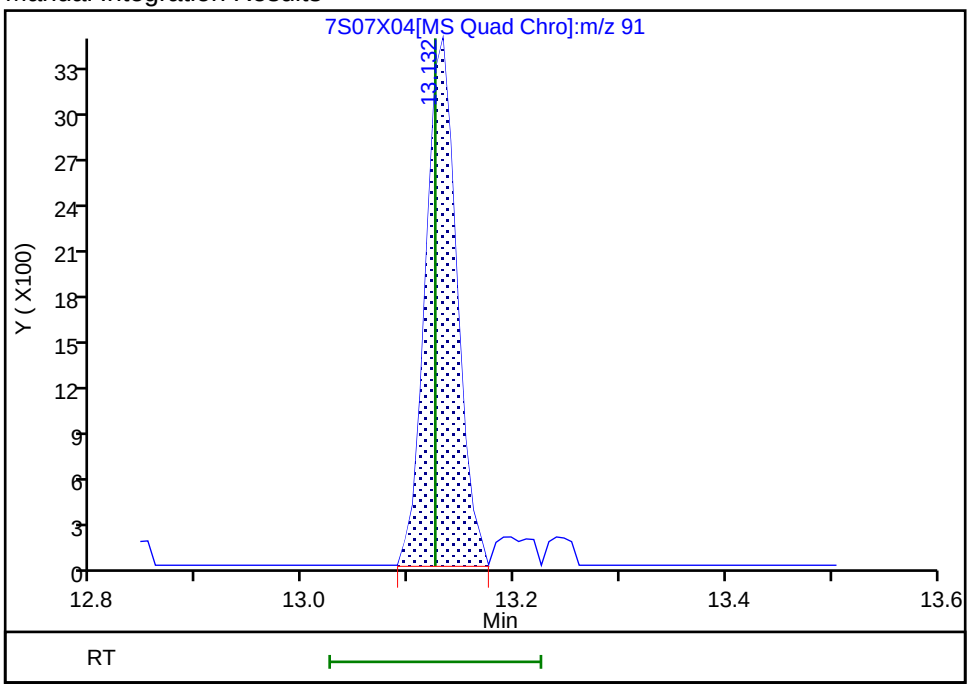
Processing Integration Results

RT: 13.13
Area: 7885
Amount: 0.059973
Amount Units: ppb v/v




Manual Integration Results

RT: 13.13
Area: 7152
Amount: 0.059141
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:55:18 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

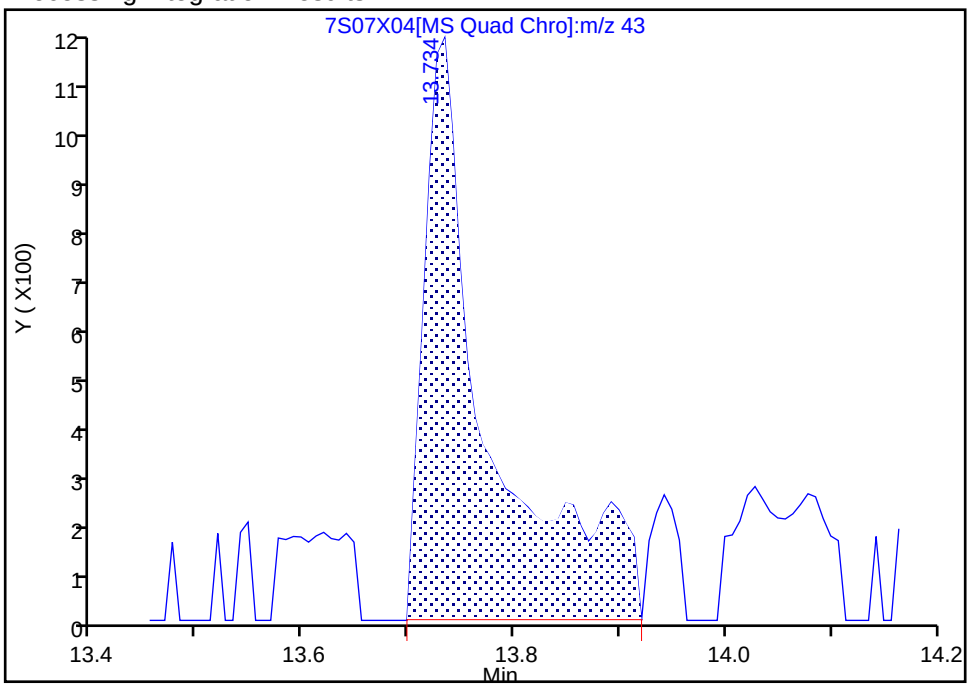
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

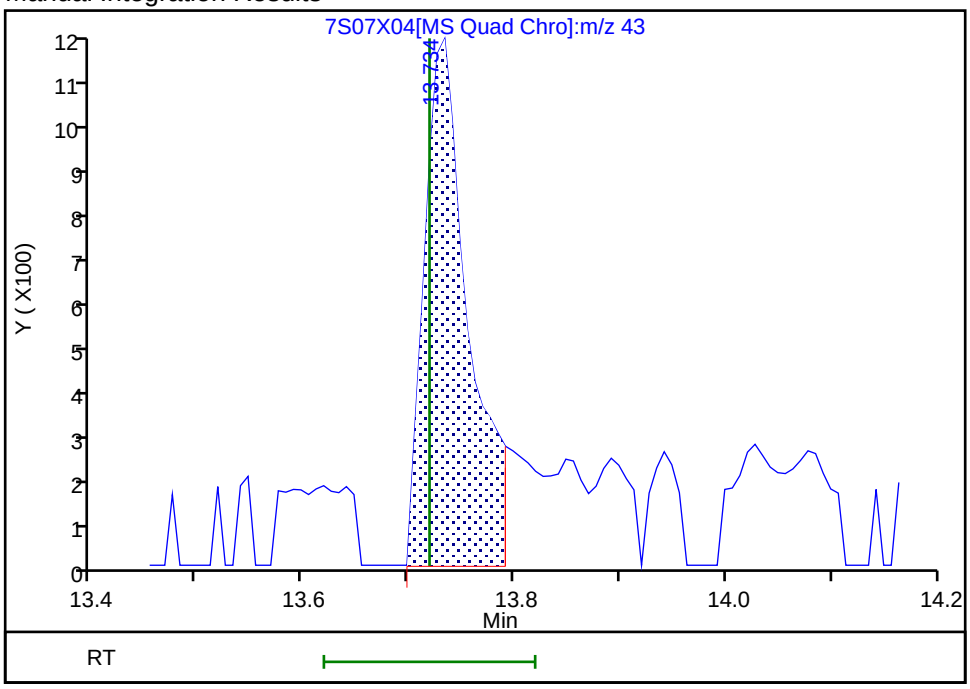
Processing Integration Results

RT: 13.73
Area: 4785
Amount: 0.061061
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 3252
Amount: 0.044150
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:08 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

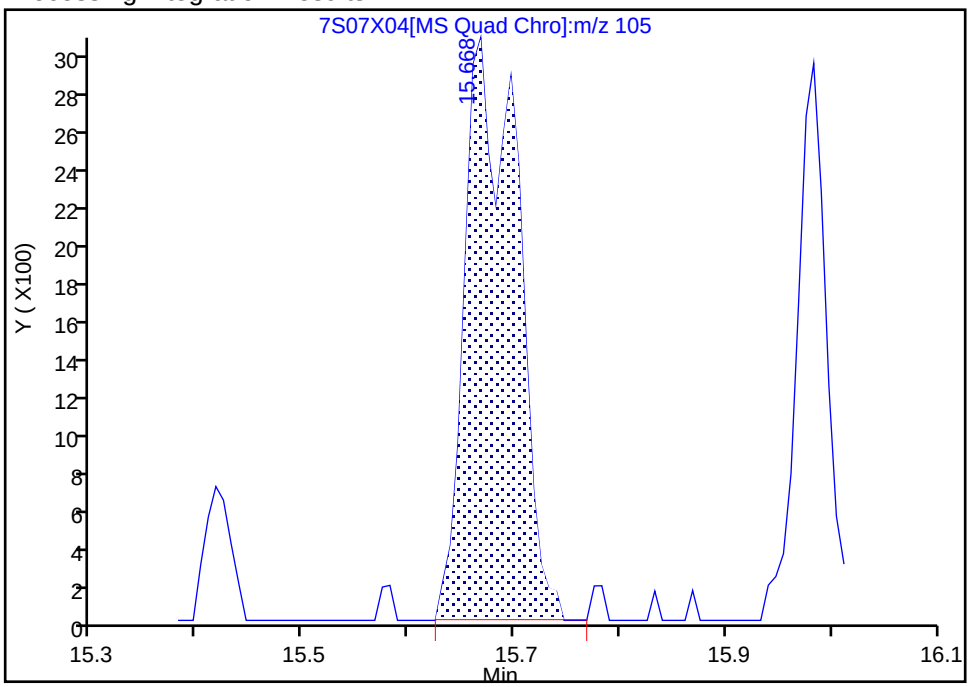
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

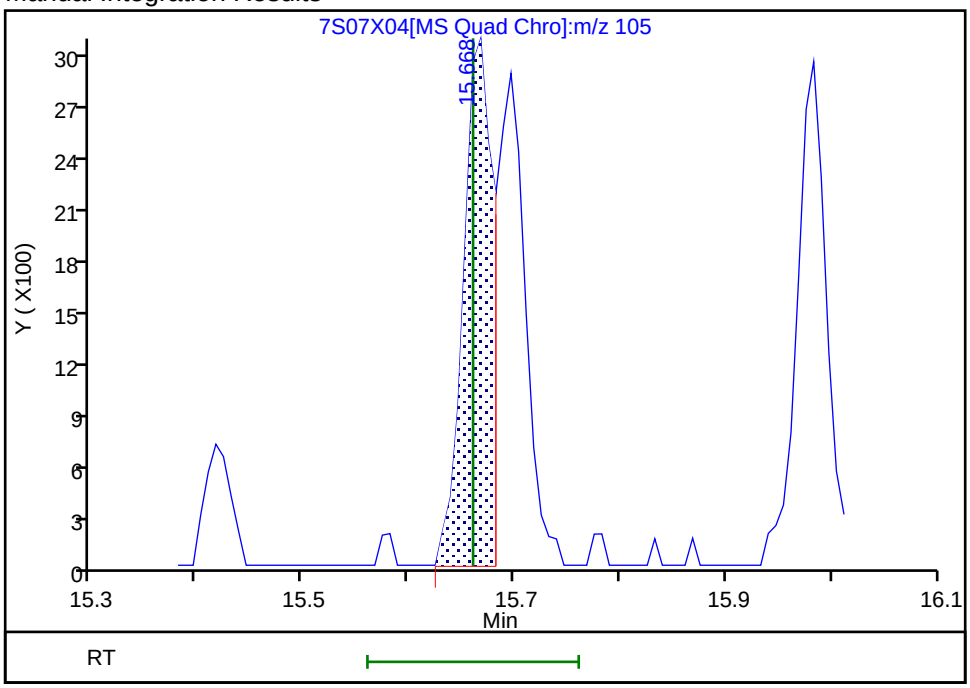
Processing Integration Results

RT: 15.67
Area: 10655
Amount: 0.054652
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 5617
Amount: 0.041686
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:01 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

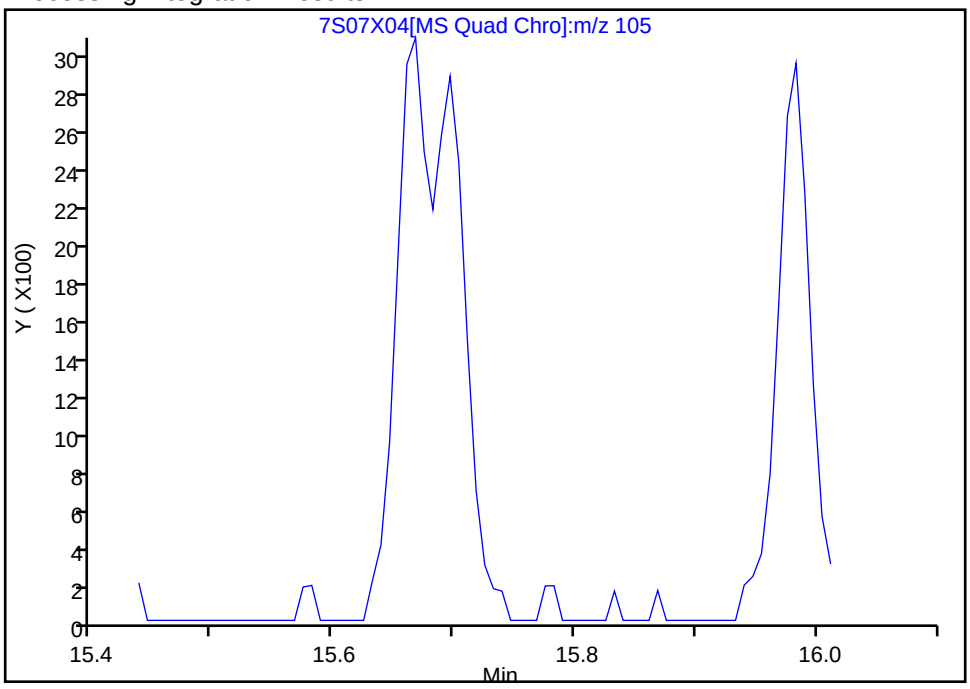
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

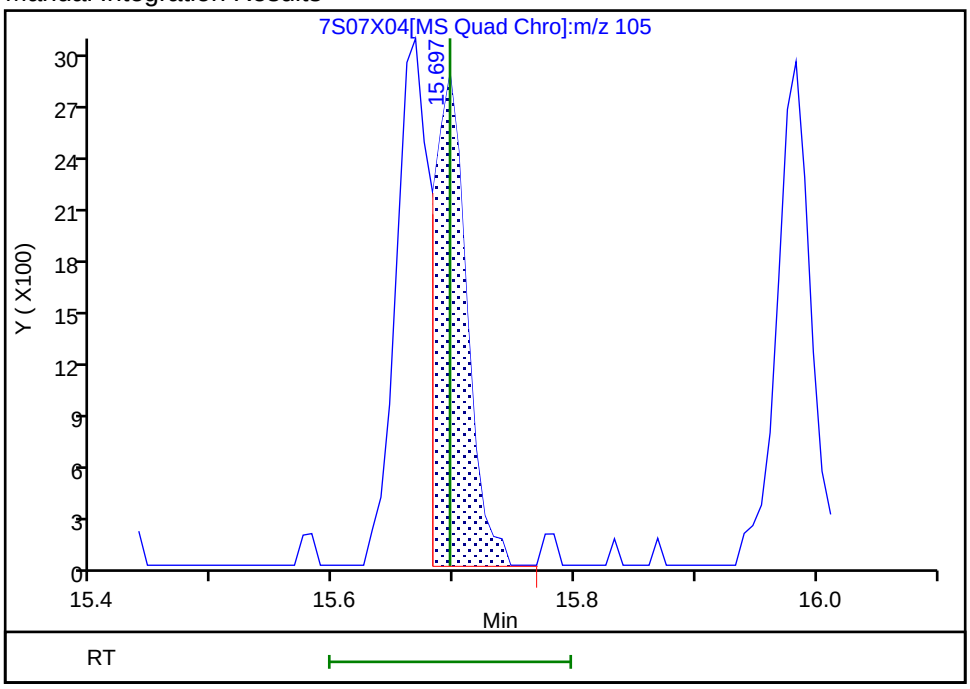
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 5037
Amount: 0.046696
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

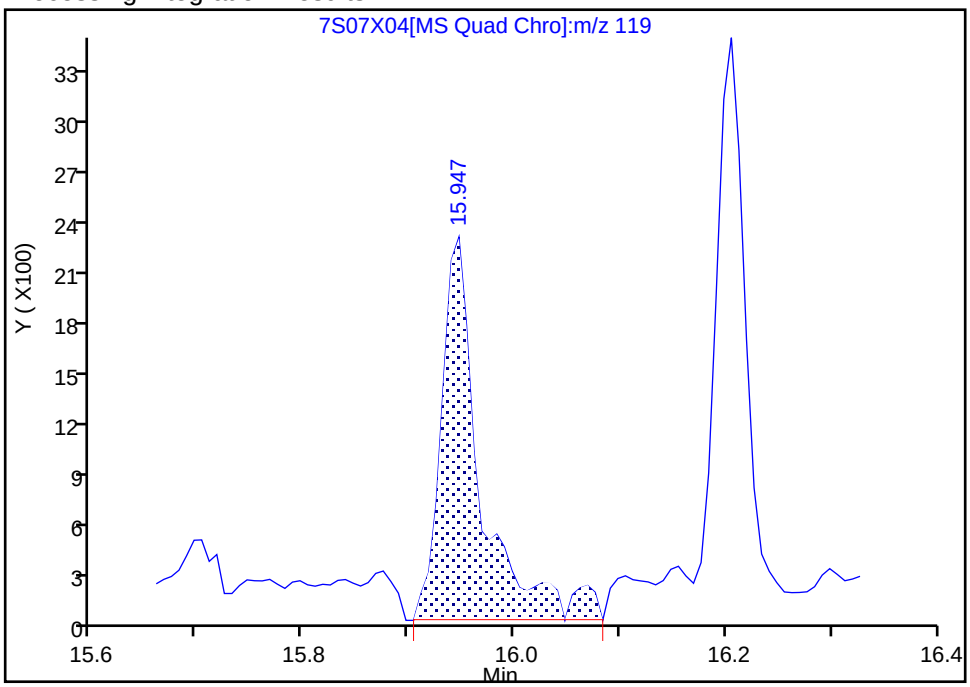
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

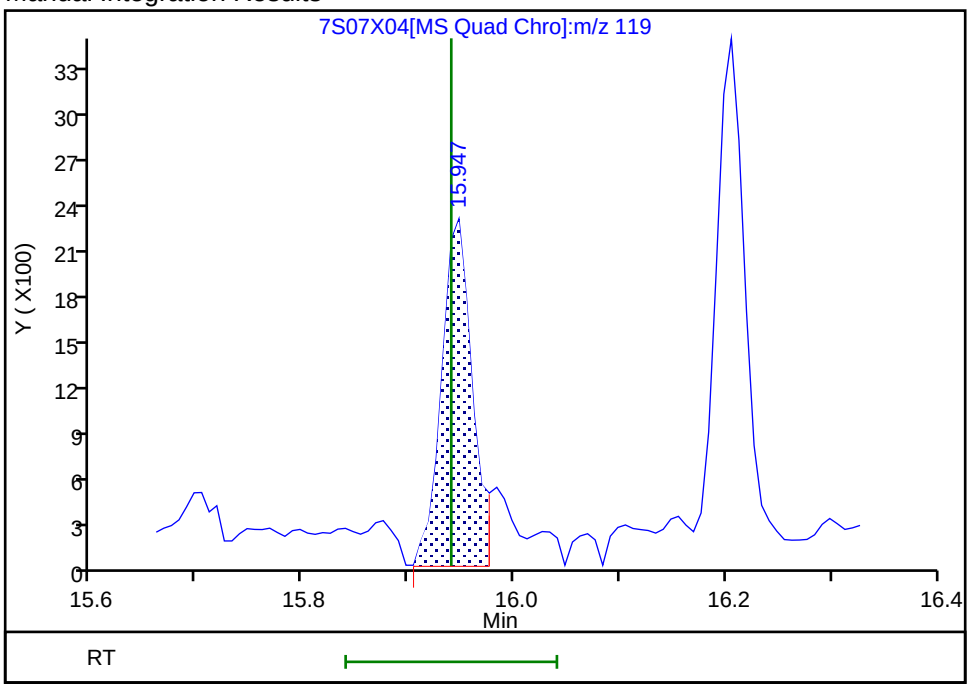
Processing Integration Results

RT: 15.95
Area: 5918
Amount: 0.049853
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 4478
Amount: 0.041670
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

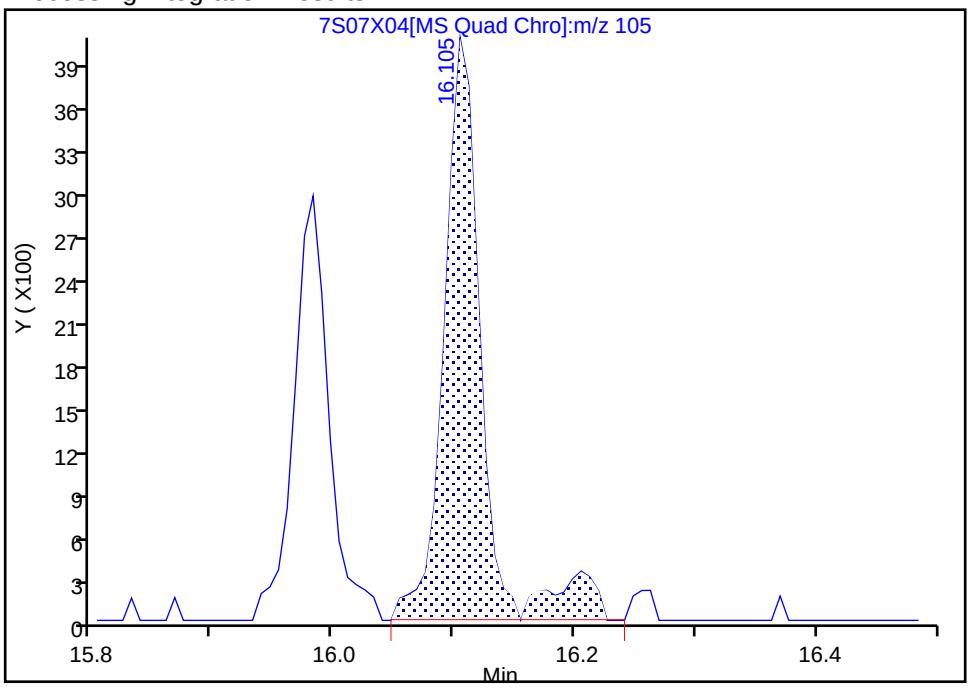
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

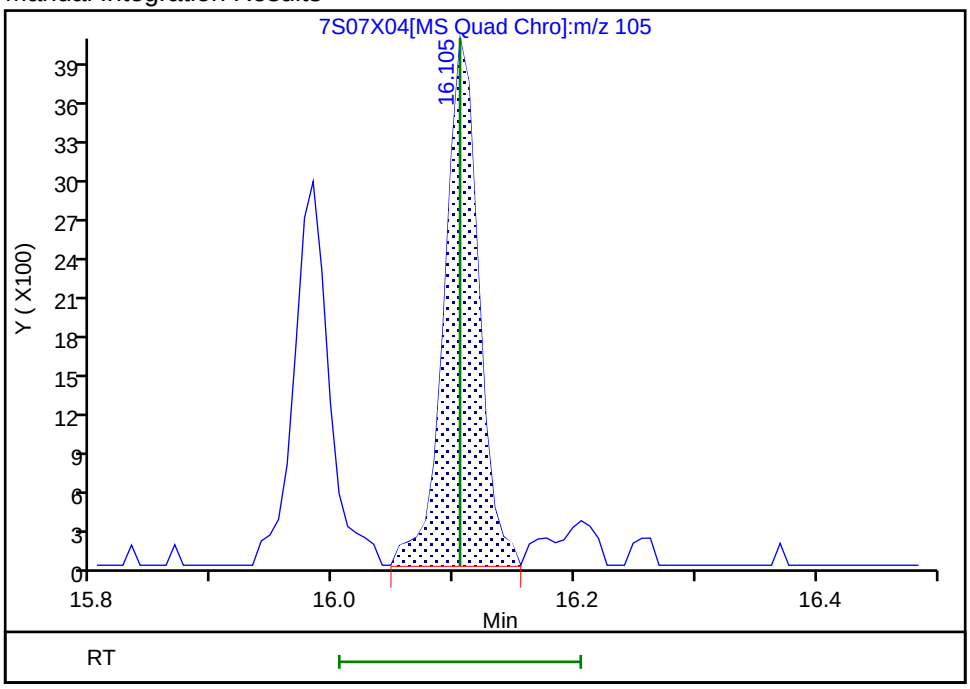
Processing Integration Results

RT: 16.10
Area: 8927
Amount: 0.053941
Amount Units: ppb v/v




Manual Integration Results

RT: 16.10
Area: 8034
Amount: 0.049135
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:32 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

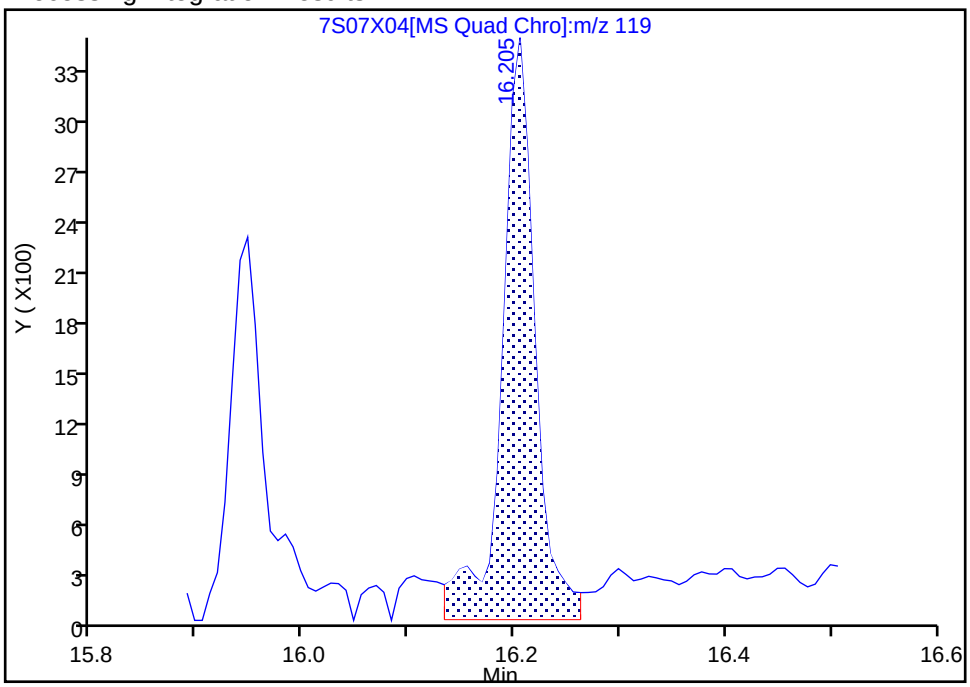
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

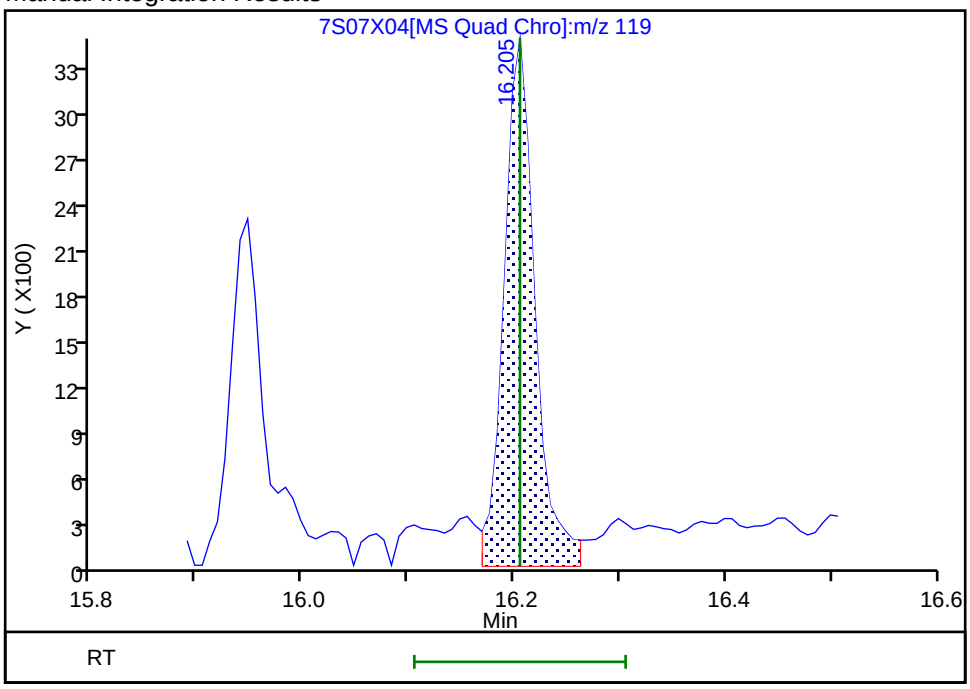
Processing Integration Results

RT: 16.21
Area: 7474
Amount: 0.057044
Amount Units: ppb v/v




Manual Integration Results

RT: 16.21
Area: 6904
Amount: 0.053208
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:51 -04:00:00 (UTC)

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

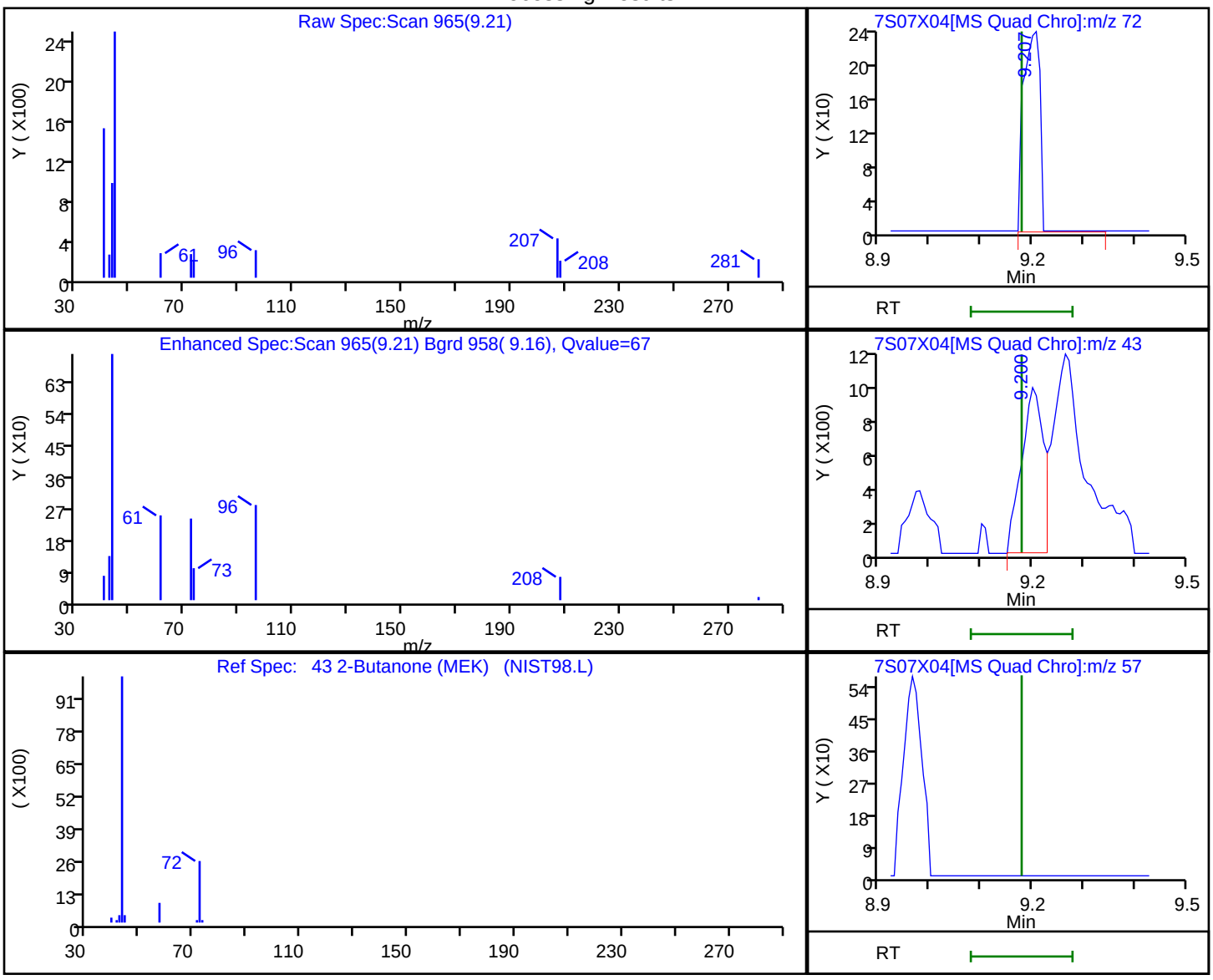
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.21 | 72.00 | 524 | 0.038487 |
| 9.20 | 43.00 | 2893 | |
| 9.18 | 57.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:31:52 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Lims ID: IC Cal 0.2ppb
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Sep-2025 23:52:32 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.2PPB
Misc. Info.: 410-0158855-005
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:19 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:41:16

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 95 | 5906 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 84 | 16409 | 0.2000 | 0.2105 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 40 | 10458 | 0.2000 | 0.2370 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 86 | 16118 | 0.2000 | 0.2325 | |
| 5 Chloromethane | 50 | 3.763 | 3.770 | -0.007 | 94 | 7776 | 0.2000 | 0.2786 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 87 | 10201 | 0.2000 | 0.1947 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 60 | 6320 | 0.2000 | 0.2224 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 92 | 4258 | 0.2000 | 0.1933 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 72 | 4413 | 0.2000 | 0.2085 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 52 | 3658 | 0.2000 | 0.2132 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 75 | 5820 | 0.2000 | 0.2114 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 73 | 14304 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 73 | 14793 | 0.2000 | 0.2083 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 91 | 12897 | NC | NC | M |
| 14 Ethanol | 45 | 5.675 | 5.661 | 0.014 | 76 | 2135 | NC | NC | M |
| 19 Acrolein | 56 | 6.170 | 6.148 | 0.022 | 53 | 2248 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 84 | 9943 | 0.2000 | 0.2070 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.377 | 6.370 | 0.007 | 77 | 7685 | 0.2000 | 0.2170 | |
| 23 Acetone | 43 | 6.392 | 6.377 | 0.015 | 95 | 12911 | 0.2000 | 0.2547 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 80 | 8759 | 0.2000 | 0.2334 | M |
| 18 Iodomethane | 142 | 6.614 | 6.606 | 0.008 | 81 | 6978 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 95 | 21100 | 0.2000 | 0.2076 | |
| 28 Acetonitrile | 41 | 6.843 | 6.829 | 0.014 | 92 | 6677 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 80 | 9600 | 0.2000 | 0.2052 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.187 | 0.007 | 85 | 5986 | 0.2000 | 0.2226 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 36 | 7140 | 0.2280 | 0.2294 | |
| 31 Acrylonitrile | 53 | 7.545 | 7.531 | 0.014 | 89 | 5590 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 82 | 15360 | 0.2000 | 0.2089 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 86 | 10195 | 0.2000 | 0.1996 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 75 | 5284 | 0.2000 | 0.2006 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.347 | 8.326 | 0.021 | 90 | 875 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 78 | 12792 | 0.2000 | 0.2054 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 90 | 21409 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 88 | 18587 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.193 | 9.178 | 0.015 | 87 | 2666 | 0.2000 | 0.1850 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 72 | 11395 | 0.2000 | 0.1966 | |
| 38 Ethyl acetate | 70 | 9.264 | 9.243 | 0.022 | 80 | 1533 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.343 | 9.321 | 0.022 | 73 | 11017 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 341173 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 38 | 7998 | 0.2000 | 0.1917 | M |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 74 | 13237 | 0.2000 | 0.1896 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 52 | 12967 | 0.2000 | 0.2105 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 89 | 9961 | 0.2000 | 0.2046 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 78 | 11428 | 0.2000 | 0.2004 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 546566 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 58 | 20836 | 0.2000 | 0.2052 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 58 | 9230 | 0.2000 | 0.1971 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 70 | 16001 | NC | NC | M |
| 44 Isooctane | 57 | 10.783 | 10.775 | 0.008 | 90 | 30718 | 0.2000 | 0.1976 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 58 | 5787 | 0.2000 | 0.1884 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1256184 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 77 | 7439 | 0.2000 | 0.1840 | |
| 52 Ethyl acrylate | 55 | 11.642 | 11.635 | 0.007 | 86 | 13526 | NC | NC | M |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 72 | 8857 | 0.2000 | 0.2095 | M |
| 55 Methyl methacrylate | 69 | 11.950 | 11.943 | 0.007 | 79 | 6405 | 0.2000 | 0.1997 | M |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 67 | 2975 | 0.2000 | 0.2168 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 83 | 7666 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 14594 | 0.2000 | 0.1972 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 75 | 11709 | 0.2000 | 0.1969 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 92 | 17345 | 0.2000 | 0.2217 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372473 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 78 | 25777 | 0.2000 | 0.2134 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 86 | 17851 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 79 | 9259 | 0.2000 | 0.1912 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 76 | 10504 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 84 | 8185 | 0.2000 | 0.2018 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 88 | 15270 | 0.2000 | 0.2934 | |
| 67 2-Hexanone | 43 | 13.727 | 13.719 | 0.008 | 90 | 16653 | 0.2000 | 0.2264 | M |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 76 | 10165 | 0.2000 | 0.1951 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 90 | 12359 | 0.2000 | 0.2032 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1173053 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 64 | 17968 | 0.2000 | 0.1965 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 93 | 28451 | 0.2000 | 0.1951 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 46 | 8820 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 95 | 41051 | 0.4000 | 0.3793 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 90 | 20059 | 0.2000 | 0.1865 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 89 | 15594 | 0.2000 | 0.1995 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 82 | 10851 | 0.2000 | 0.1923 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 77 | 25619 | 0.2000 | 0.1902 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 12 | 19345 | 0.2000 | 0.2092 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 58 | 5250 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 85 | 10131 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 76 | 7432 | 0.2000 | 0.2032 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 83 | 28674 | 0.2000 | 0.2131 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 86 | 7473 | 0.2000 | 0.2141 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 70 | 23087 | 0.2000 | 0.2143 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 85 | 11237 | NC | NC | M |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 71 | 21624 | 0.2000 | 0.2015 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 97 | 22602 | 0.2000 | 0.1985 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 94 | 33972 | 0.2000 | 0.2080 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 92 | 27427 | 0.2000 | 0.2116 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 93 | 15317 | 0.2000 | 0.2029 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 91 | 15714 | 0.2000 | 0.2069 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 79 | 3665 | 0.2000 | 0.2056 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 93 | 14426 | 0.2000 | 0.2062 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 91 | 15179 | 0.2000 | 0.2172 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 69 | 2112 | NC | NC | M |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 58 | 7368 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 81 | 7396 | 0.2000 | 0.1568 | |
| 96 Hexachlorobutadiene | 225 | 17.975 | 17.974 | 0.001 | 85 | 10113 | 0.2000 | 0.2382 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 93 | 16982 | 0.2000 | 0.1516 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 21590 | 0.4000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.4000 | 0.3881 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 61110 | 0.6000 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 80.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:47:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D

Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004

Lims ID: IC Cal 0.2ppb

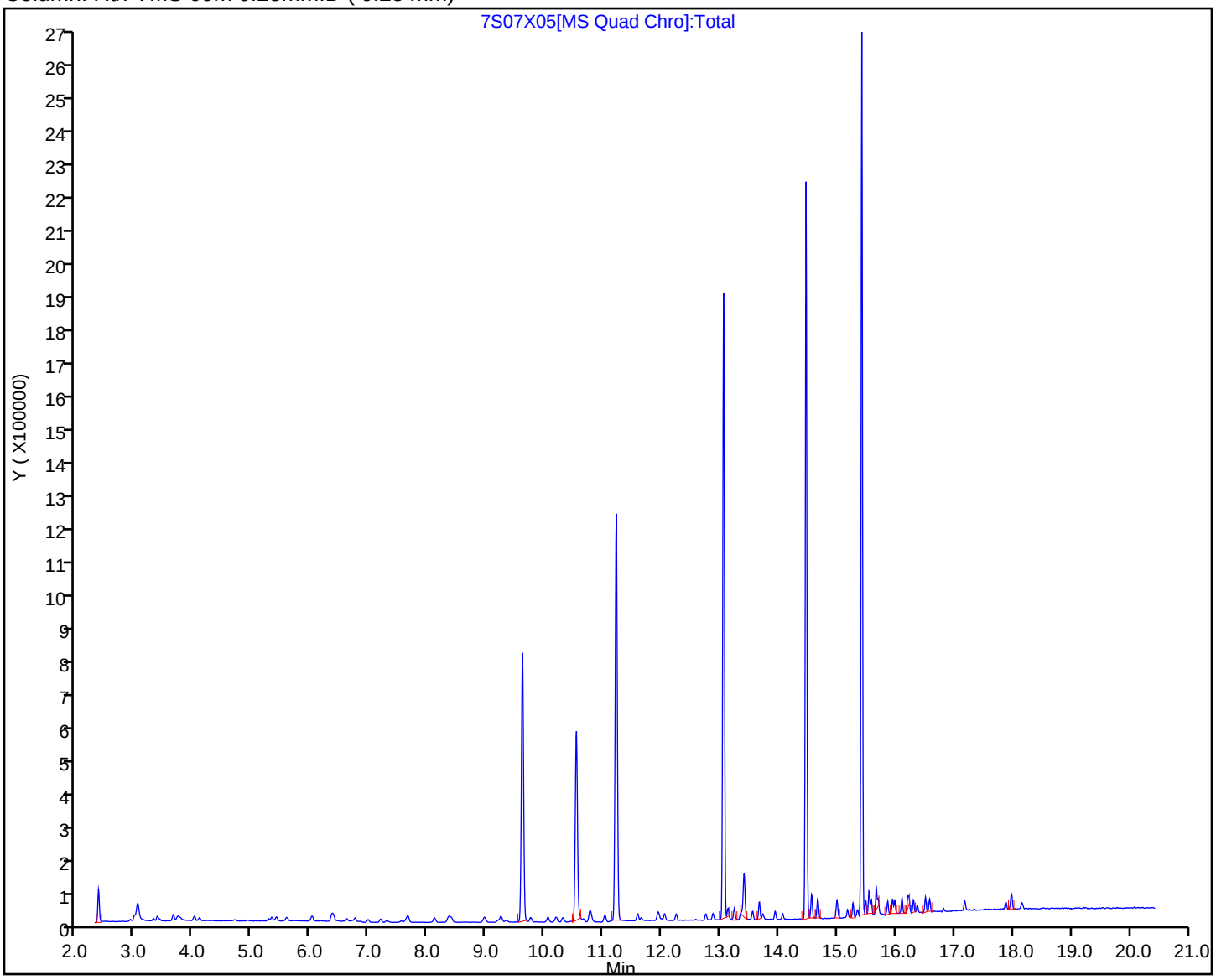
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

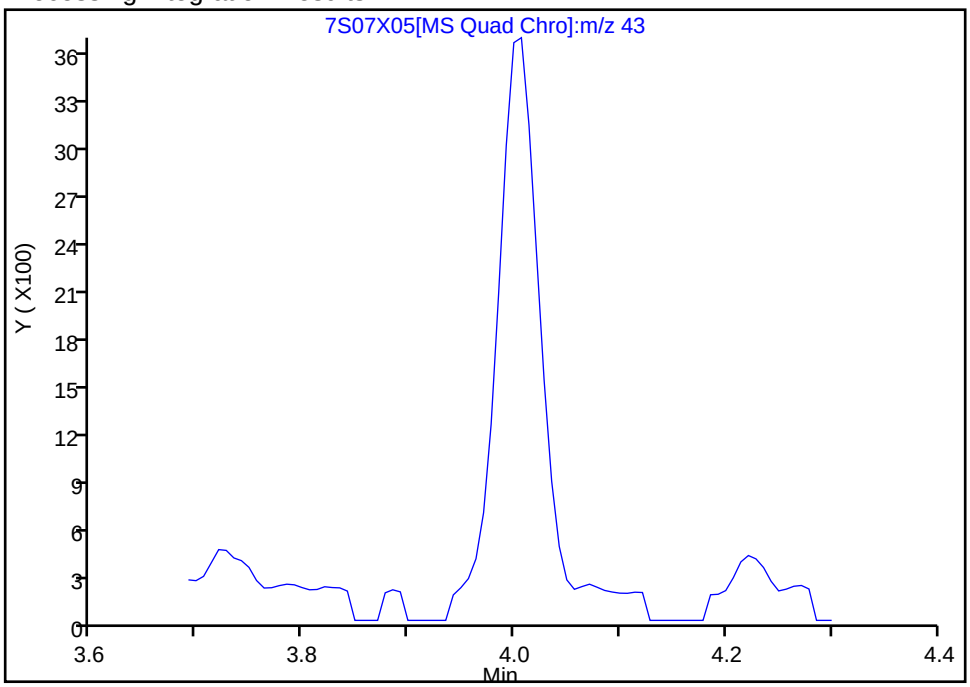
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

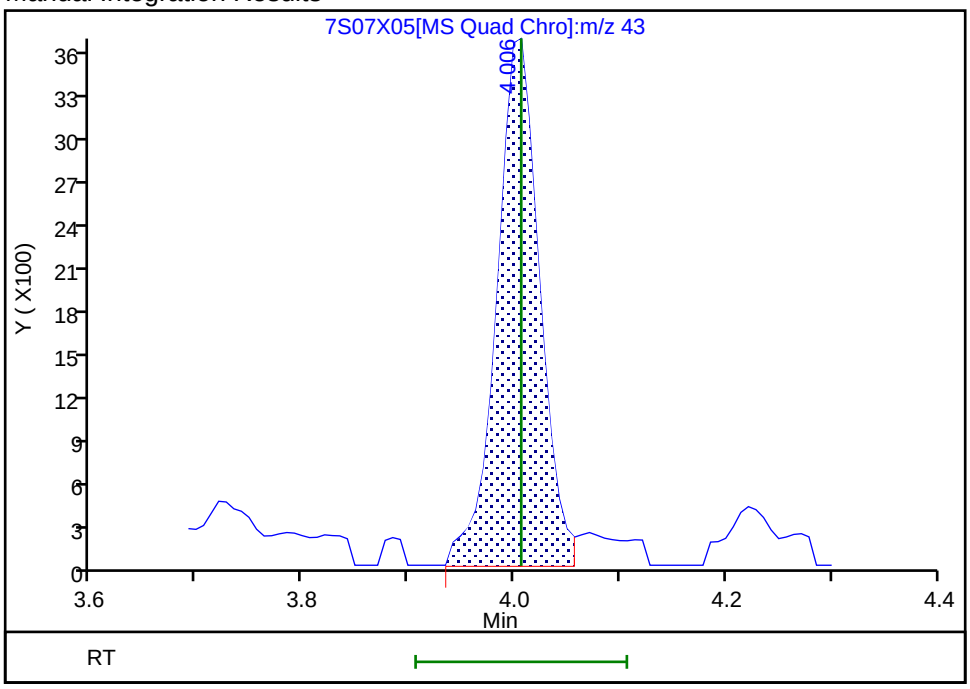
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 10201
Amount: 0.194735
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:07:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

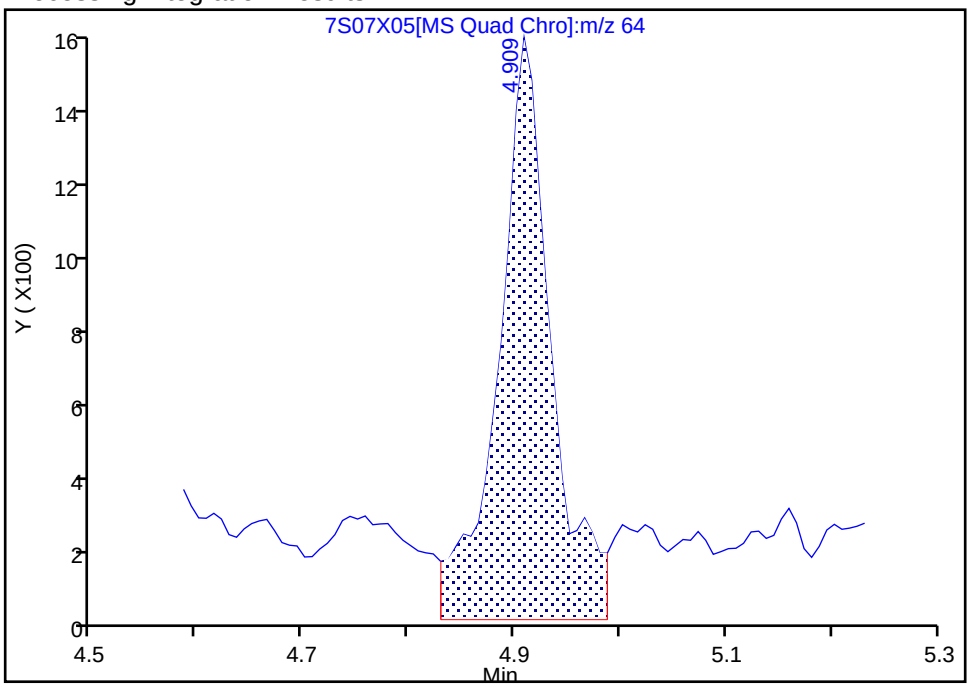
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

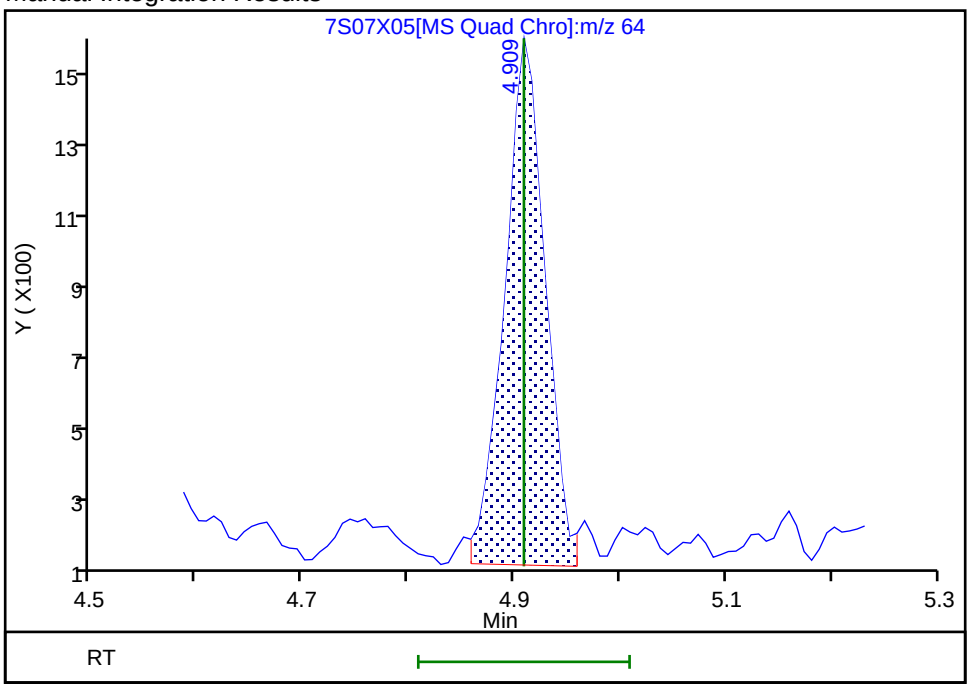
Processing Integration Results

RT: 4.91
Area: 5293
Amount: 0.288630
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 3658
Amount: 0.213151
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:34:56 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

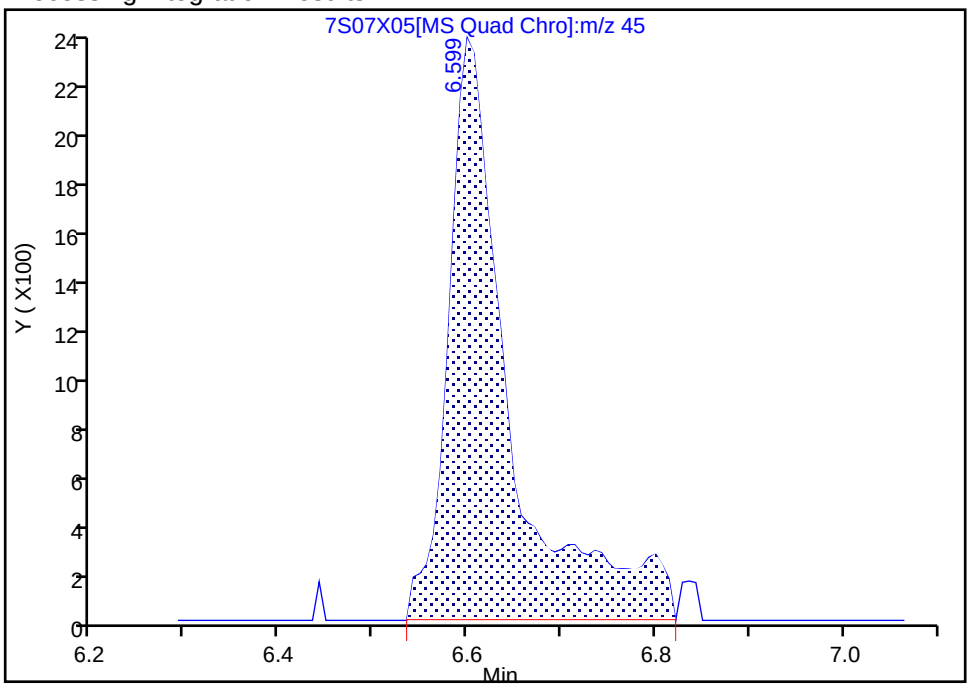
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

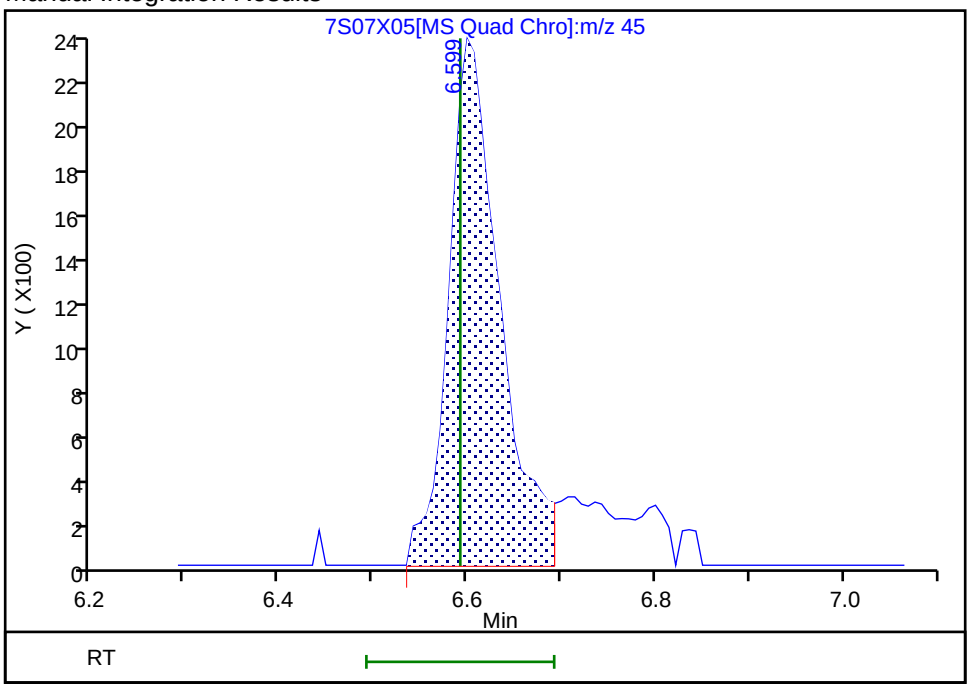
Processing Integration Results

RT: 6.60
Area: 10593
Amount: 0.240302
Amount Units: ppb v/v




Manual Integration Results

RT: 6.60
Area: 8759
Amount: 0.233435
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:51:43 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

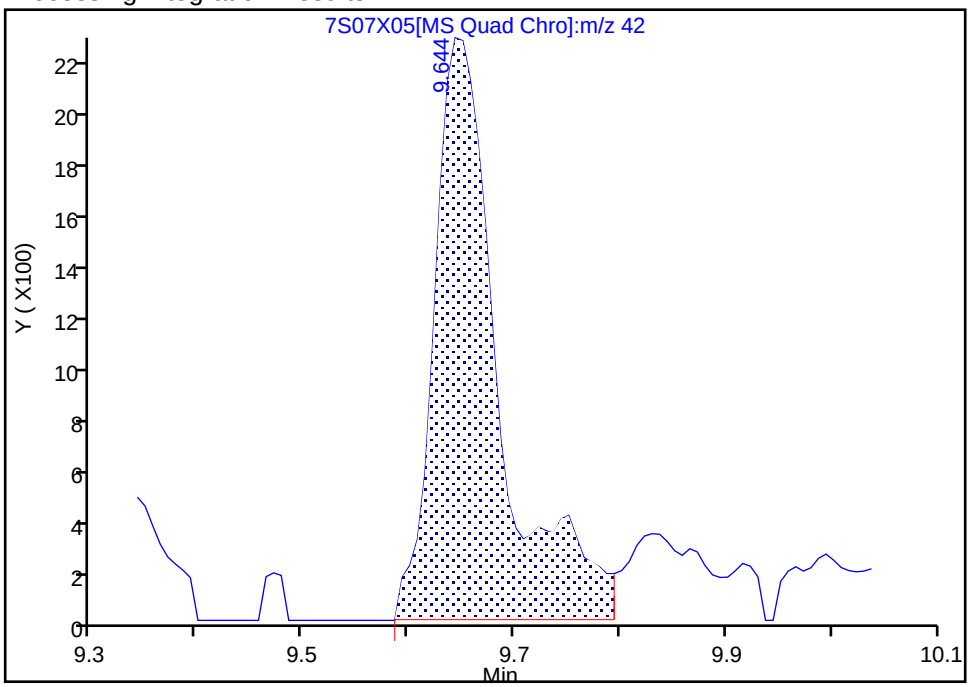
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

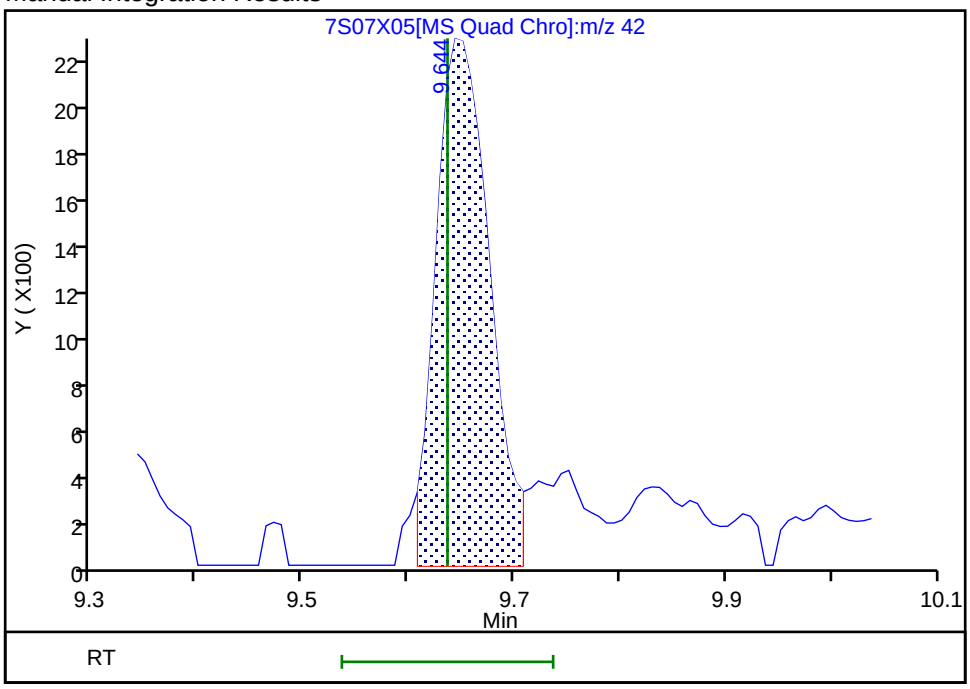
Processing Integration Results

RT: 9.64
Area: 9807
Amount: 0.182273
Amount Units: ppb v/v




Manual Integration Results

RT: 9.64
Area: 7998
Amount: 0.191724
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:35:54 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

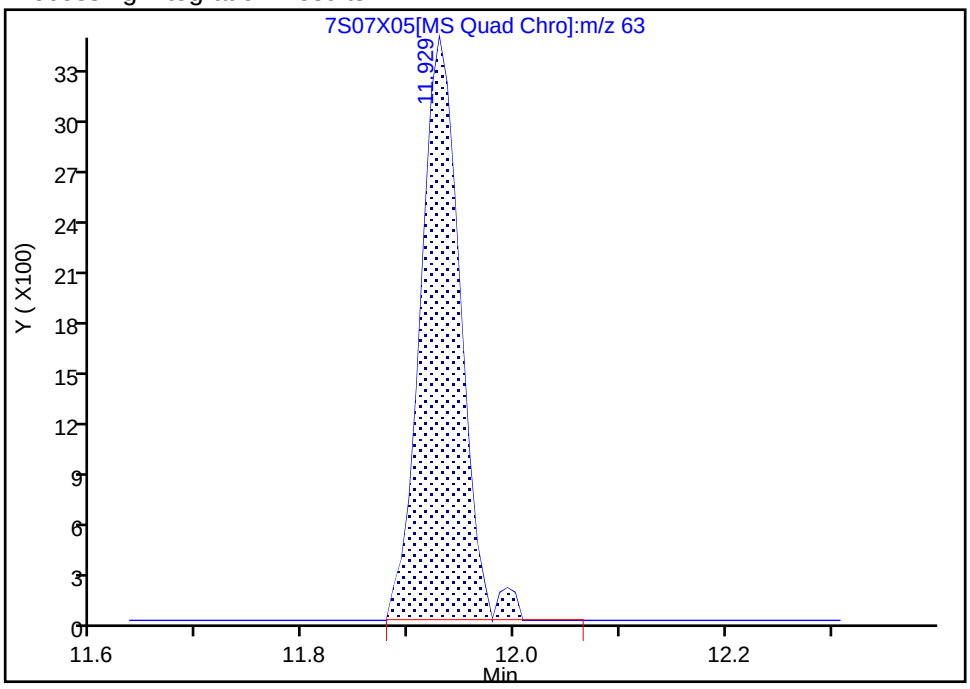
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

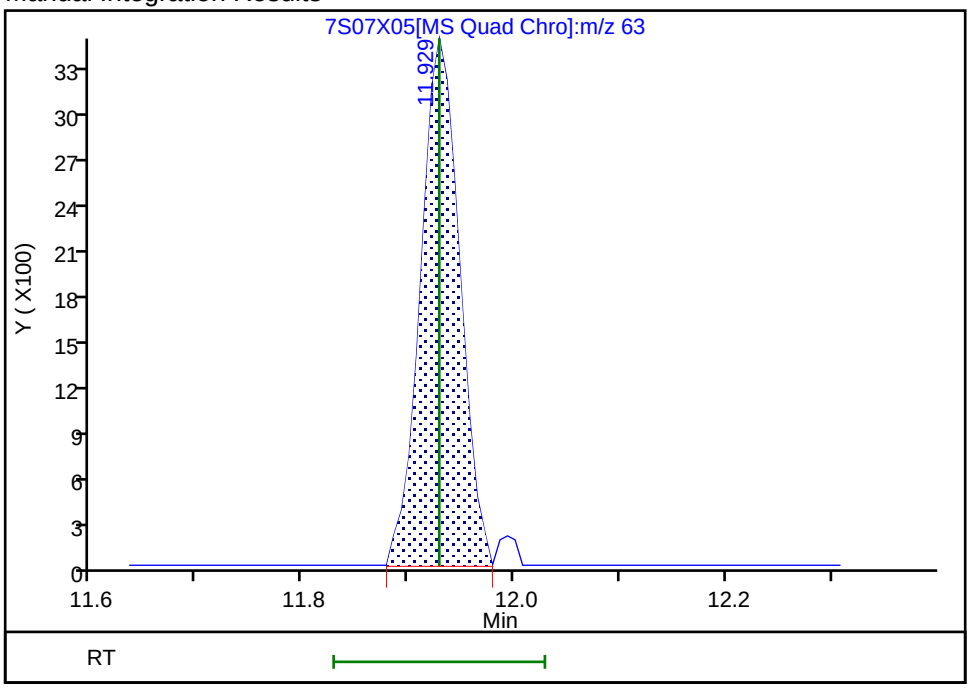
Processing Integration Results

RT: 11.93
Area: 9082
Amount: 0.197029
Amount Units: ppb v/v




Manual Integration Results

RT: 11.93
Area: 8857
Amount: 0.209539
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:41:09 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

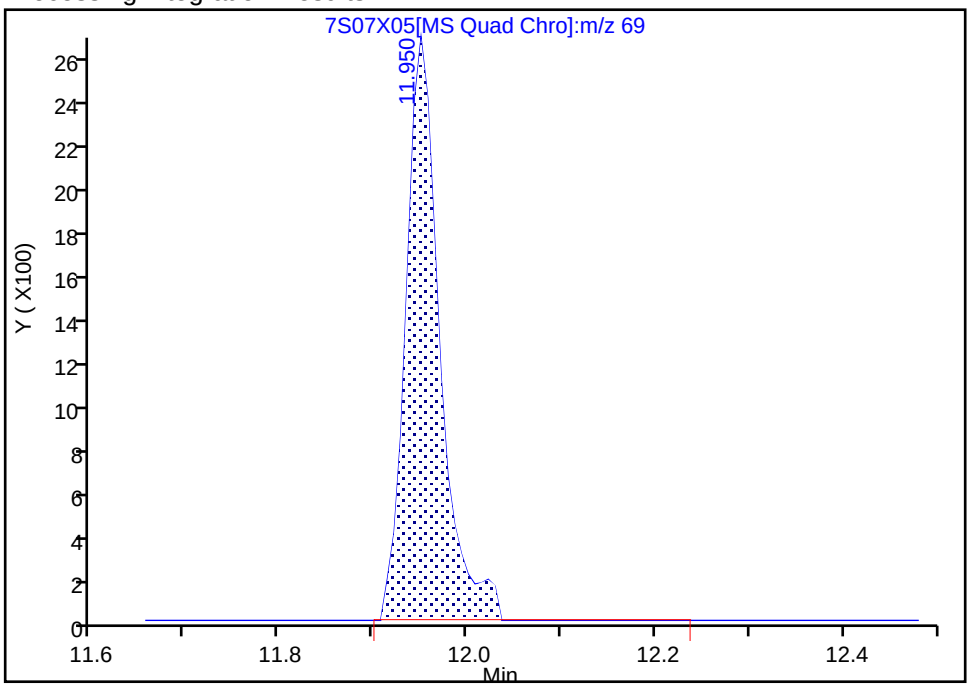
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

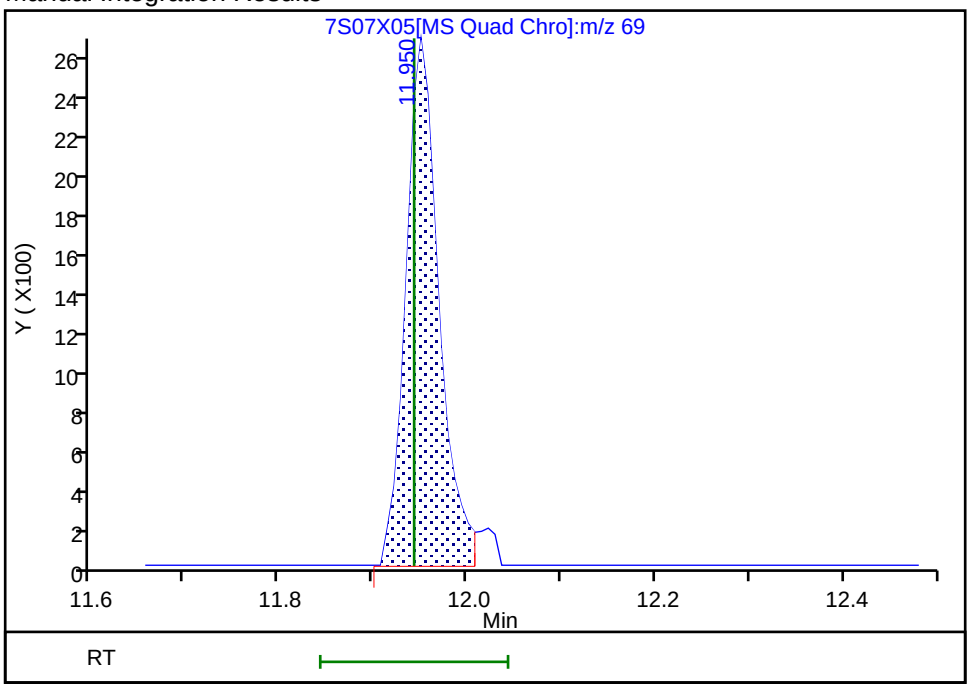
Processing Integration Results

RT: 11.95
Area: 6660
Amount: 0.213785
Amount Units: ppb v/v




Manual Integration Results

RT: 11.95
Area: 6405
Amount: 0.199656
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:41:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

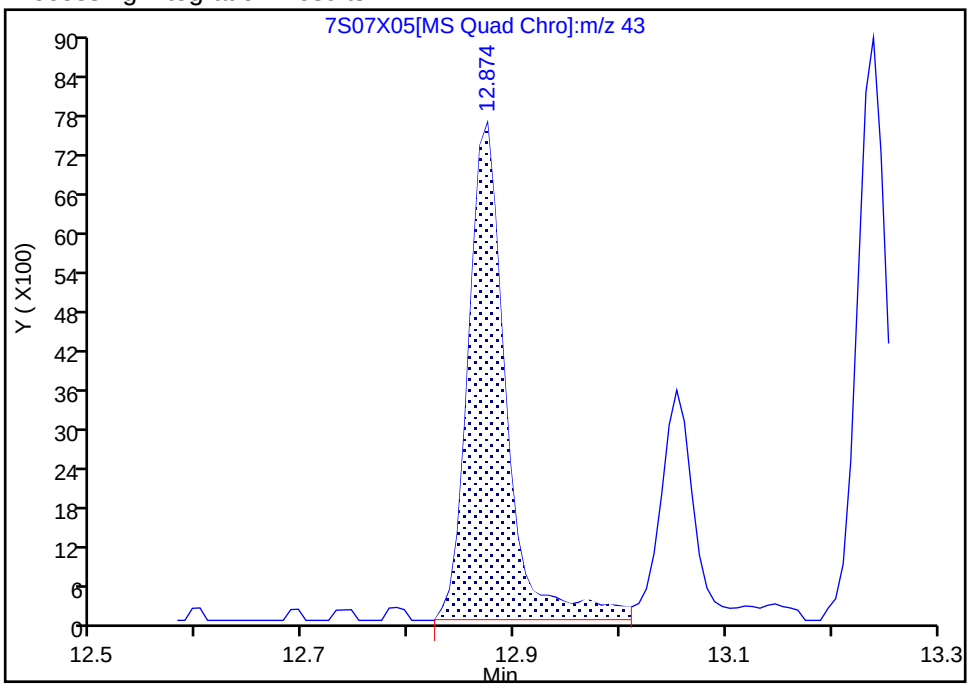
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

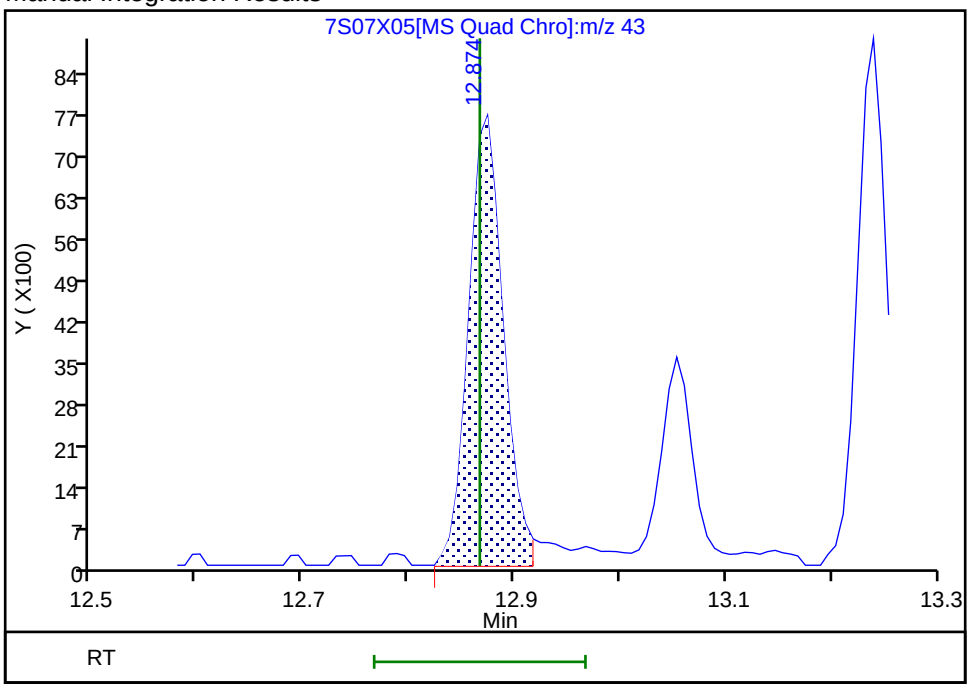
Processing Integration Results

RT: 12.87
Area: 18971
Amount: 0.239018
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 17345
Amount: 0.221734
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:02:58 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

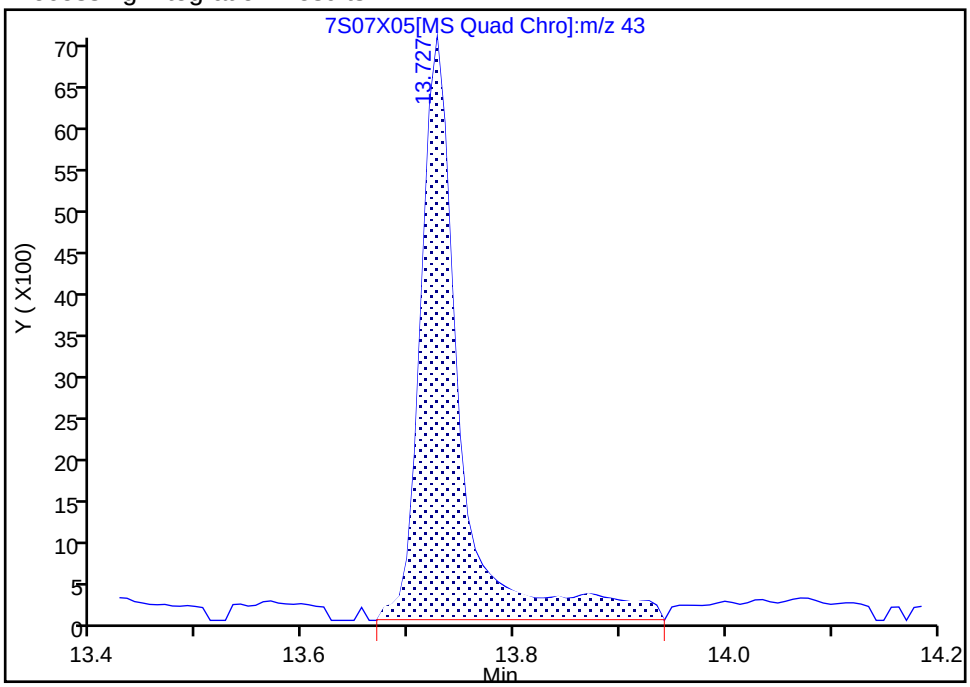
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

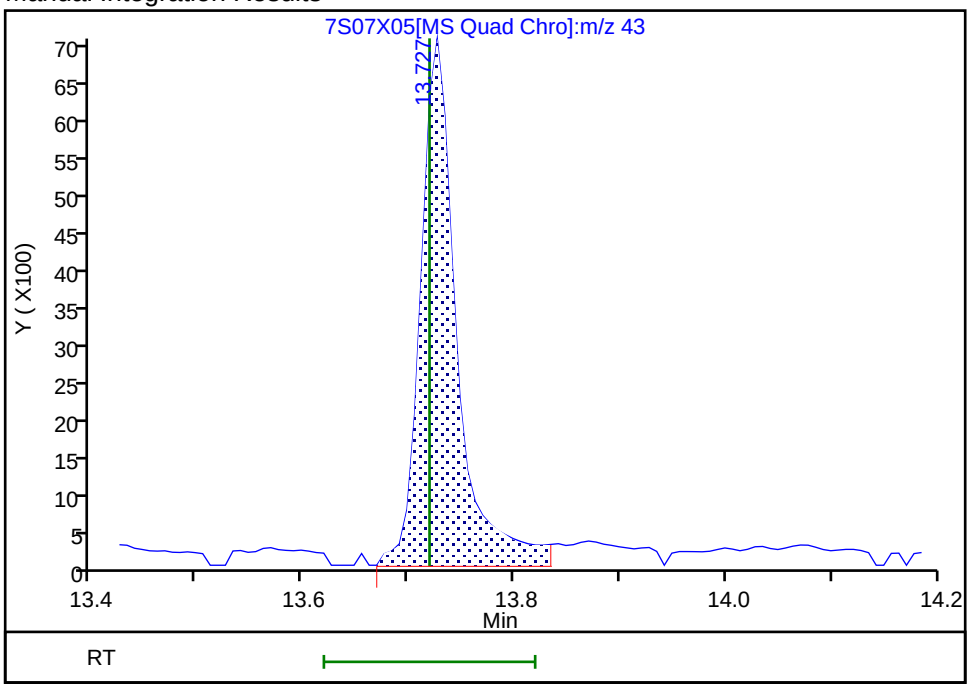
Processing Integration Results

RT: 13.73
Area: 18282
Amount: 0.244198
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 16653
Amount: 0.226366
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:29 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

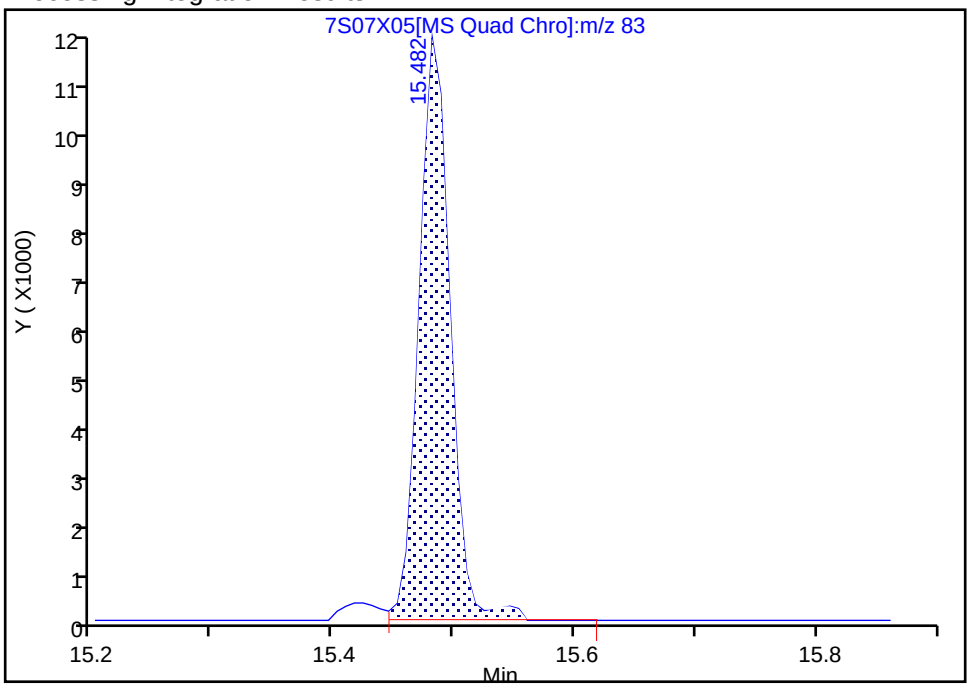
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

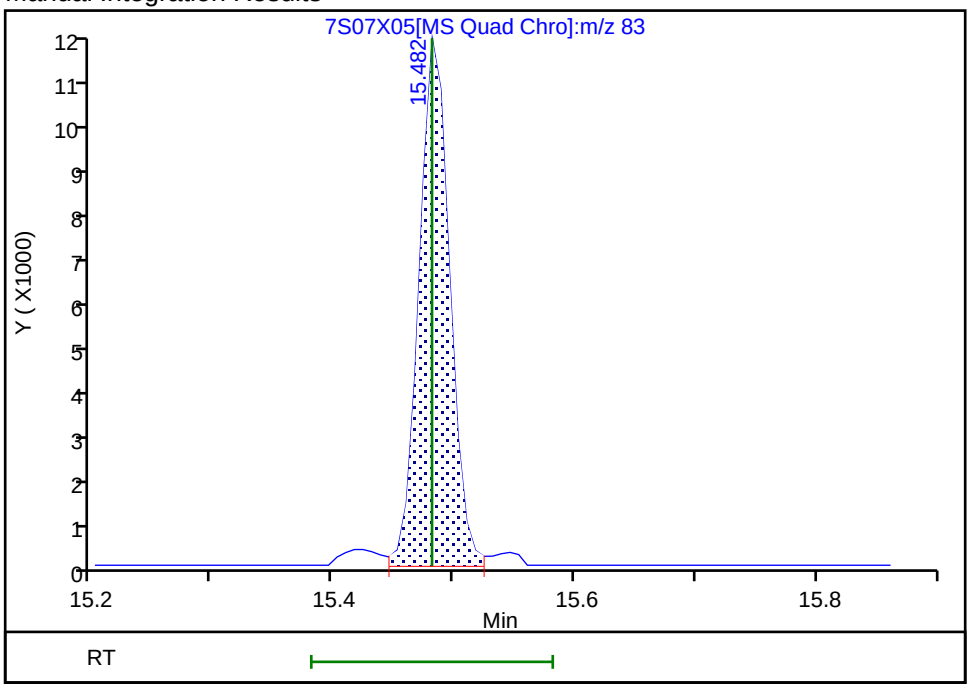
Processing Integration Results

RT: 15.48
Area: 19782
Amount: 0.213364
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 19345
Amount: 0.209199
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:42 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

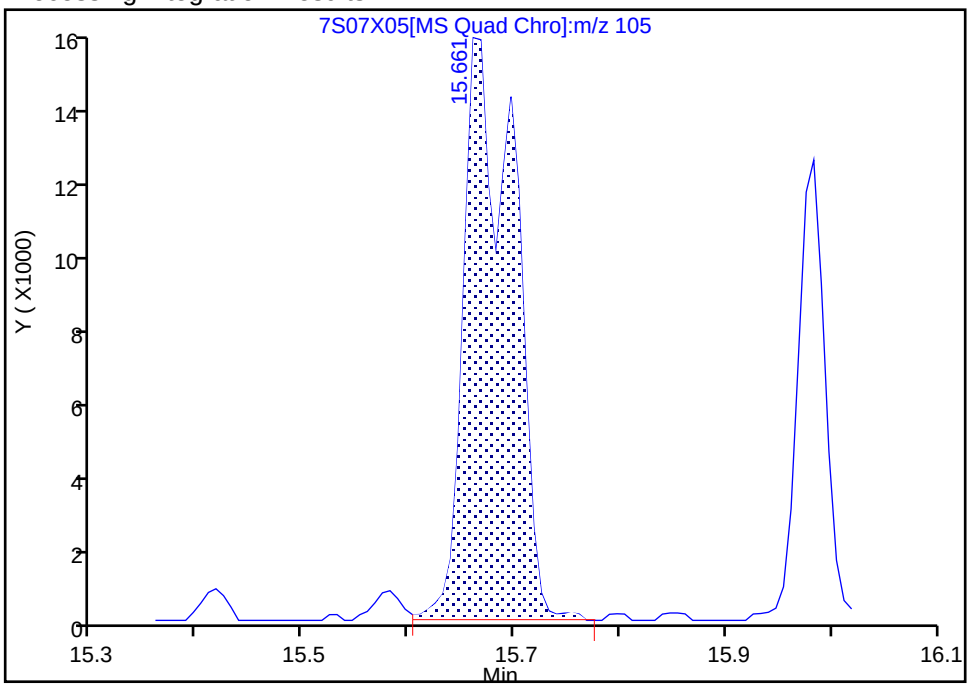
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

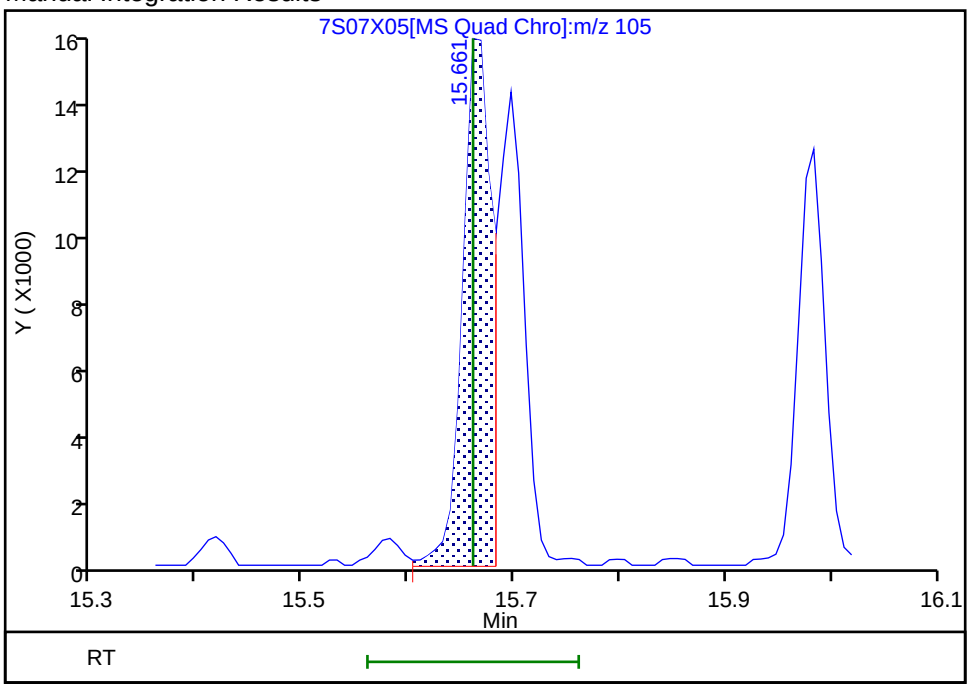
Processing Integration Results

RT: 15.66
Area: 51761
Amount: 0.249394
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 28674
Amount: 0.213065
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:42:41 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

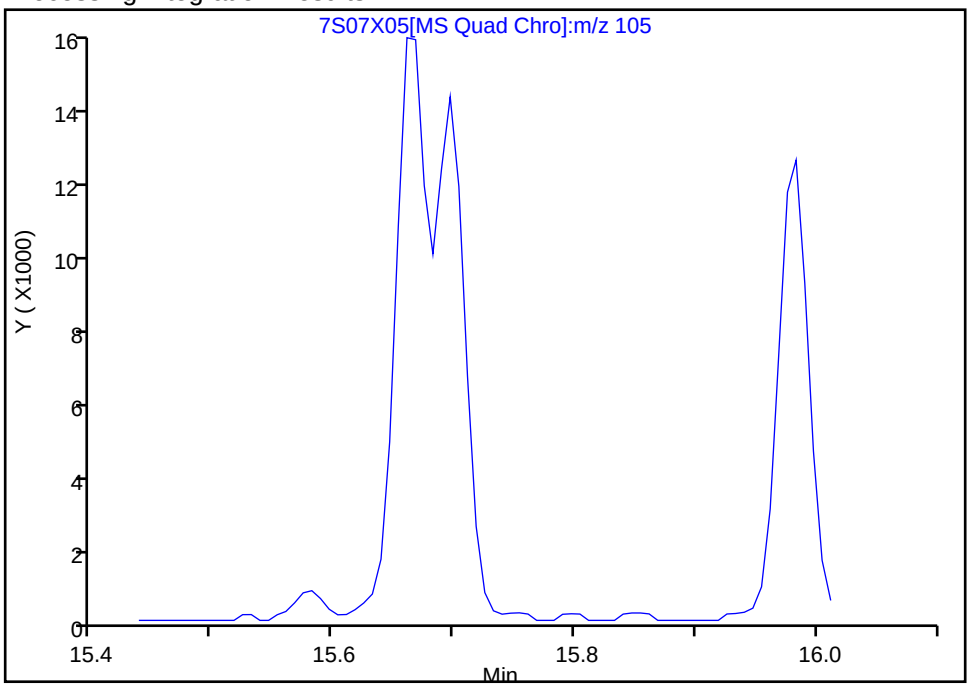
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

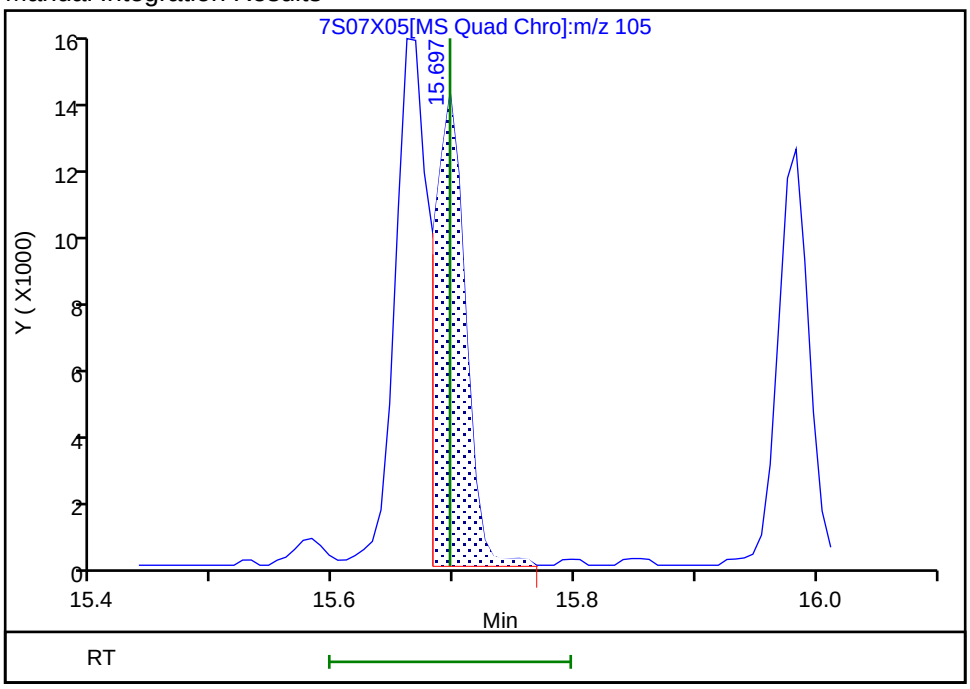
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 23087
Amount: 0.214293
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:42:54 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

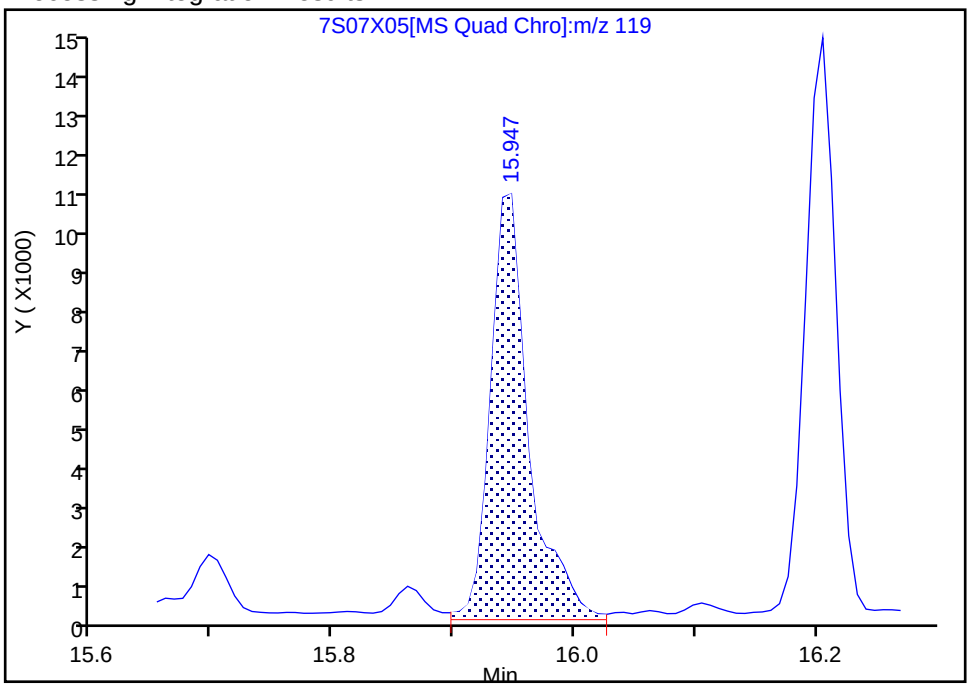
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

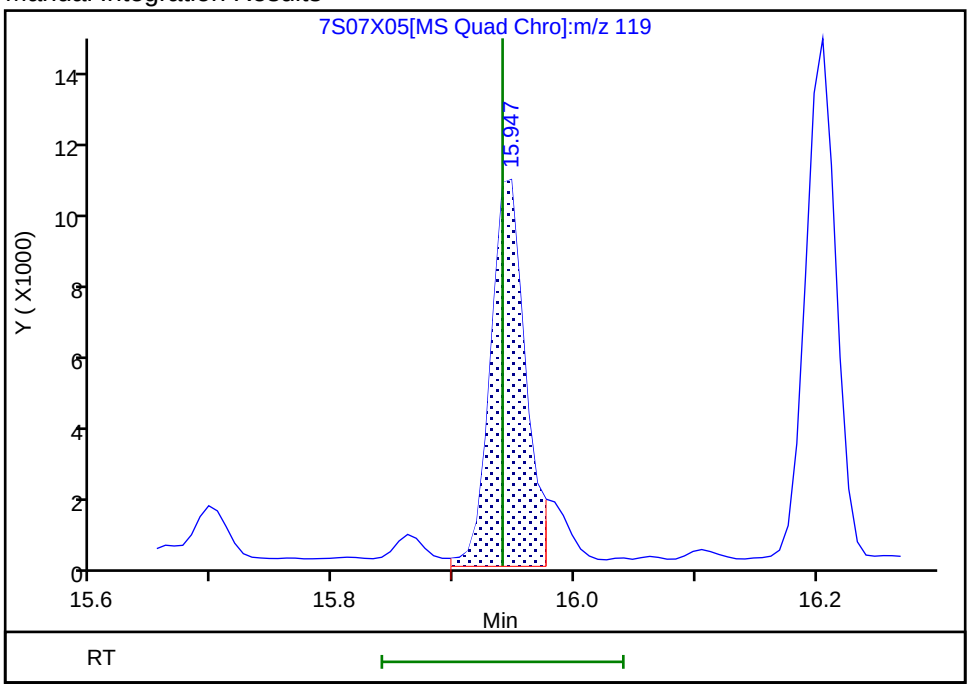
Processing Integration Results

RT: 15.95
Area: 24193
Amount: 0.220450
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 21624
Amount: 0.201468
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:52 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Lims ID: IC Cal 0.5ppb
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Sep-2025 00:19:00 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.5PPB
Misc. Info.: 410-0158855-006
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:50 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:26:31

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 8938 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 37642 | 0.5000 | 0.4941 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 71 | 15244 | 0.5000 | 0.3535 | M |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 94 | 25302 | 0.5000 | 0.3733 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 97 | 10305 | 0.5000 | 0.3777 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 92 | 24688 | 0.5000 | 0.4821 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 60 | 10792 | 0.5000 | 0.3885 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 84 | 10194 | 0.5000 | 0.4734 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 83 | 10618 | 0.5000 | 0.5132 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 83 | 9186 | 0.5000 | 0.5476 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 91 | 12429 | 0.5000 | 0.4619 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 81 | 35045 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 85 | 34140 | 0.5000 | 0.4918 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 95 | 31019 | NC | NC | |
| 14 Ethanol | 45 | 5.683 | 5.661 | 0.022 | 50 | 3883 | NC | NC | M |
| 19 Acrolein | 56 | 6.163 | 6.148 | 0.015 | 90 | 5702 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 23451 | 0.5000 | 0.4994 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 92 | 14075 | 0.5000 | 0.4067 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.008 | 96 | 25206 | 0.5000 | 0.5086 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 76 | 20019 | 0.5000 | 0.5458 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 96 | 25252 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 98 | 46995 | 0.5000 | 0.4731 | |
| 28 Acetonitrile | 41 | 6.843 | 6.829 | 0.014 | 87 | 14474 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 87 | 23597 | 0.5000 | 0.5160 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 12998 | 0.5000 | 0.4945 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 90 | 14117 | 0.5700 | 0.4641 | M |
| 31 Acrylonitrile | 53 | 7.538 | 7.531 | 0.007 | 92 | 11885 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 90 | 30136 | 0.5000 | 0.4192 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 90 | 25882 | 0.5000 | 0.5184 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 92 | 12988 | 0.5000 | 0.5043 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.333 | 8.326 | 0.007 | 97 | 3559 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 83 | 34545 | 0.5000 | 0.5675 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 94 | 45930 | NC | NC | M |
| 32 Tert-butyl ethyl ether | 59 | 8.970 | 8.963 | 0.007 | 89 | 34312 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.193 | 9.178 | 0.015 | 97 | 6757 | 0.5000 | 0.4796 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 72 | 28790 | 0.5000 | 0.5082 | |
| 38 Ethyl acetate | 70 | 9.250 | 9.243 | 0.008 | 71 | 3177 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.336 | 9.321 | 0.015 | 84 | 30566 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 91 | 333502 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 40 | 20196 | 0.5000 | 0.4953 | |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 80 | 37322 | 0.5000 | 0.5469 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 57 | 29194 | 0.5000 | 0.4849 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 93 | 21280 | 0.5000 | 0.4471 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 76 | 28973 | 0.5000 | 0.5199 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 547841 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 90 | 54276 | 0.5000 | 0.5341 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 21 | 25791 | 0.5000 | 0.5504 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 64 | 29067 | NC | NC | M |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 72721 | 0.5000 | 0.4675 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 88 | 15022 | 0.5000 | 0.4888 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1256982 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 21324 | 0.5000 | 0.5271 | |
| 52 Ethyl acrylate | 55 | 11.642 | 11.635 | 0.007 | 91 | 32281 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 86 | 22964 | 0.5000 | 0.5429 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 85 | 15393 | 0.5000 | 0.4795 | M |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 61 | 4508 | 0.5000 | 0.3283 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 82 | 19604 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 90 | 41156 | 0.5000 | 0.5557 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 80 | 30963 | 0.5000 | 0.5203 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 92 | 27421 | 0.5000 | 0.3503 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372618 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 78 | 64669 | 0.5000 | 0.5352 | M |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 87 | 45564 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 96 | 23970 | 0.5000 | 0.4947 | M |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 84 | 19554 | NC | NC | M |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 22749 | 0.5000 | 0.5607 | M |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 84 | 27166 | 0.5000 | 0.5218 | |
| 67 2-Hexanone | 43 | 13.727 | 13.719 | 0.008 | 94 | 27736 | 0.5000 | 0.3769 | M |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 86 | 27418 | 0.5000 | 0.5259 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 93 | 33318 | 0.5000 | 0.5475 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1173550 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 90 | 47936 | 0.5000 | 0.5239 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 75974 | 0.5000 | 0.5208 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 47 | 22794 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 97 | 108541 | 1.00 | 1.00 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 93 | 53780 | 0.5000 | 0.4998 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 88 | 38933 | 0.5000 | 0.4980 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 88 | 29996 | 0.5000 | 0.5313 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 80 | 64319 | 0.5000 | 0.4773 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 33 | 46212 | 0.5000 | 0.4995 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 10713 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 88 | 23941 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 76 | 17602 | 0.5000 | 0.4811 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 83 | 64664 | 0.5000 | 0.4803 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 92 | 16666 | 0.5000 | 0.4773 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 56 | 49445 | 0.5000 | 0.4588 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 26116 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 65 | 45387 | 0.5000 | 0.4227 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 92 | 49336 | 0.5000 | 0.4331 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 94 | 67603 | 0.5000 | 0.4138 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 91 | 51196 | 0.5000 | 0.3949 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 36364 | 0.5000 | 0.4815 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 37530 | 0.5000 | 0.4940 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 93 | 6668 | 0.5000 | 0.3740 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 97 | 25483 | 0.5000 | 0.3641 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 92 | 31394 | 0.5000 | 0.4491 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 87 | 18133 | NC | NC | M |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 66 | 13494 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 89 | 18996 | 0.5000 | 0.4027 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 87 | 15691 | 0.5000 | 0.3694 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 97 | 44681 | 0.5000 | 0.3987 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 54672 | 1.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 1.00 | 1.02 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 162321 | 1.50 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: | 10.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:03 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D

Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004

Lims ID: IC Cal 0.5ppb

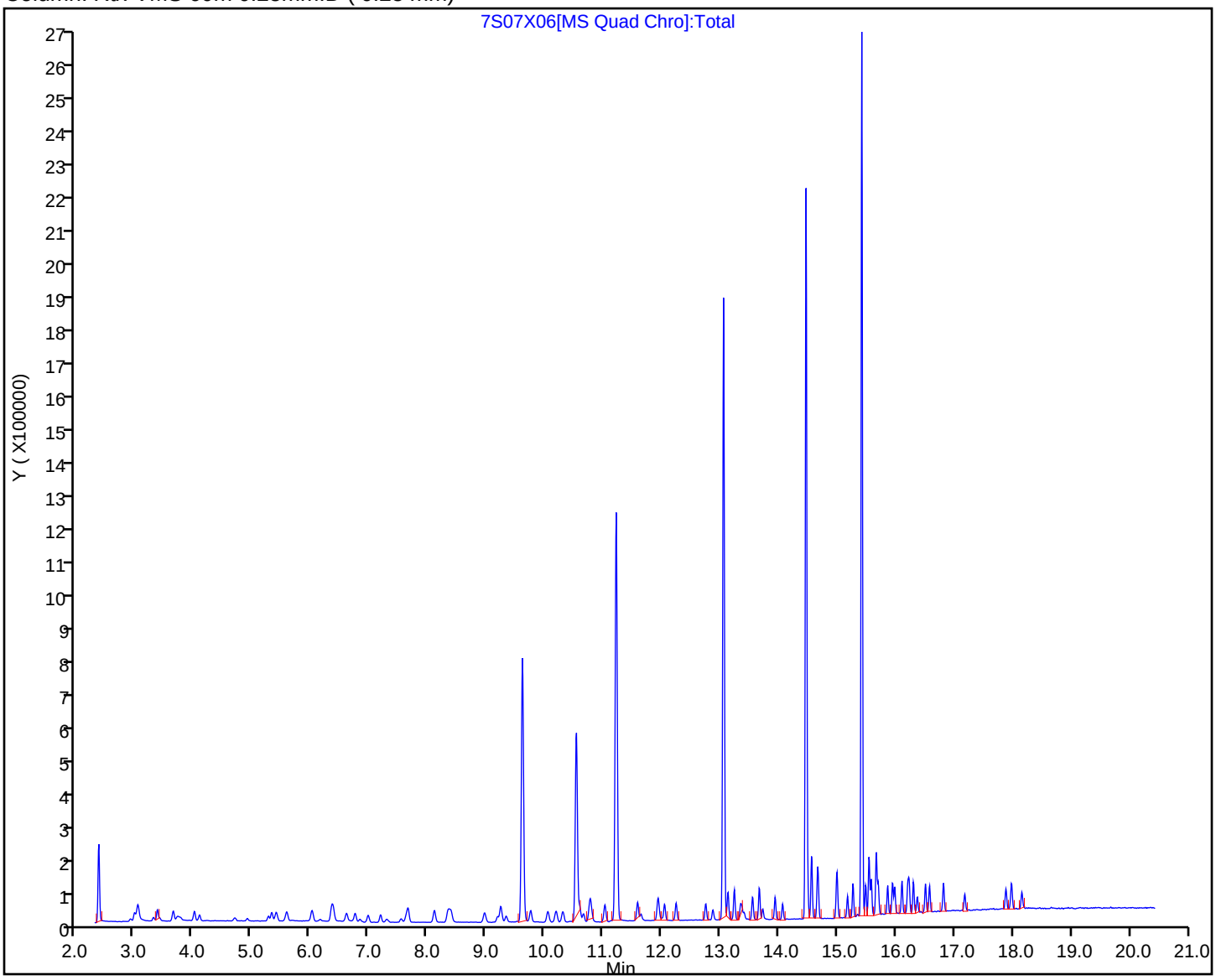
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

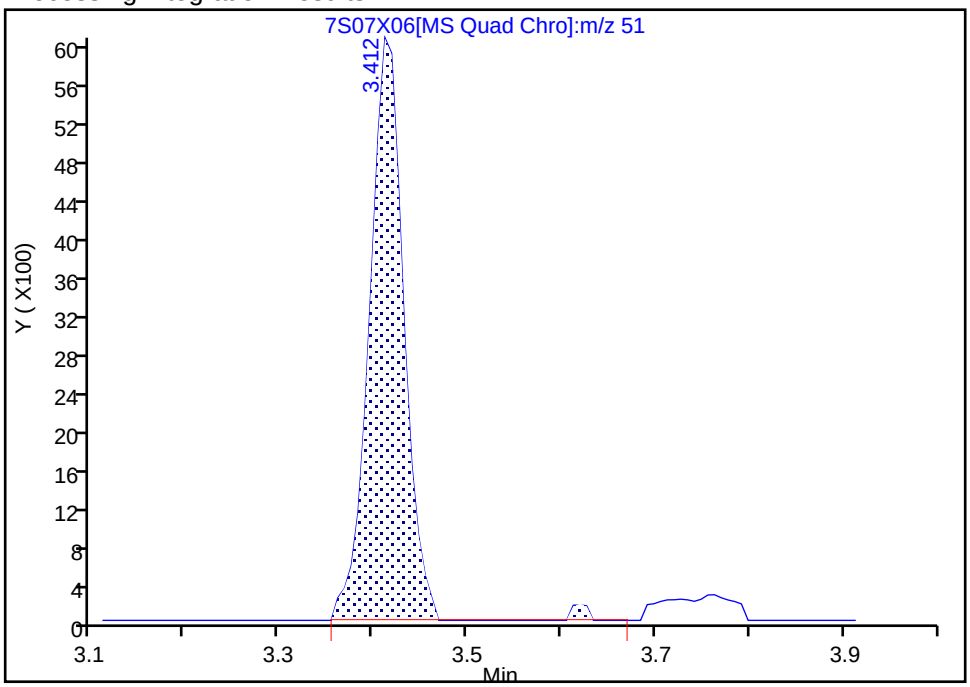
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

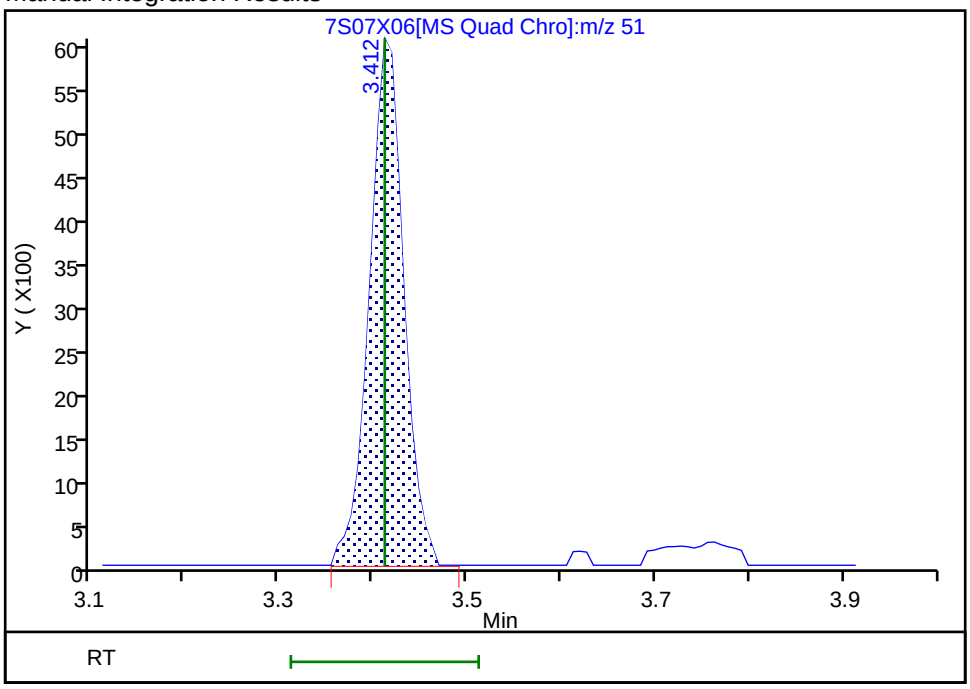
Processing Integration Results

RT: 3.41
Area: 15444
Amount: 0.357722
Amount Units: ppb v/v




Manual Integration Results

RT: 3.41
Area: 15244
Amount: 0.353453
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:27:31 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

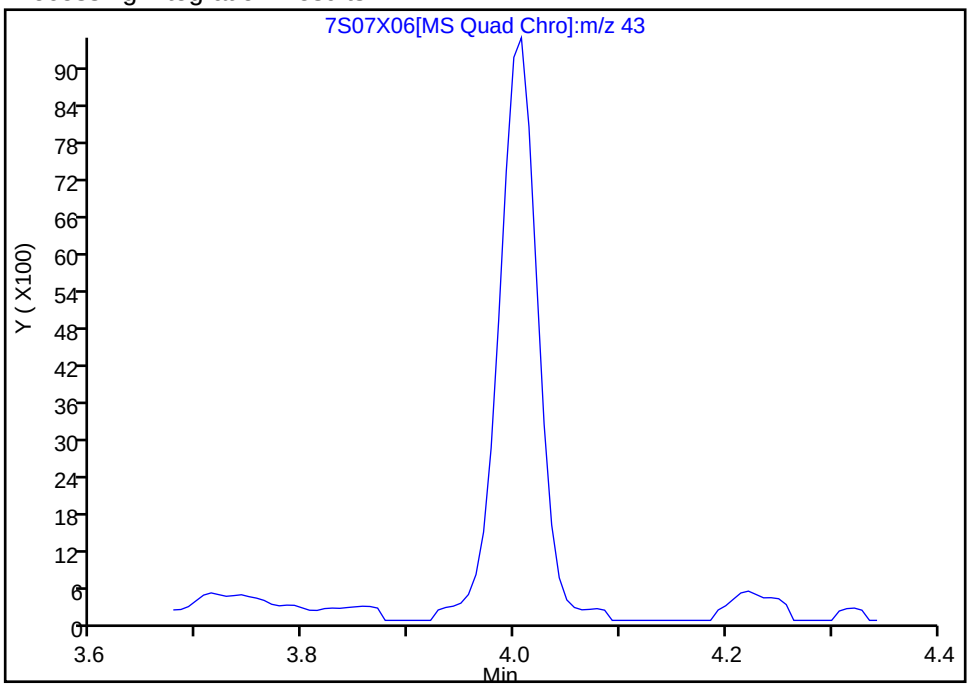
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

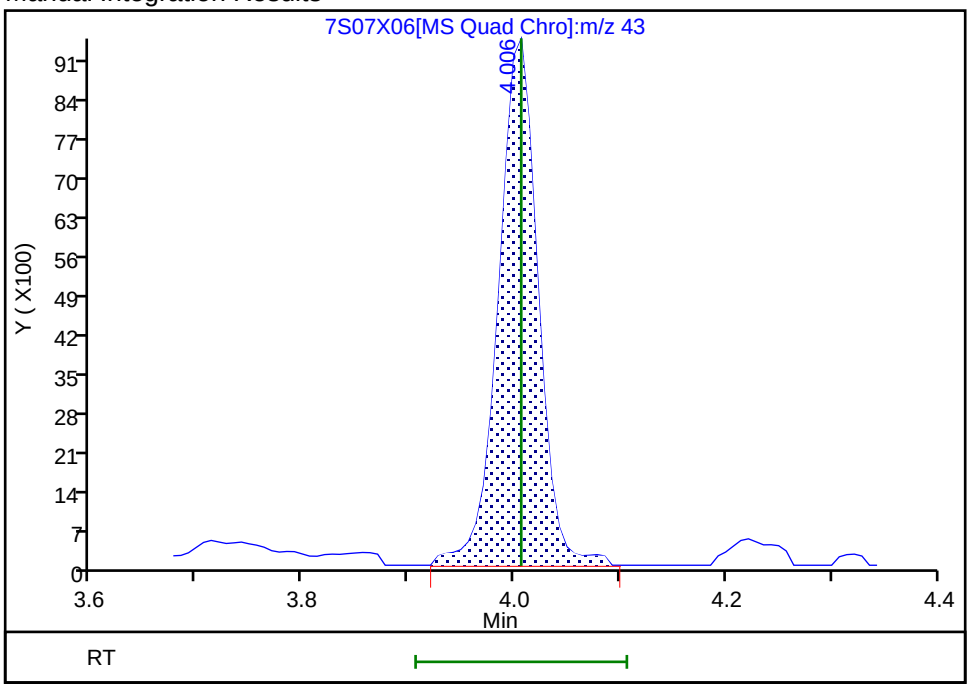
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 24688
Amount: 0.482129
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:07:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

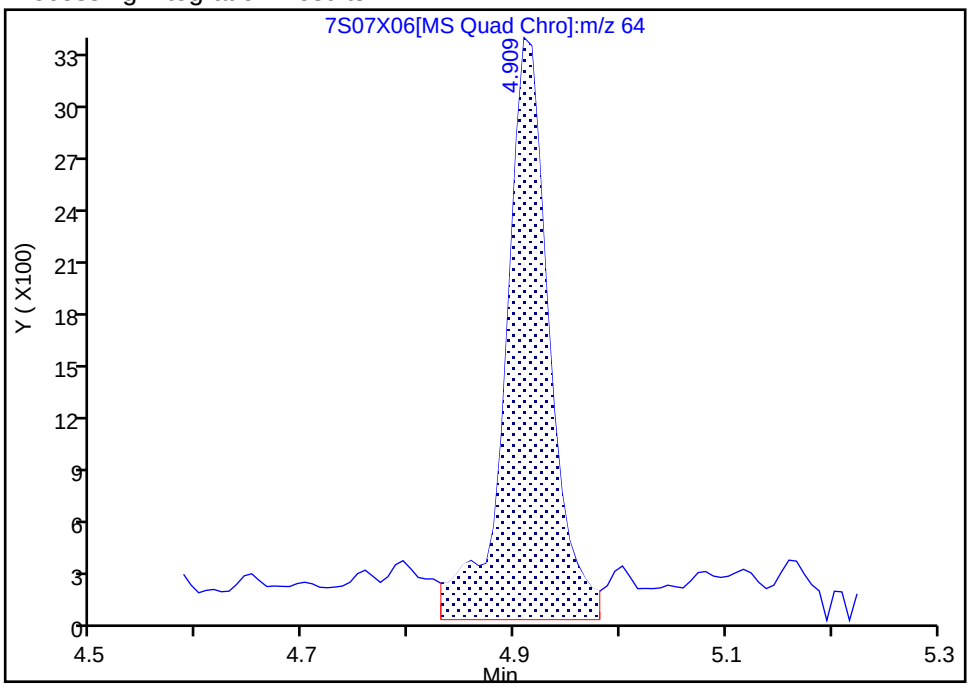
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

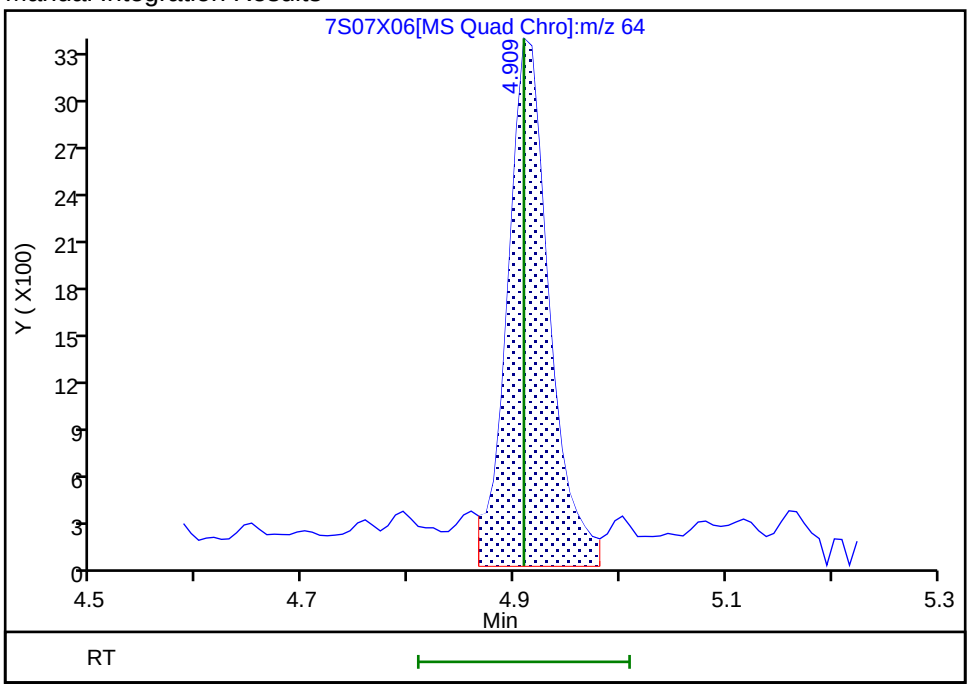
Processing Integration Results

RT: 4.91
Area: 9792
Amount: 0.578479
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 9186
Amount: 0.547580
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:14 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

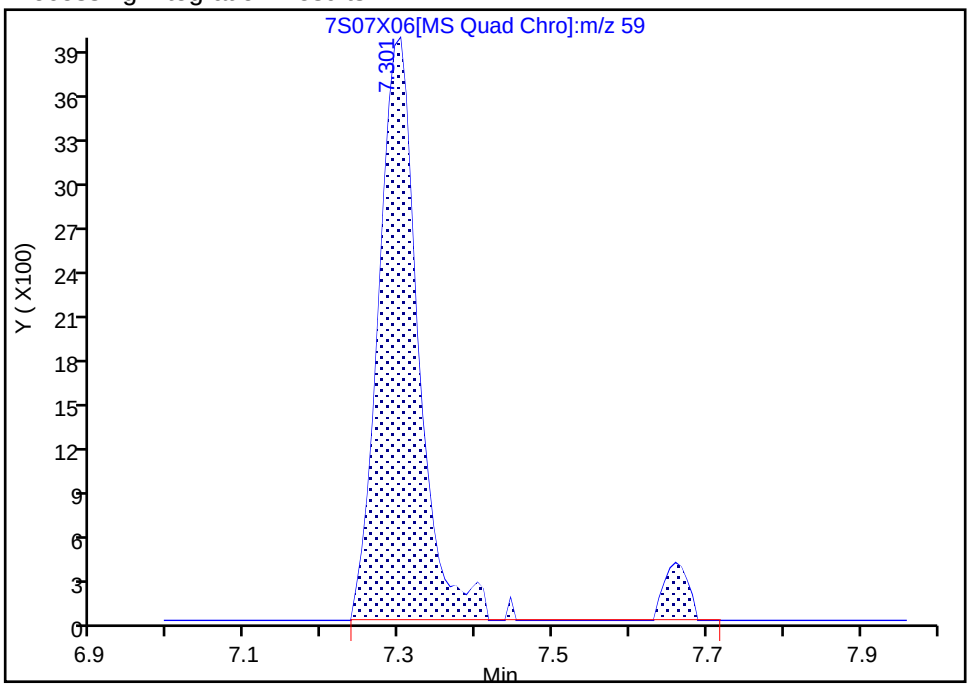
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

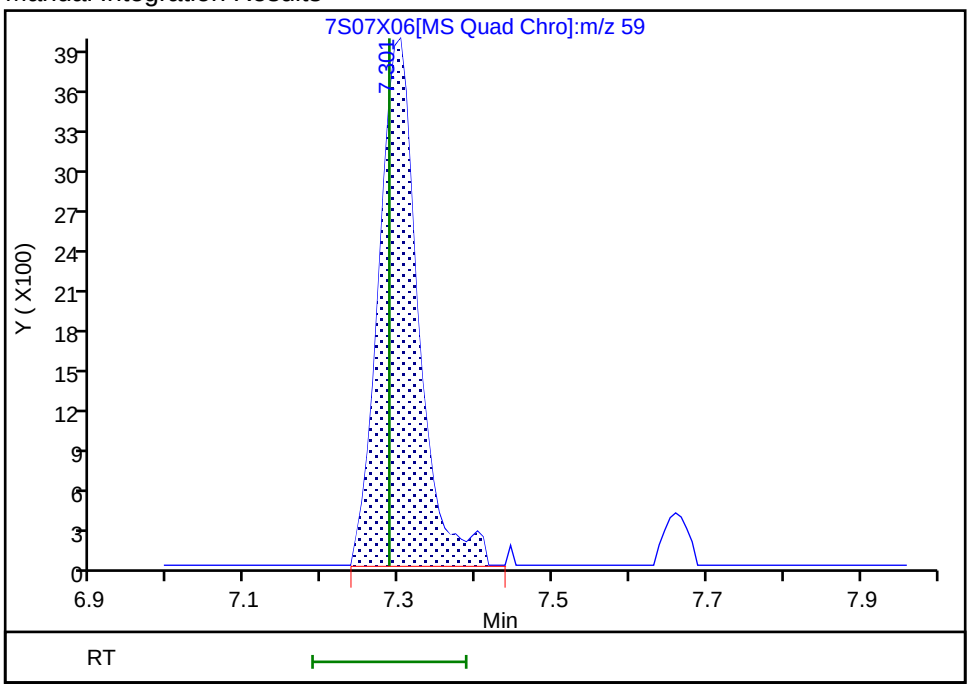
Processing Integration Results

RT: 7.30
Area: 15032
Amount: 0.490895
Amount Units: ppb v/v




Manual Integration Results

RT: 7.30
Area: 14117
Amount: 0.464055
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:28:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

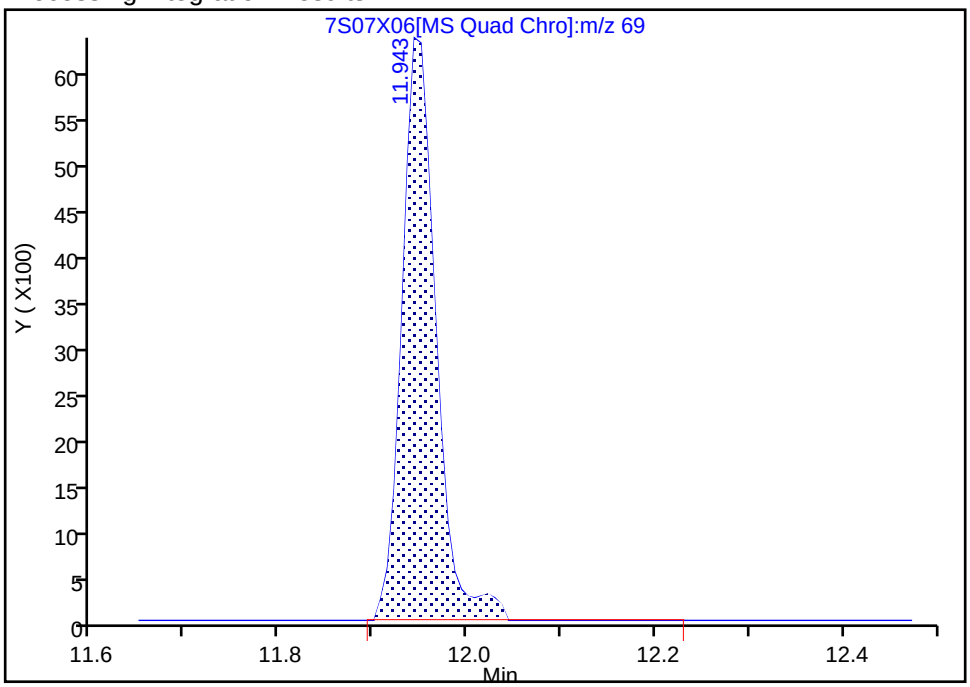
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

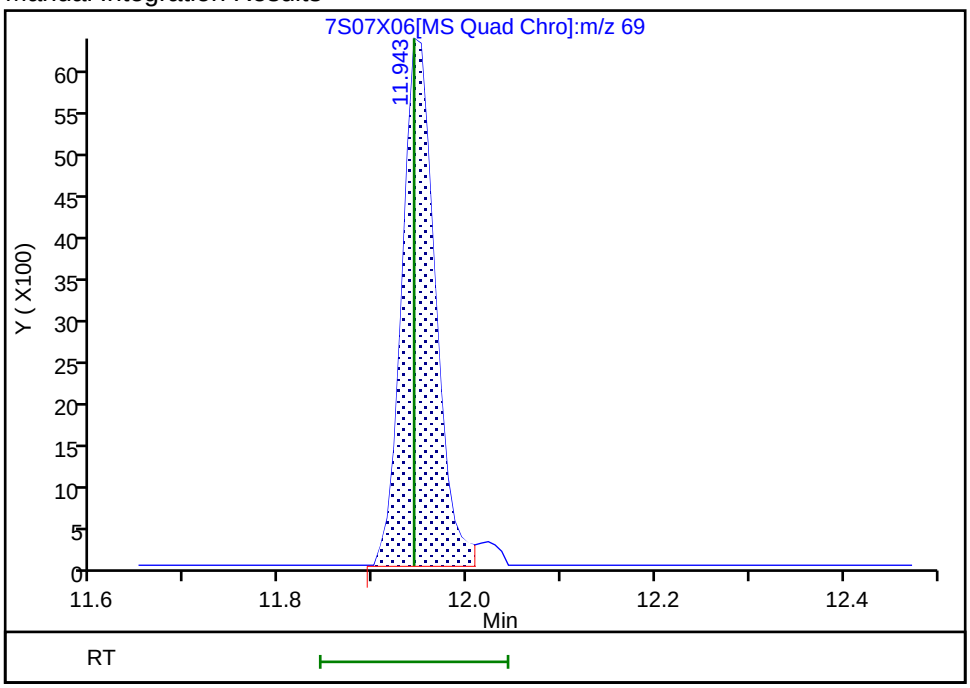
Processing Integration Results

RT: 11.94
Area: 15859
Amount: 0.507065
Amount Units: ppb v/v




Manual Integration Results

RT: 11.94
Area: 15393
Amount: 0.479523
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:59 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

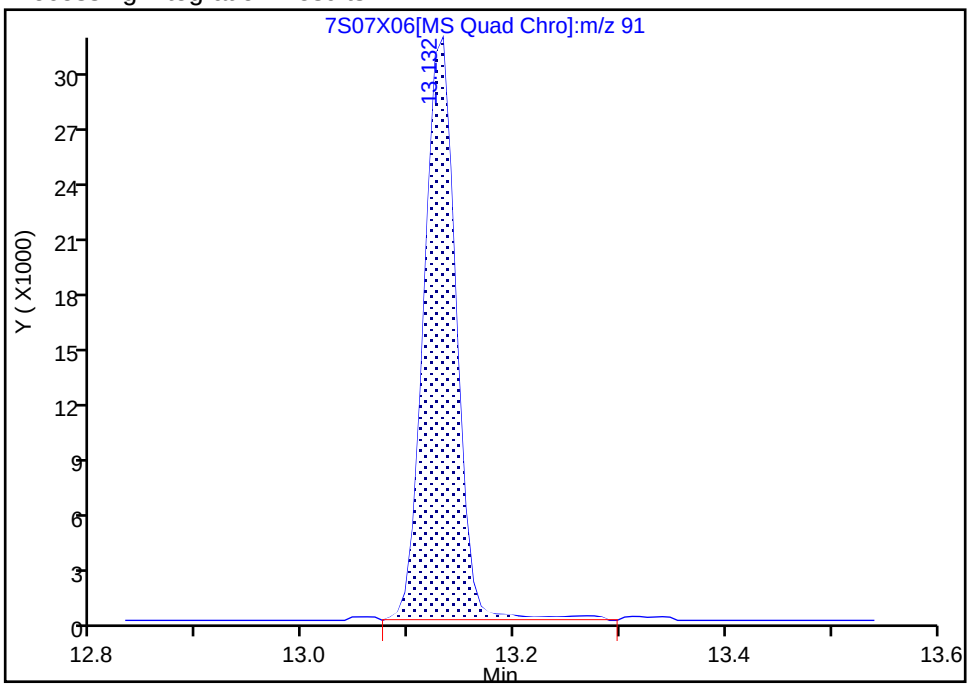
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

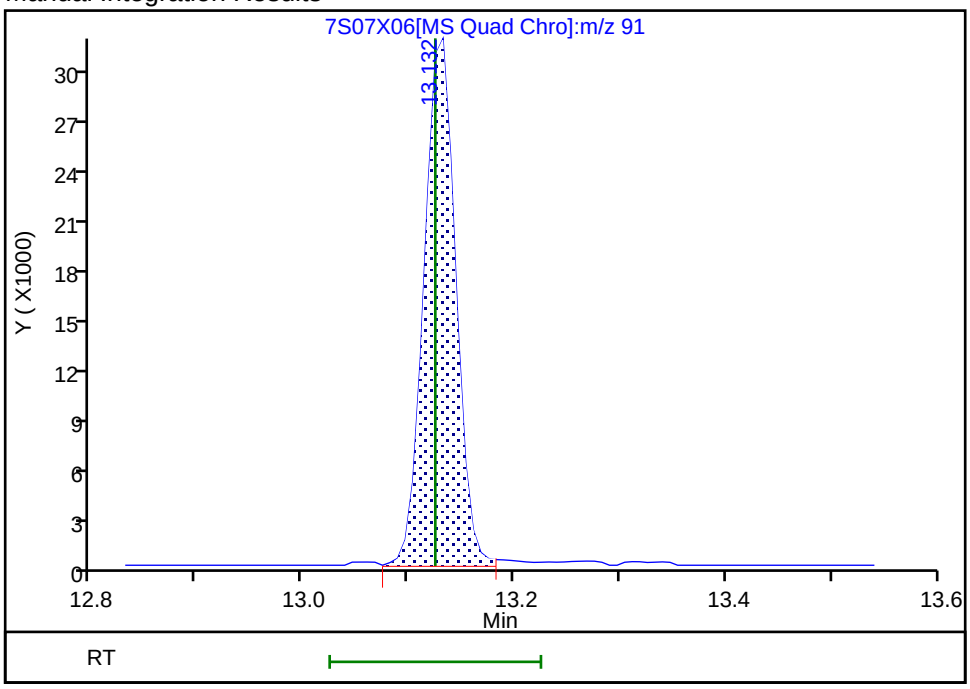
Processing Integration Results

RT: 13.13
Area: 66058
Amount: 0.501662
Amount Units: ppb v/v




Manual Integration Results

RT: 13.13
Area: 64669
Amount: 0.535195
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

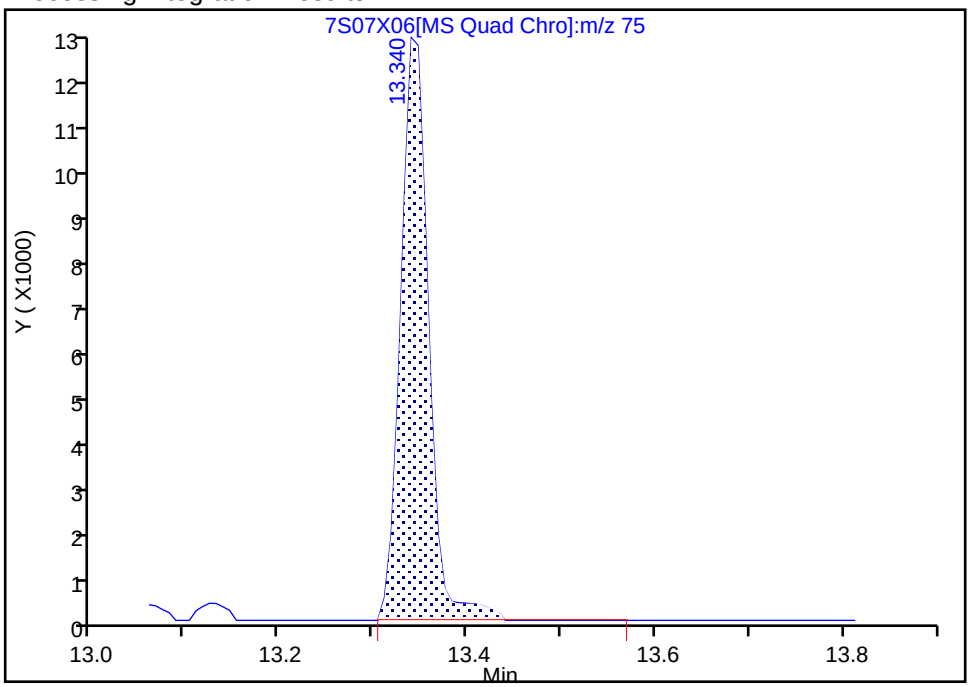
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

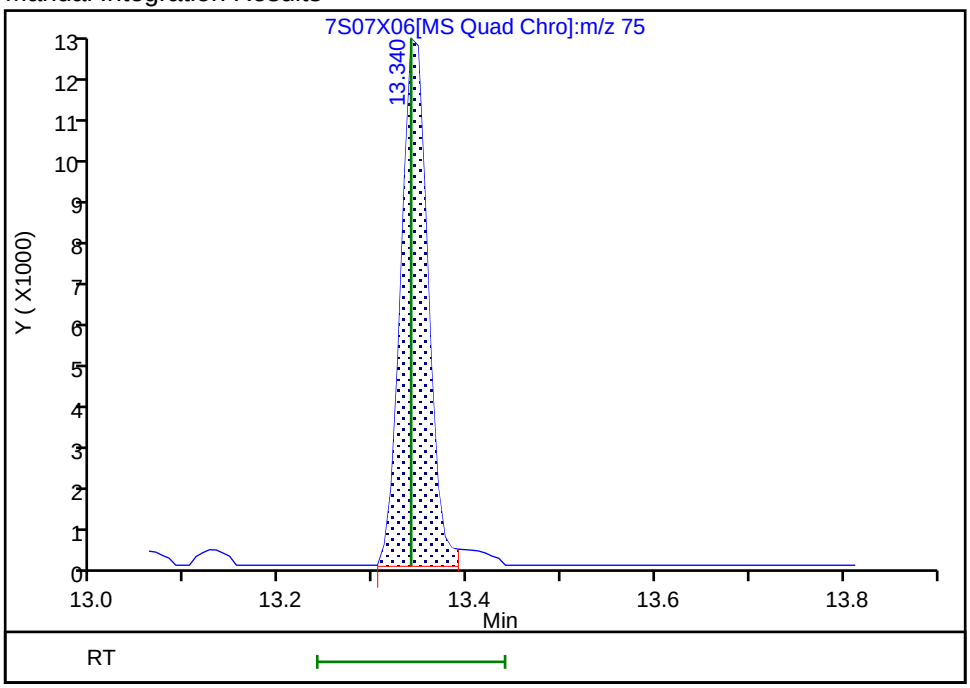
Processing Integration Results

RT: 13.34
Area: 24768
Amount: 0.509315
Amount Units: ppb v/v




Manual Integration Results

RT: 13.34
Area: 23970
Amount: 0.494709
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:42 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

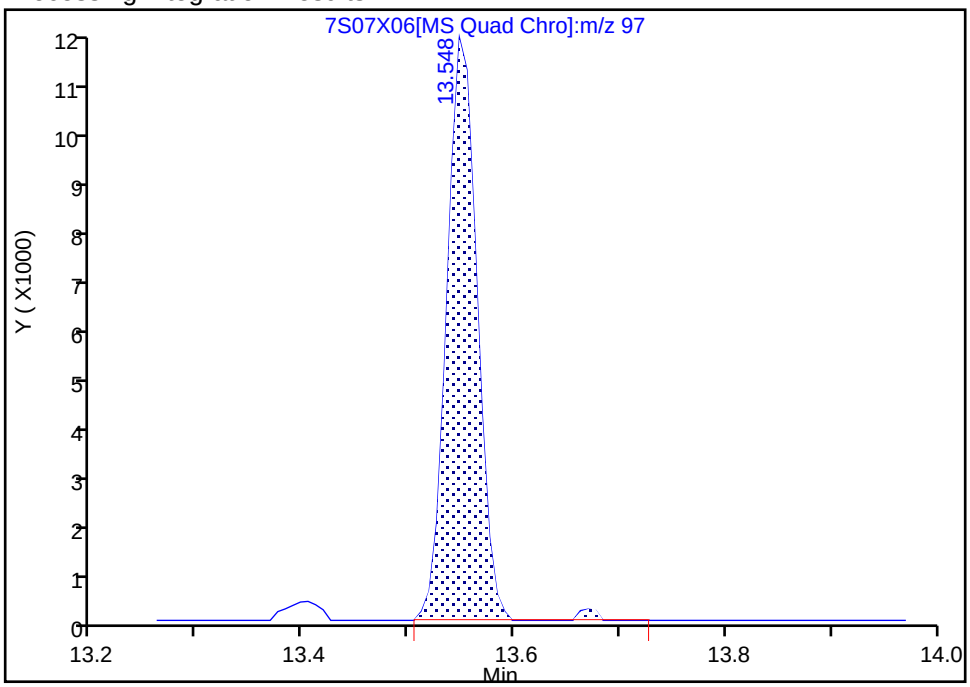
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

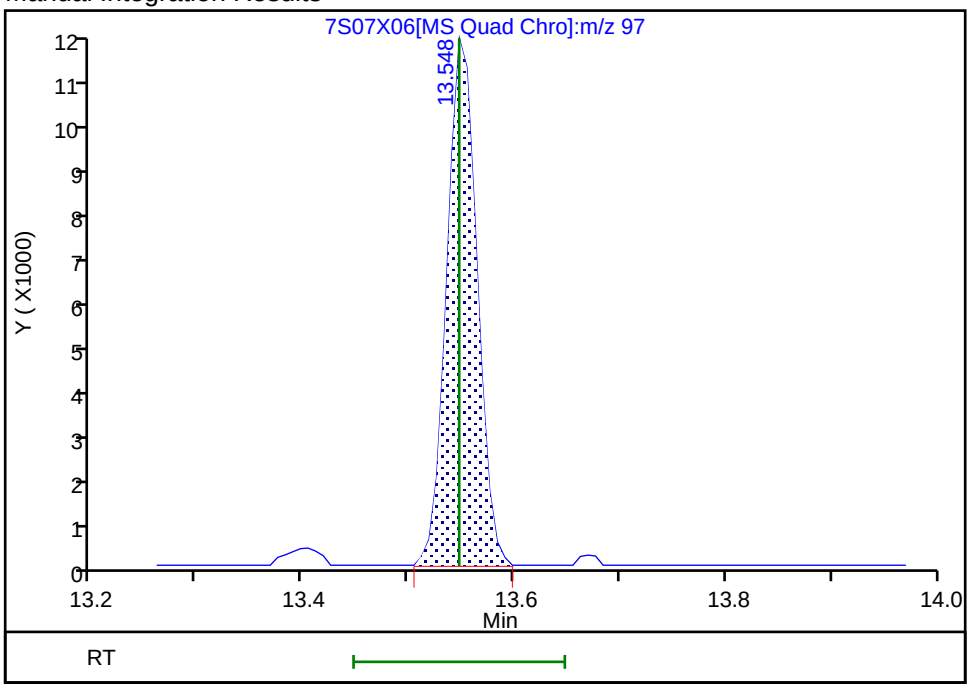
Processing Integration Results

RT: 13.55
Area: 23012
Amount: 0.529756
Amount Units: ppb v/v




Manual Integration Results

RT: 13.55
Area: 22749
Amount: 0.560679
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:10 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

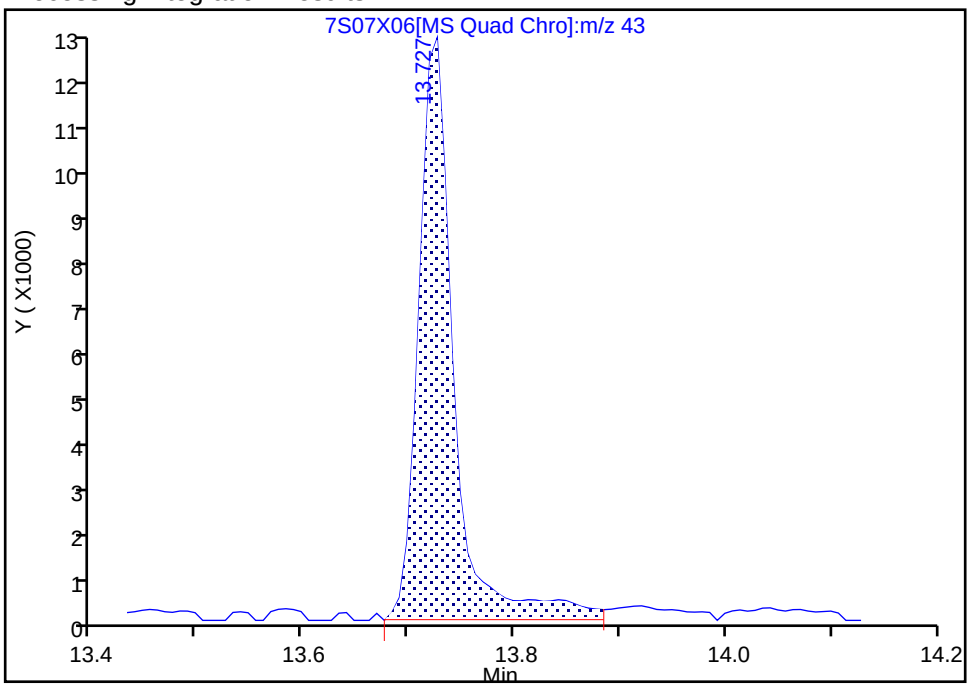
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

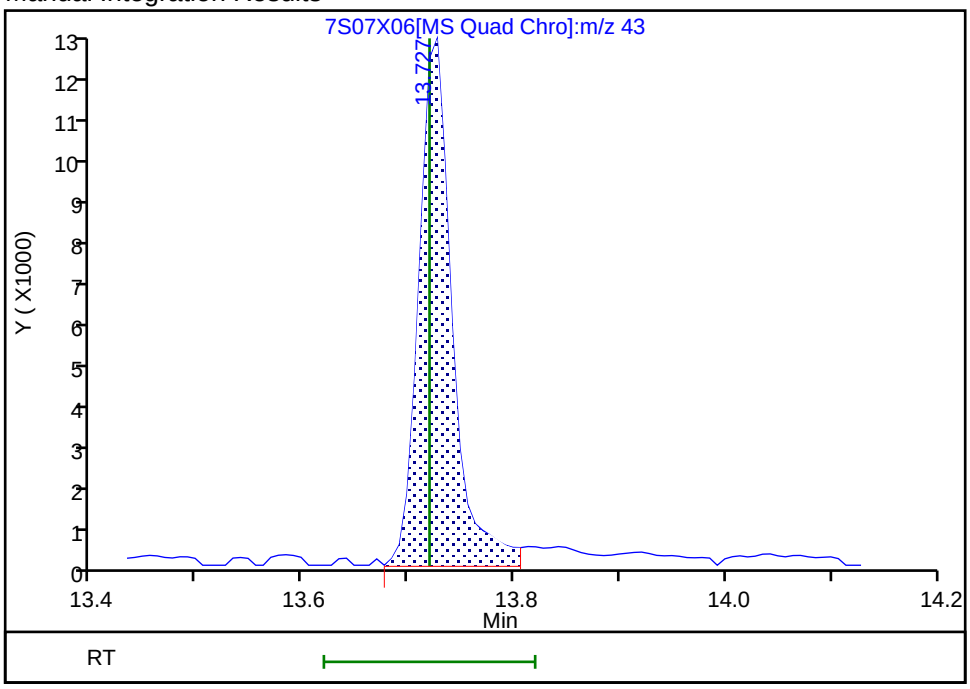
Processing Integration Results

RT: 13.73
Area: 29509
Amount: 0.398814
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 27736
Amount: 0.376858
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:49 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

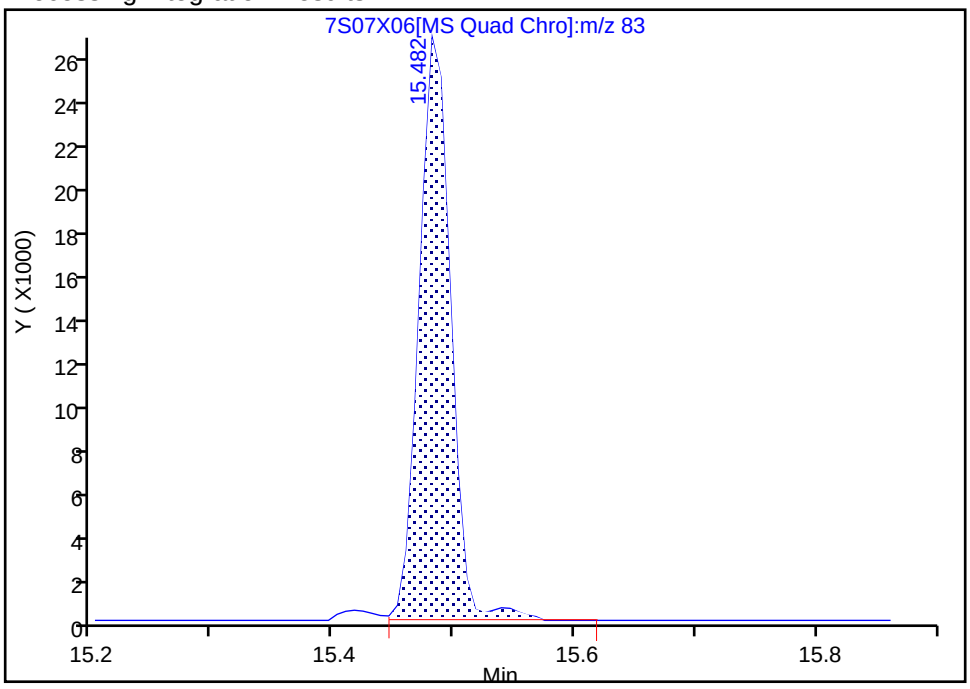
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

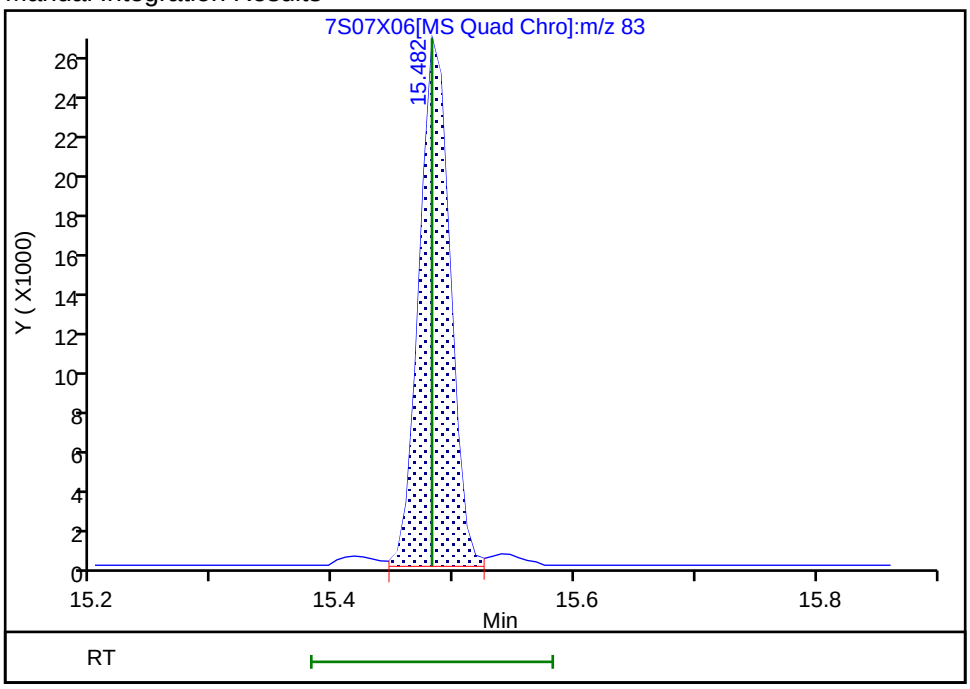
Processing Integration Results

RT: 15.48
Area: 47282
Amount: 0.503498
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 46212
Amount: 0.499529
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

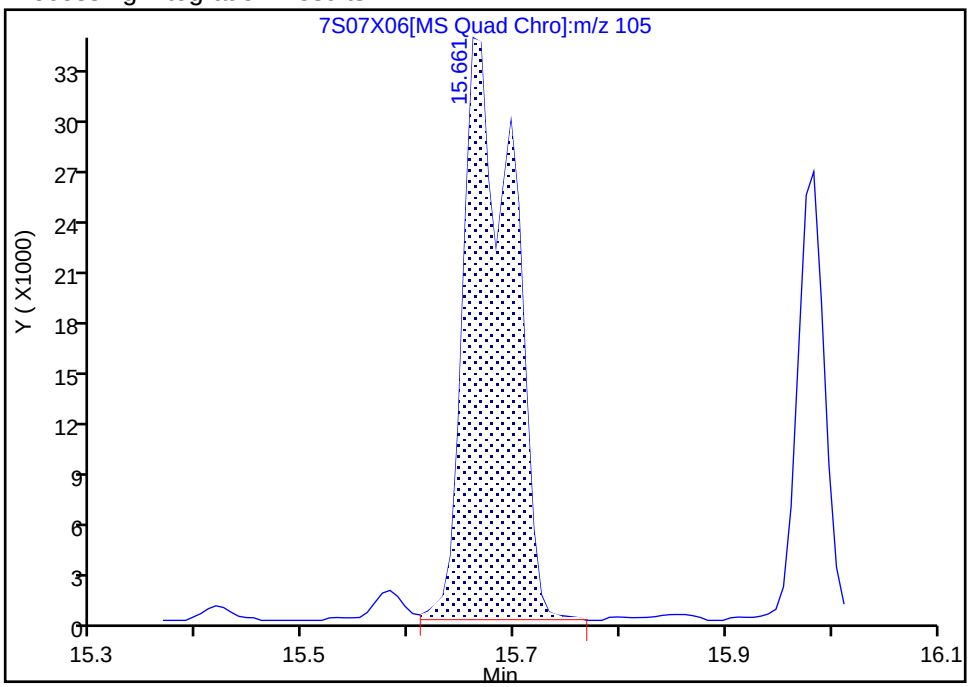
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

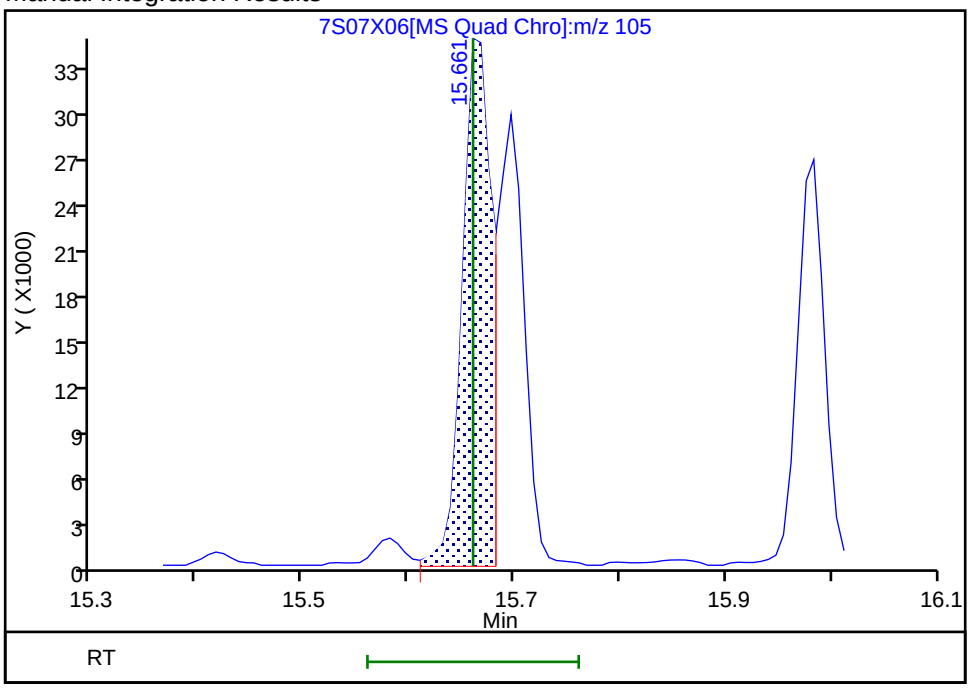
Processing Integration Results

RT: 15.66
Area: 114110
Amount: 0.521949
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 64664
Amount: 0.480288
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:50 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

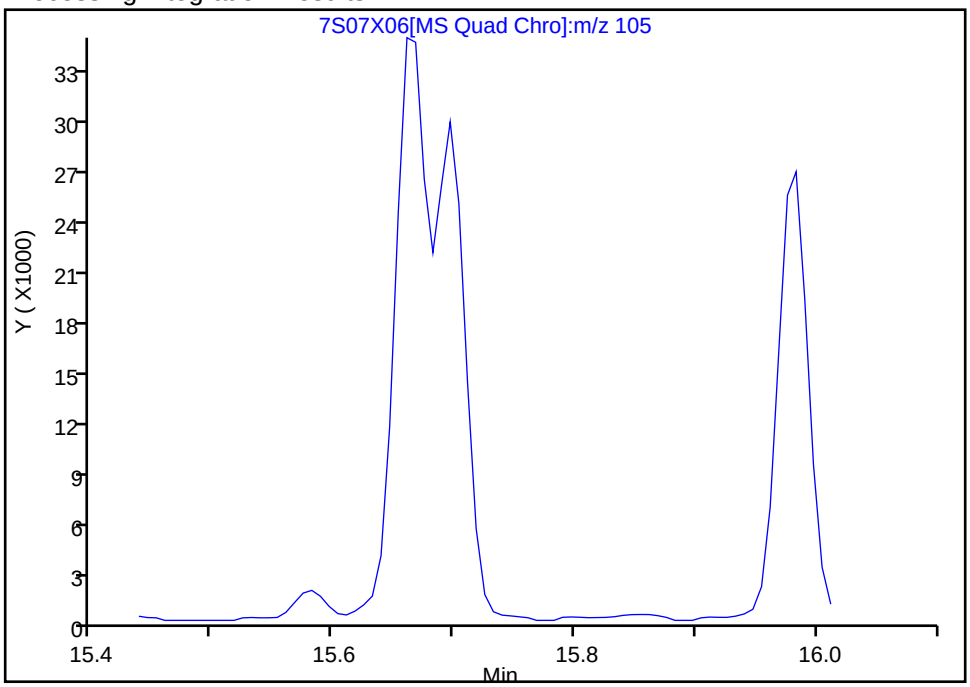
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

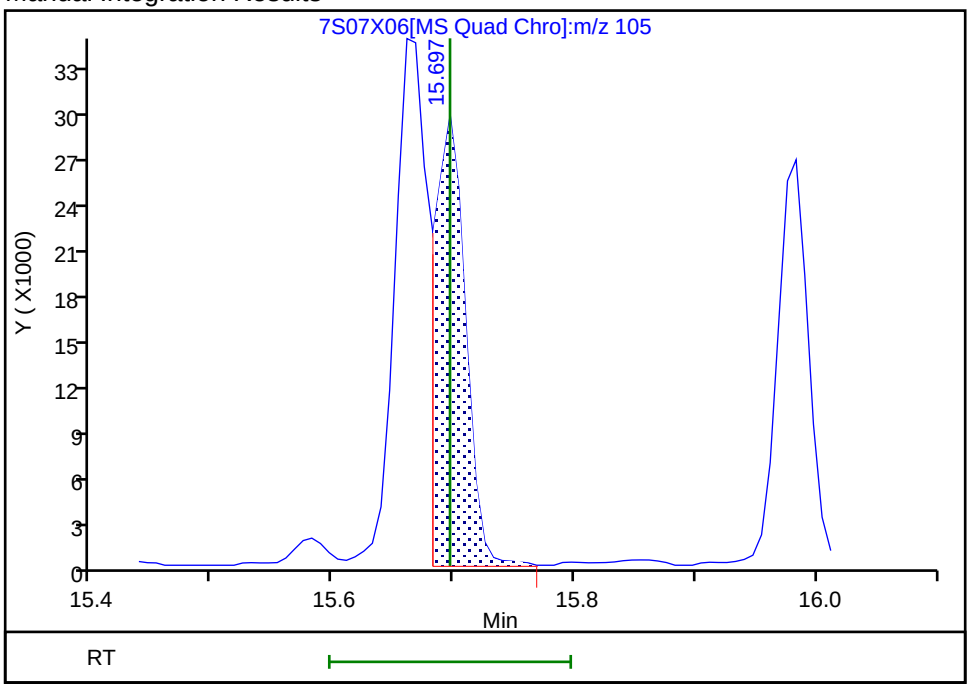
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 49445
Amount: 0.458752
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:07 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

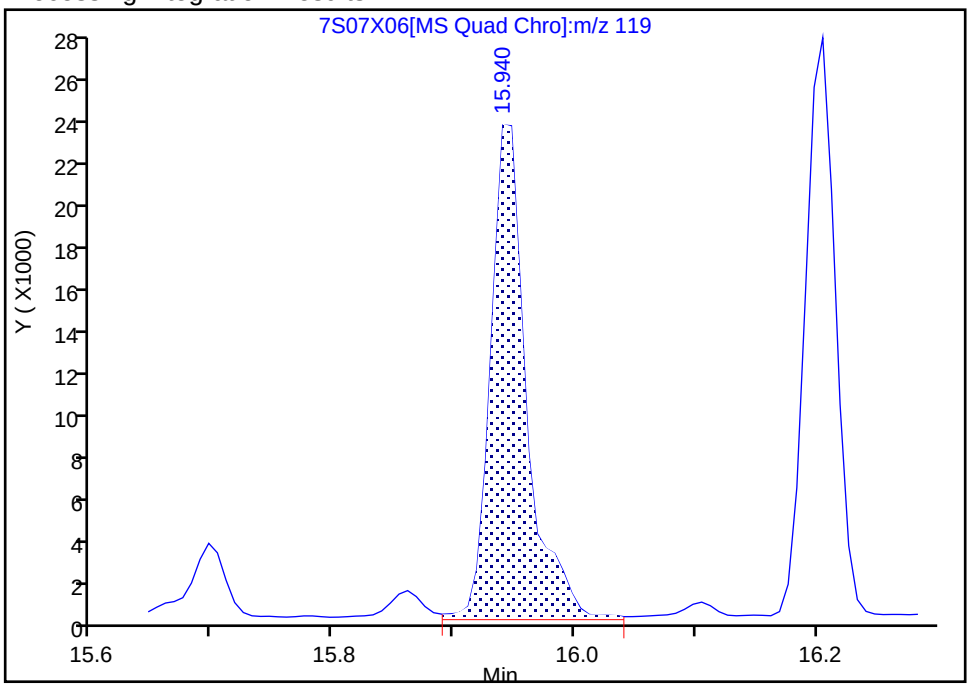
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

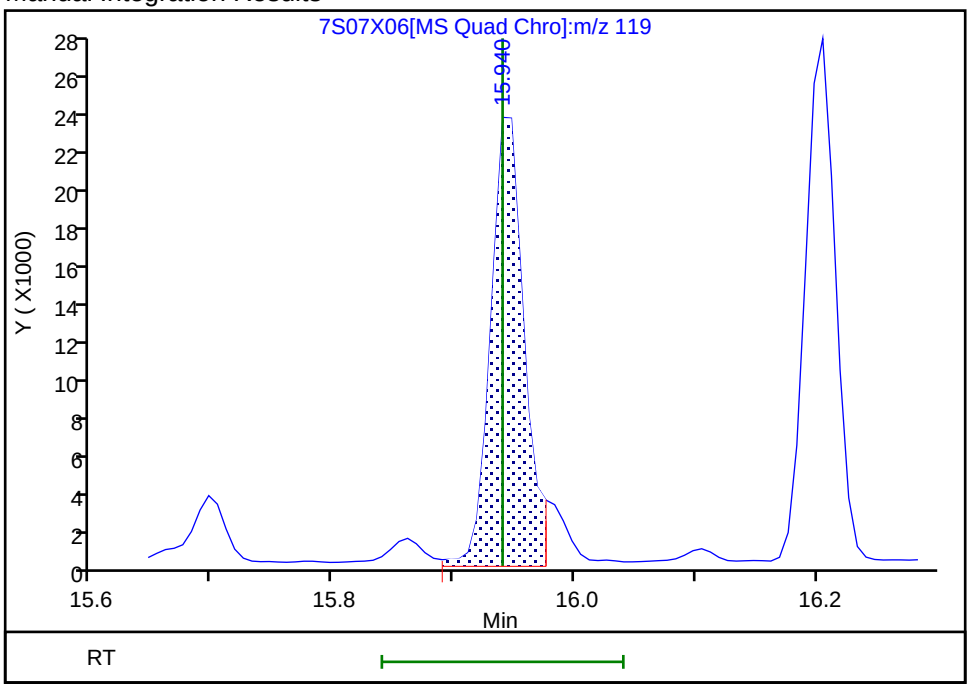
Processing Integration Results

RT: 15.94
Area: 49818
Amount: 0.459736
Amount Units: ppb v/v




Manual Integration Results

RT: 15.94
Area: 45387
Amount: 0.422686
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:40:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Lims ID: IC Cal 1ppb
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Sep-2025 00:45:17 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 1PPB
Misc. Info.: 410-0158855-007
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:48:08 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:25:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 99 | 19588 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 98 | 72882 | 1.00 | 0.9585 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 37016 | 1.00 | 0.8600 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 93 | 62301 | 1.00 | 0.9210 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 96 | 23163 | 1.00 | 0.8507 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 0 | 44844 | 1.00 | 0.8775 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 82 | 24510 | 1.00 | 0.8842 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 19703 | 1.00 | 0.9168 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 83 | 20147 | 1.00 | 0.9757 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 91 | 17315 | 1.00 | 1.03 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 95 | 24937 | 1.00 | 0.9285 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 82 | 67765 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 85 | 69984 | 1.00 | 1.01 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 94 | 53277 | NC | NC | |
| 14 Ethanol | 45 | 5.675 | 5.661 | 0.014 | 52 | 8152 | NC | NC | |
| 19 Acrolein | 56 | 6.155 | 6.148 | 0.007 | 90 | 12405 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 44481 | 1.00 | 0.9491 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 87 | 30580 | 1.00 | 0.8853 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.008 | 98 | 48546 | 1.00 | 0.9816 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 72 | 33931 | 1.00 | 0.9269 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 98 | 49416 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 92043 | 1.00 | 0.9284 | |
| 28 Acetonitrile | 41 | 6.836 | 6.829 | 0.007 | 87 | 26603 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 90 | 40743 | 1.00 | 0.8927 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.187 | 0.007 | 93 | 24191 | 1.00 | 0.9222 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 37 | 29204 | 1.14 | 0.9619 | |
| 31 Acrylonitrile | 53 | 7.538 | 7.531 | 0.007 | 98 | 26585 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 64079 | 1.00 | 0.8931 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 92 | 47872 | 1.00 | 0.9607 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 89 | 25319 | 1.00 | 0.9850 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.333 | 8.326 | 0.007 | 97 | 6002 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 86 | 59843 | 1.00 | 0.9850 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 93 | 93948 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 90 | 78548 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 98 | 12982 | 1.00 | 0.9232 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 73 | 54641 | 1.00 | 0.9664 | |
| 38 Ethyl acetate | 70 | 9.257 | 9.243 | 0.015 | 88 | 7582 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.336 | 9.321 | 0.015 | 90 | 55460 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 332839 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 51 | 39886 | 1.00 | 0.9801 | |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 80 | 67883 | 1.00 | 1.00 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 58 | 55375 | 1.00 | 0.9216 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 90 | 42613 | 1.00 | 0.8971 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 78 | 54014 | 1.00 | 0.9711 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 535673 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 92 | 97314 | 1.00 | 0.9417 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 58 | 48066 | 1.00 | 1.01 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 70 | 66912 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 143541 | 1.00 | 0.9075 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 93 | 29056 | 1.00 | 0.9297 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1278199 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 89 | 38215 | 1.00 | 0.9289 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 97 | 63413 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 82 | 41841 | 1.00 | 0.9728 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 87 | 31107 | 1.00 | 0.9530 | |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 84 | 10862 | 1.00 | 0.7778 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 83 | 34291 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 91 | 70948 | 1.00 | 0.9420 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 84 | 56932 | 1.00 | 0.9409 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 97 | 62595 | 1.00 | 0.7864 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372796 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 79 | 119024 | 1.00 | 0.9853 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 87 | 84695 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 98 | 47889 | 1.00 | 0.9887 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 86 | 45184 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 91 | 39328 | 1.00 | 0.9696 | M |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 91 | 48251 | 1.00 | 0.9270 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 93 | 64120 | 1.00 | 0.8715 | |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 90 | 50960 | 1.00 | 0.9778 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 97 | 61152 | 1.00 | 1.01 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1173211 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 89031 | 1.00 | 0.9733 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 65 | 140729 | 1.00 | 0.9649 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 52 | 41919 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 203996 | 2.00 | 1.88 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 93 | 103479 | 1.00 | 0.9619 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 89 | 74172 | 1.00 | 0.9490 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 55660 | 1.00 | 0.9862 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 89 | 130946 | 1.00 | 0.9719 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 31 | 89199 | 1.00 | 0.9645 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 20534 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 86 | 46832 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 85 | 33671 | 1.00 | 0.9206 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 85 | 130349 | 1.00 | 0.9684 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 93 | 32940 | 1.00 | 0.9436 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 65 | 103654 | 1.00 | 0.9620 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 51918 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 78 | 97090 | 1.00 | 0.9045 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 102128 | 1.00 | 0.8968 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 148179 | 1.00 | 0.9072 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 94 | 110572 | 1.00 | 0.8531 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 72443 | 1.00 | 0.9595 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 72936 | 1.00 | 0.9602 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 84 | 14605 | 1.00 | 0.8194 | M |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 95 | 58529 | 1.00 | 0.8365 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 92 | 64839 | 1.00 | 0.9278 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 90 | 35697 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 70 | 27427 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 43067 | 1.00 | 0.9132 | |
| 96 Hexachlorobutadiene | 225 | 17.975 | 17.974 | 0.001 | 89 | 37219 | 1.00 | 0.8764 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 93859 | 1.00 | 0.8378 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 102513 | 2.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 2.00 | 1.93 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 307475 | 3.00 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:12 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D

Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004

Lims ID: IC Cal 1ppb

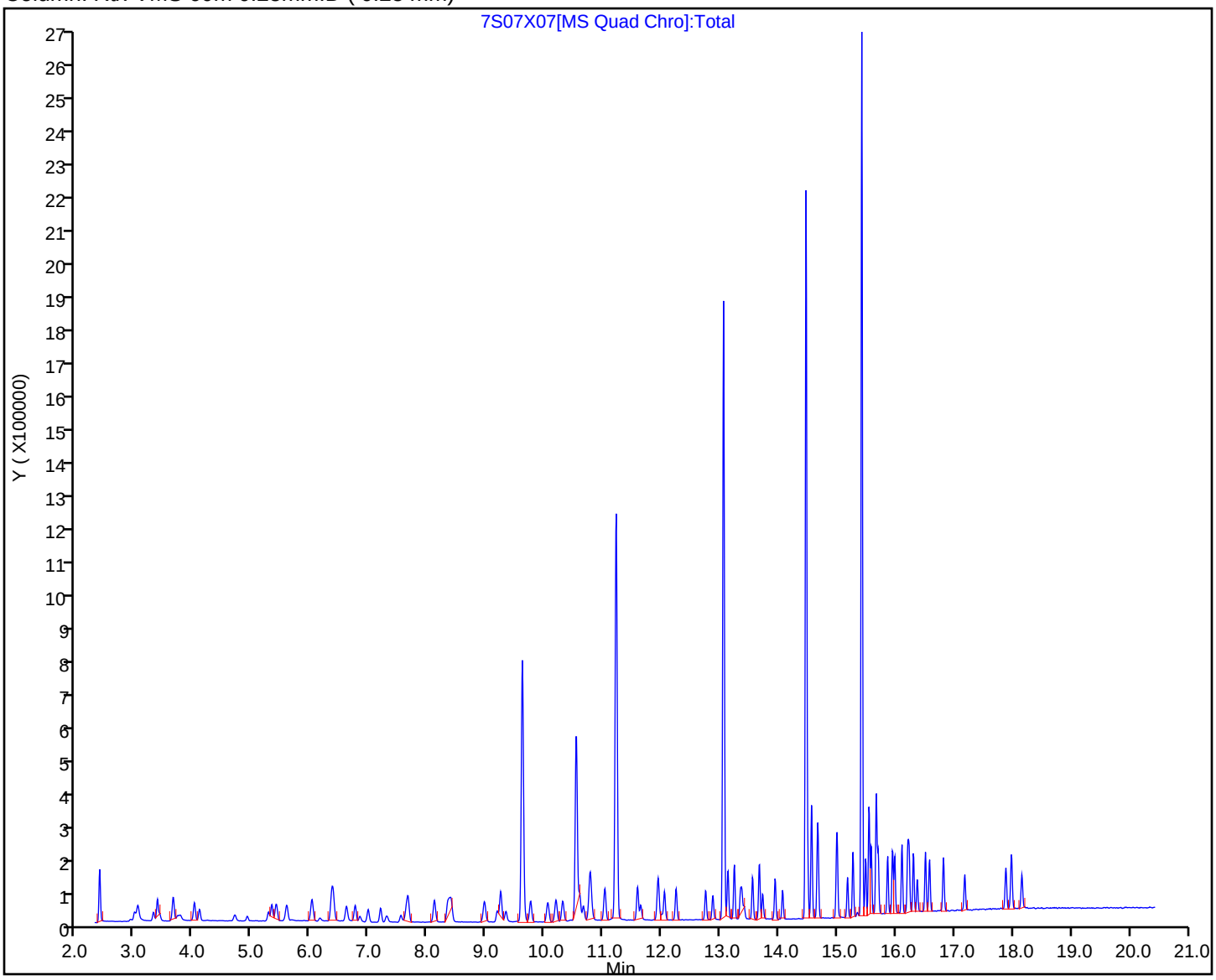
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

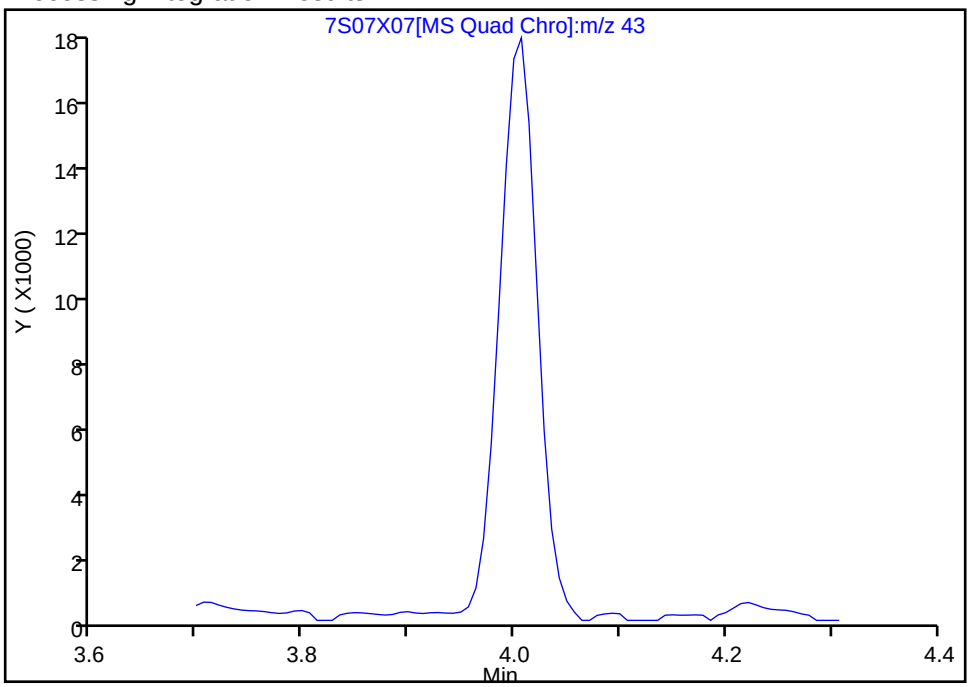
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

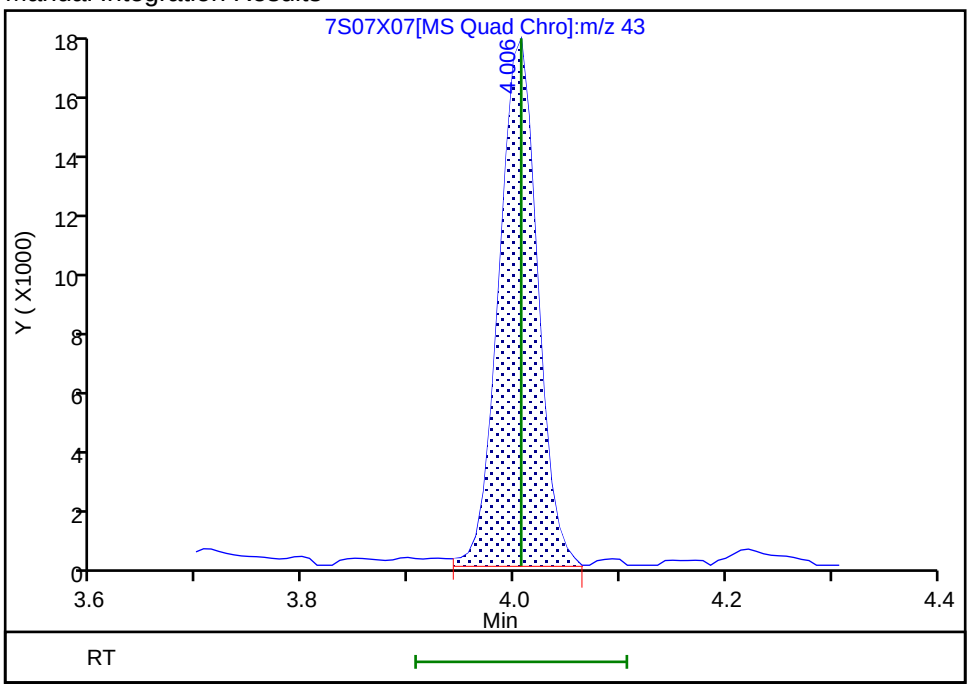
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 44844
Amount: 0.877498
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:05:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

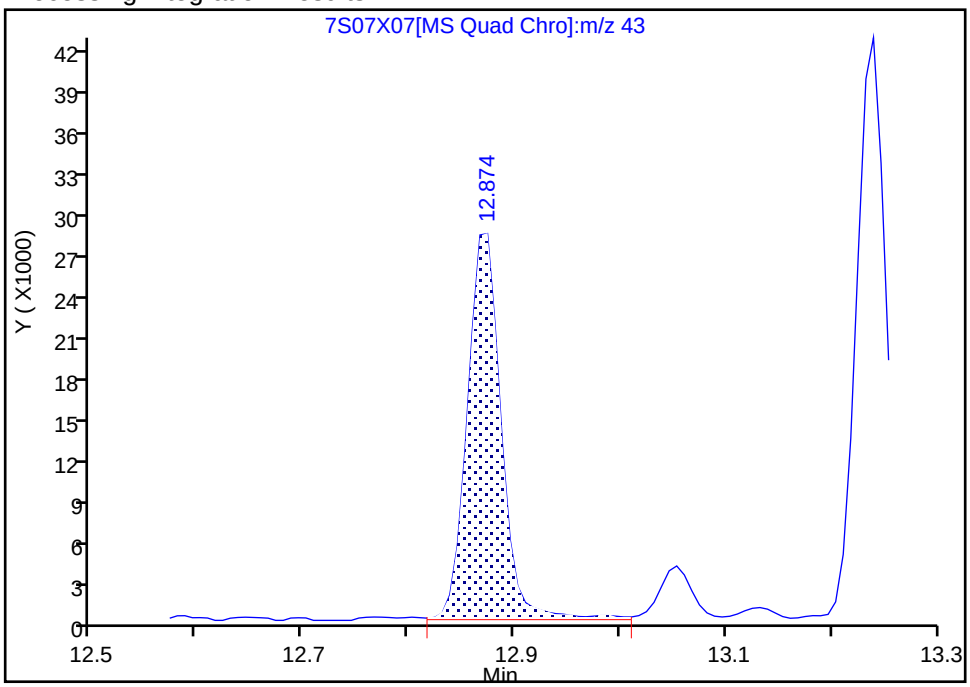
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

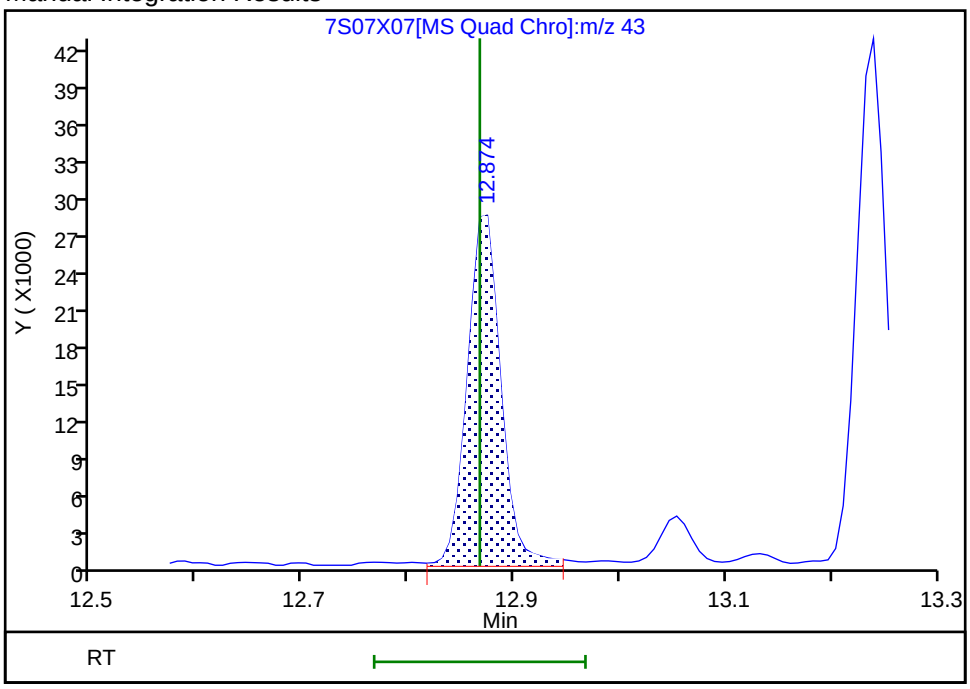
Processing Integration Results

RT: 12.87
Area: 63813
Amount: 0.799237
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 62595
Amount: 0.786417
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:03:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

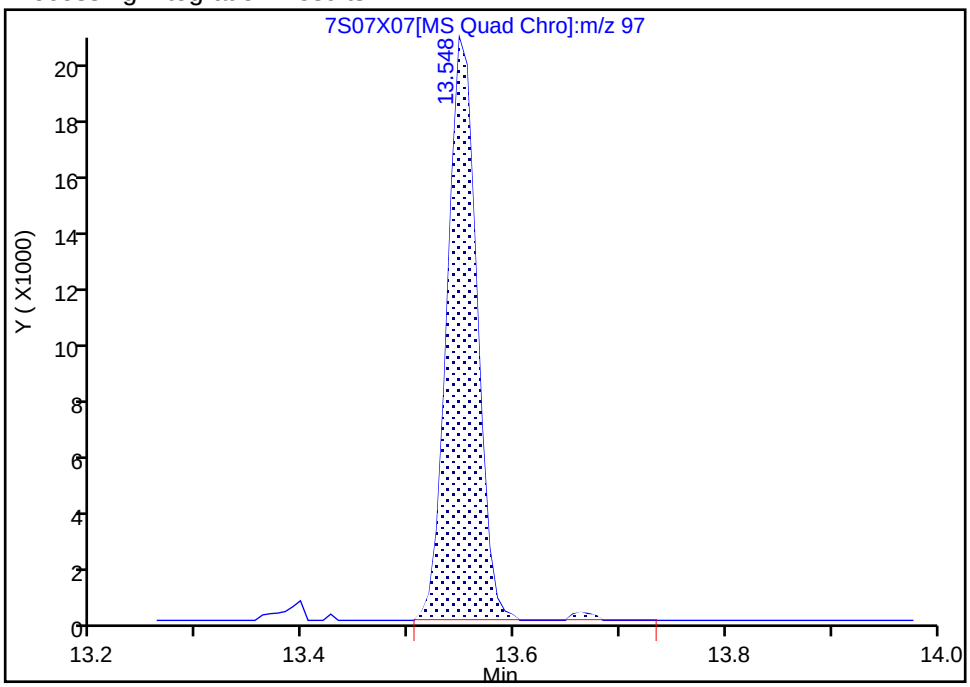
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

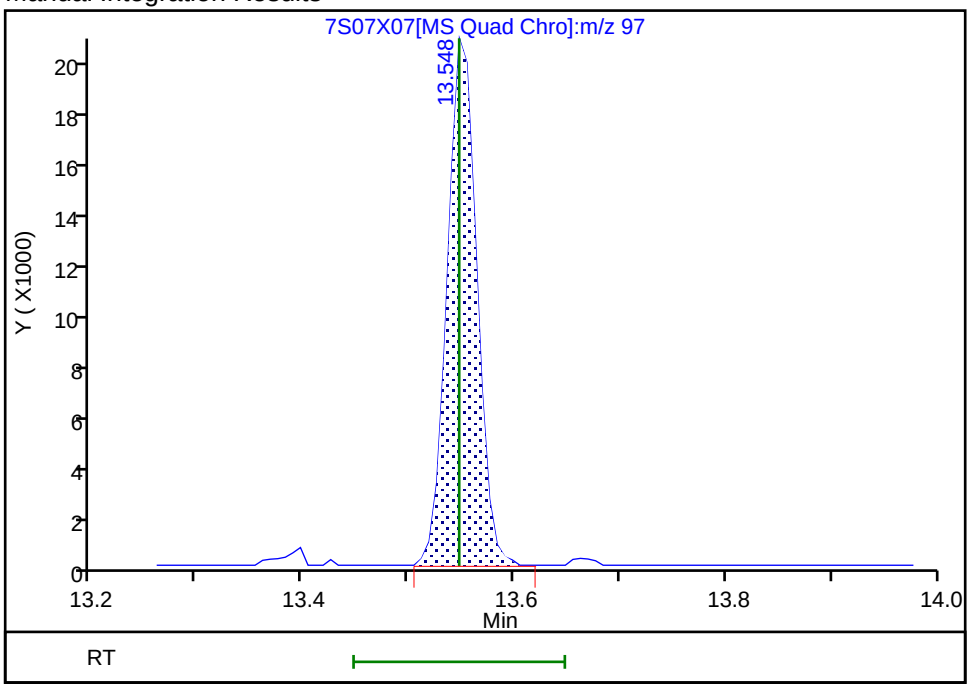
Processing Integration Results

RT: 13.55
Area: 39714
Amount: 0.913613
Amount Units: ppb v/v




Manual Integration Results

RT: 13.55
Area: 39328
Amount: 0.969570
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:23:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

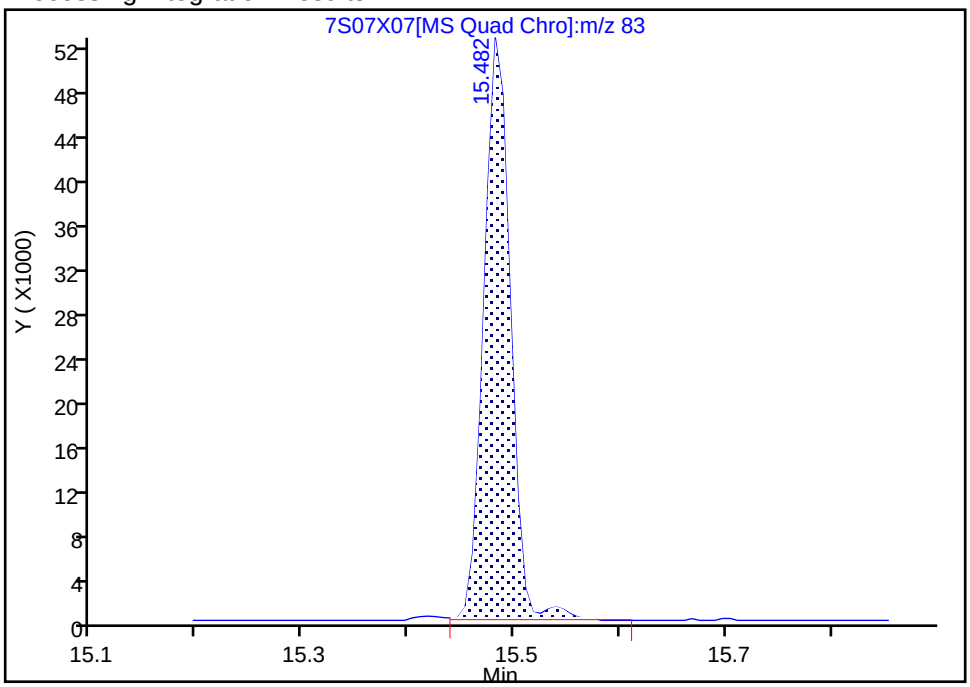
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

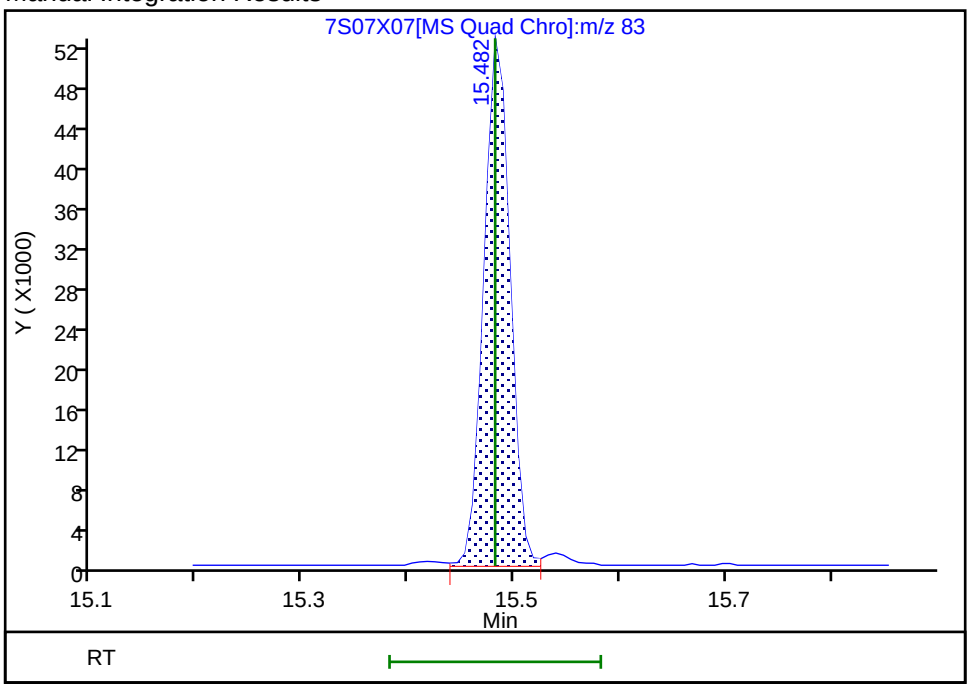
Processing Integration Results

RT: 15.48
Area: 91256
Amount: 0.969691
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 89199
Amount: 0.964476
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:12 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

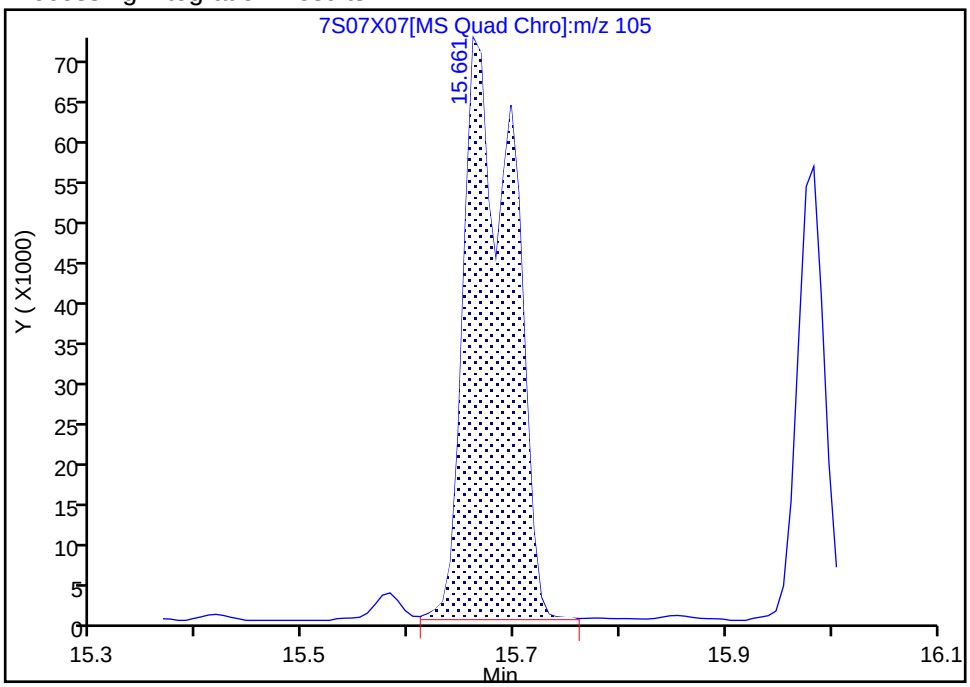
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

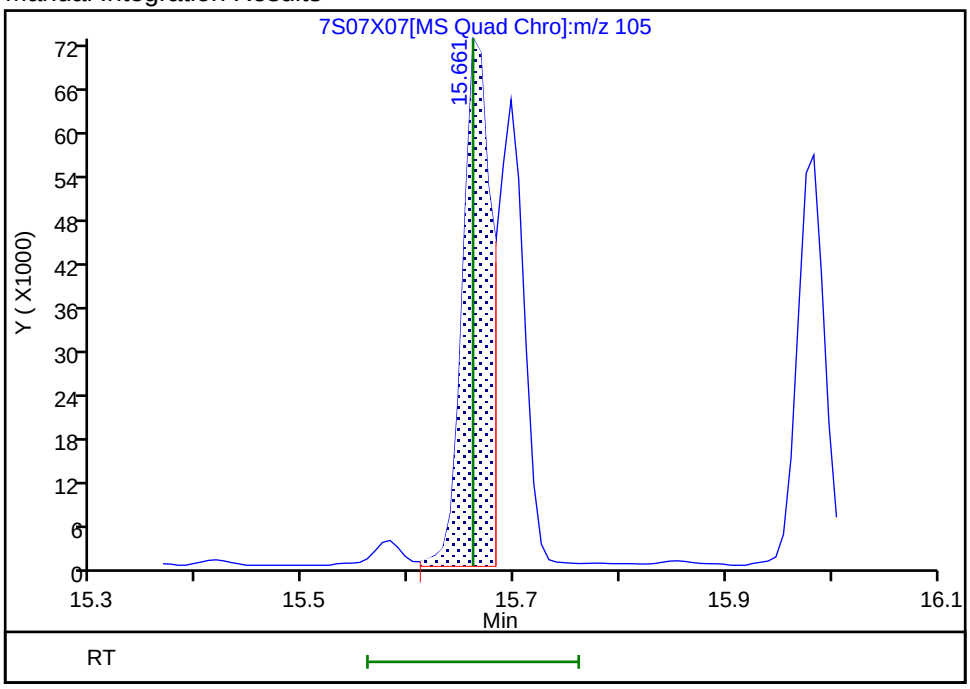
Processing Integration Results

RT: 15.66
Area: 234004
Amount: 1.017069
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 130349
Amount: 0.968439
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:31 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

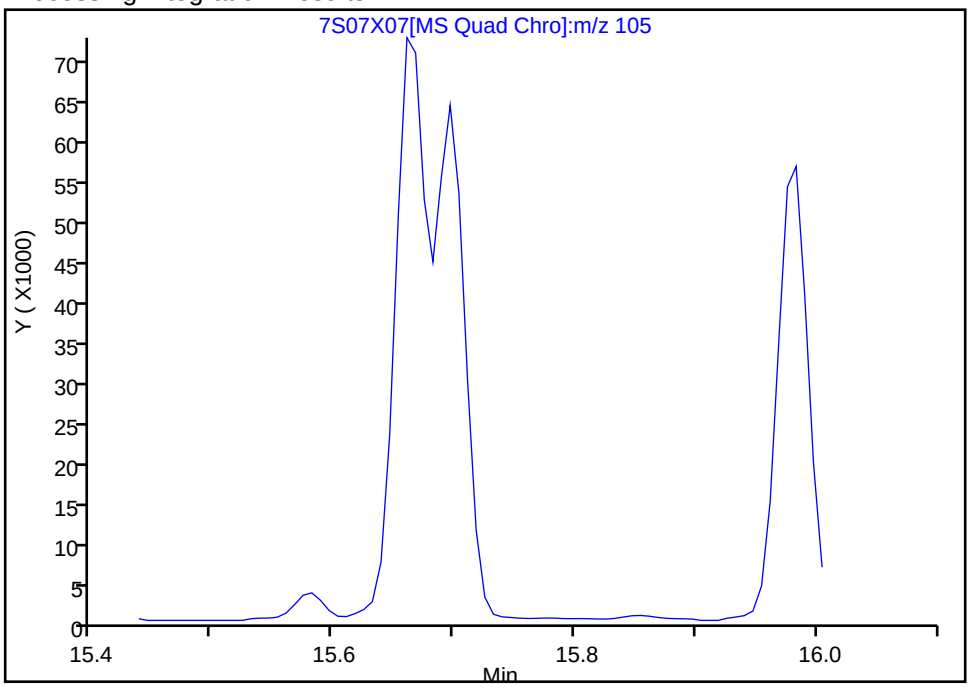
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

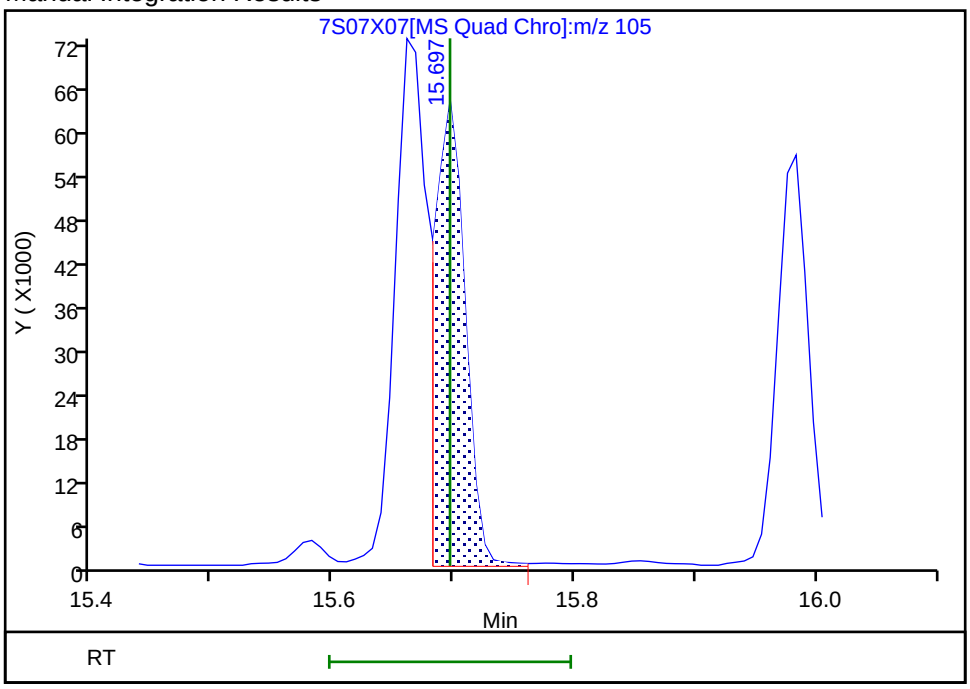
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 103654
Amount: 0.961983
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

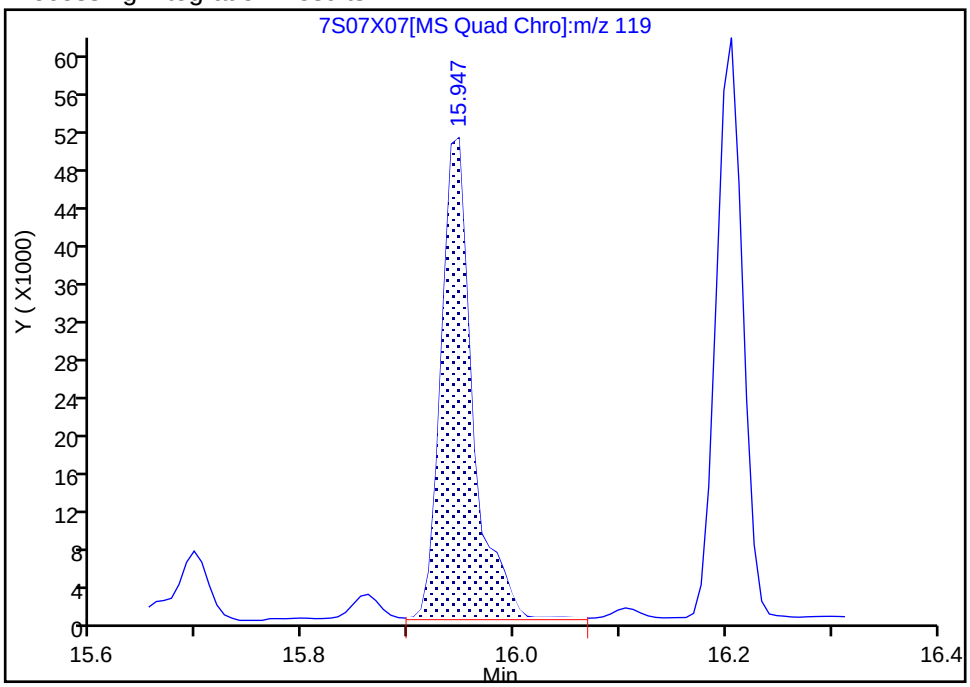
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

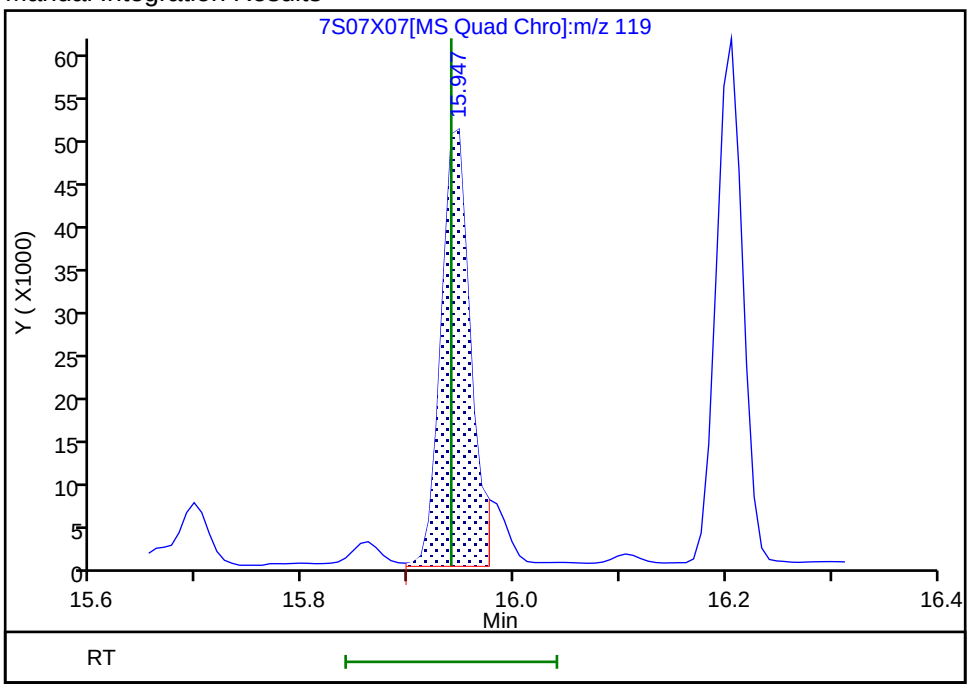
Processing Integration Results

RT: 15.95
Area: 106895
Amount: 0.951536
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 97090
Amount: 0.904455
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:23:31 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

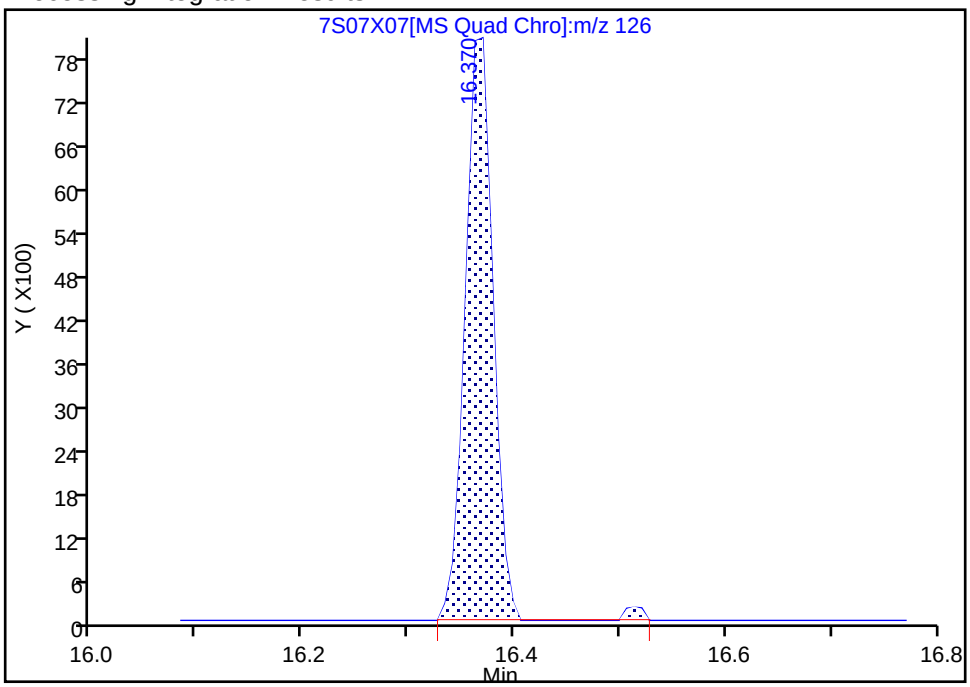
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 92 Benzyl chloride, CAS: 100-44-7

Signal: 1

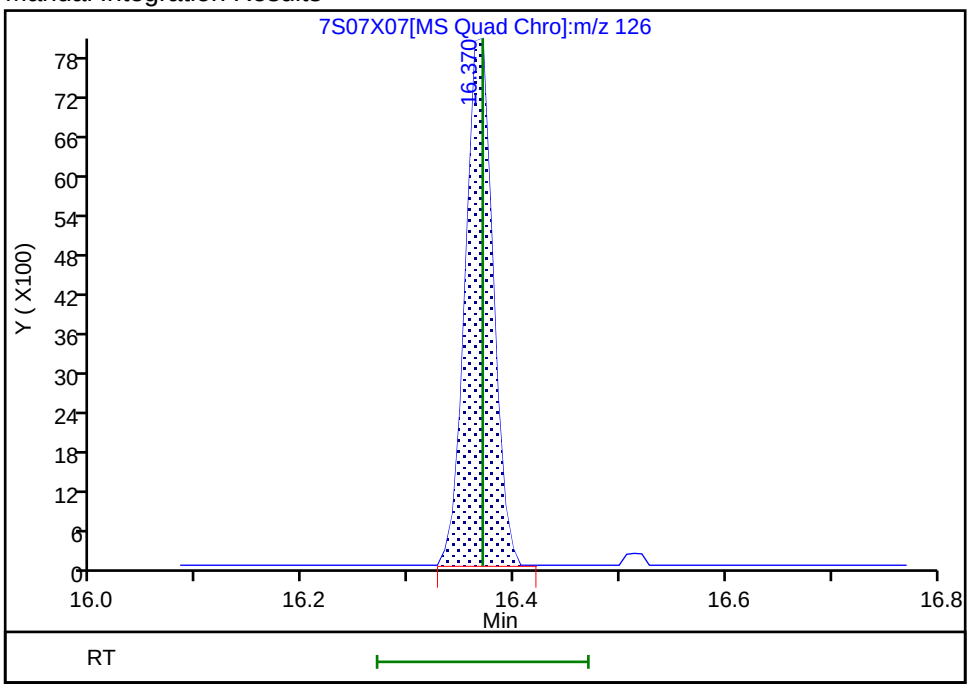
Processing Integration Results

RT: 16.37
Area: 14829
Amount: 0.830640
Amount Units: ppb v/v




Manual Integration Results

RT: 16.37
Area: 14605
Amount: 0.819378
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:59 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Lims ID: ICISAV Cal 5ppb
Client ID:
Sample Type: ICISAV Calib Level: 6
Inject. Date: 08-Sep-2025 01:12:42 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ICISAV CAL 5PPB
Misc. Info.: 410-0158855-008
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:48:20 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 10-Sep-2025 11:35:53

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.304 | 3.304 | 0.000 | 97 | 123548 | NC | NC | a |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 386227 | 5.00 | 4.85 | a |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 234311 | 5.00 | 5.20 | a |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.641 | 3.641 | 0.000 | 95 | 381017 | 5.00 | 5.38 | a |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 89 | 145631 | 5.00 | 5.11 | a |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 231676 | 5.00 | 4.33 | Ma |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 78 | 152621 | 5.00 | 5.26 | a |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 95 | 110341 | 5.00 | 4.90 | a |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 91 | 106167 | 5.00 | 4.91 | a |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 77050 | 5.00 | 4.40 | a |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 130891 | 5.00 | 4.66 | a |
| 13 Dichlorofluoromethane | 67 | 5.331 | 5.331 | 0.000 | 82 | 343662 | NC | NC | a |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 86 | 366646 | 5.00 | 5.06 | a |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 268296 | NC | NC | a |
| 14 Ethanol | 45 | 5.661 | 5.661 | 0.000 | 50 | 36786 | NC | NC | Ma |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 95 | 63594 | NC | NC | Ma |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 224161 | 5.00 | 4.57 | a |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 89 | 178594 | 5.00 | 4.94 | a |
| 23 Acetone | 43 | 6.377 | 6.377 | 0.000 | 99 | 239306 | 5.00 | 4.62 | a |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 75 | 165914 | 5.00 | 4.33 | Ma |
| 18 Iodomethane | 142 | 6.606 | 6.606 | 0.000 | 98 | 277803 | NC | NC | a |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 471063 | 5.00 | 4.54 | a |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 97 | 146667 | NC | NC | a |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 198983 | 5.00 | 4.16 | a |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 94 | 124905 | 5.00 | 4.55 | a |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 97 | 185366 | 5.70 | 5.83 | a |
| 31 Acrylonitrile | 53 | 7.531 | 7.531 | 0.000 | 97 | 129452 | NC | NC | Ma |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 375504 | 5.00 | 5.00 | a |
| 24 trans-1,2-Dichloroethene | 61 | 7.659 | 7.659 | 0.000 | 91 | 241044 | 5.00 | 4.62 | a |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 94 | 123384 | 5.00 | 4.59 | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 32010 | NC | NC | a |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 285491 | 5.00 | 4.49 | a |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 547530 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 91 | 451129 | NC | NC | a |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 74458 | 5.00 | 5.06 | a |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 66 | 270104 | 5.00 | 4.56 | a |
| 38 Ethyl acetate | 70 | 9.243 | 9.243 | 0.000 | 88 | 37698 | NC | NC | a |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 88 | 291482 | NC | NC | a |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 90 | 348421 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.636 | 9.636 | 0.000 | 90 | 192551 | 5.00 | 4.52 | a |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 69 | 320439 | 5.00 | 4.49 | a |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 58 | 300739 | 5.00 | 4.78 | a |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 236955 | 5.00 | 4.77 | a |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 289506 | 5.00 | 4.97 | a |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 547087 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 96 | 471430 | 5.00 | 4.45 | a |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 91 | 223073 | 5.00 | 4.57 | a |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 74 | 409748 | NC | NC | a |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 93 | 792533 | 5.00 | 4.89 | a |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 95 | 155949 | 5.00 | 4.87 | a |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 1309596 | 10.0 | 10.0 | a |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 181252 | 5.00 | 4.30 | a |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 99 | 349977 | NC | NC | a |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 76 | 199566 | 5.00 | 4.53 | a |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 163208 | 5.00 | 4.88 | a |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 84 | 73081 | 5.00 | 5.11 | Ma |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 82 | 161646 | NC | NC | a |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 352583 | 5.00 | 4.57 | a |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 90 | 287802 | 5.00 | 4.64 | a |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 394889 | 5.00 | 4.84 | Ma |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1399381 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 566915 | 5.00 | 4.62 | a |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 419781 | NC | NC | a |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 229179 | 5.00 | 4.66 | Ma |
| 63 Ethyl methacrylate | 69 | 13.368 | 13.368 | 0.000 | 74 | 277815 | NC | NC | a |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 85 | 200482 | 5.00 | 4.87 | a |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 84 | 231168 | 5.00 | 4.38 | a |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 99 | 385122 | 5.00 | 5.16 | a |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 251797 | 5.00 | 4.76 | a |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 296544 | 5.00 | 4.80 | a |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1190995 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 416208 | 5.00 | 4.48 | a |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 694330 | 5.00 | 4.69 | a |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 52 | 214202 | NC | NC | a |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 1055613 | 10.0 | 9.61 | a |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 528301 | 5.00 | 4.84 | a |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 91 | 400416 | 5.00 | 5.05 | a |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 278524 | 5.00 | 4.86 | a |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 95 | 684463 | 5.00 | 5.00 | a |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 61 | 449534 | 5.00 | 4.79 | Ma |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 104933 | NC | NC | a |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 84 | 217842 | NC | NC | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 87 | 186166 | 5.00 | 5.01 | a |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 88 | 715751 | 5.00 | 5.24 | Ma |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 91 | 171546 | 5.00 | 4.84 | a |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 67 | 560860 | 5.00 | 5.13 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 293022 | NC | NC | a |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 76 | 538106 | 5.00 | 4.94 | Ma |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 580420 | 5.00 | 5.02 | a |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 822037 | 5.00 | 4.96 | a |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 93 | 640613 | 5.00 | 4.87 | a |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 375073 | 5.00 | 4.89 | a |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 374633 | 5.00 | 4.86 | a |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 83 | 84084 | 5.00 | 4.65 | a |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 349929 | 5.00 | 4.93 | a |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 94 | 345777 | 5.00 | 4.87 | a |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 92 | 190430 | NC | NC | a |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 76 | 165741 | NC | NC | a |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 91 | 239097 | 5.00 | 4.99 | a |
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 90 | 196075 | 5.00 | 4.55 | a |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 98 | 579652 | 5.00 | 5.10 | a |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 511148 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.30 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1583914 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:57 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D

Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004

Lims ID: ICISAV Cal 5ppb

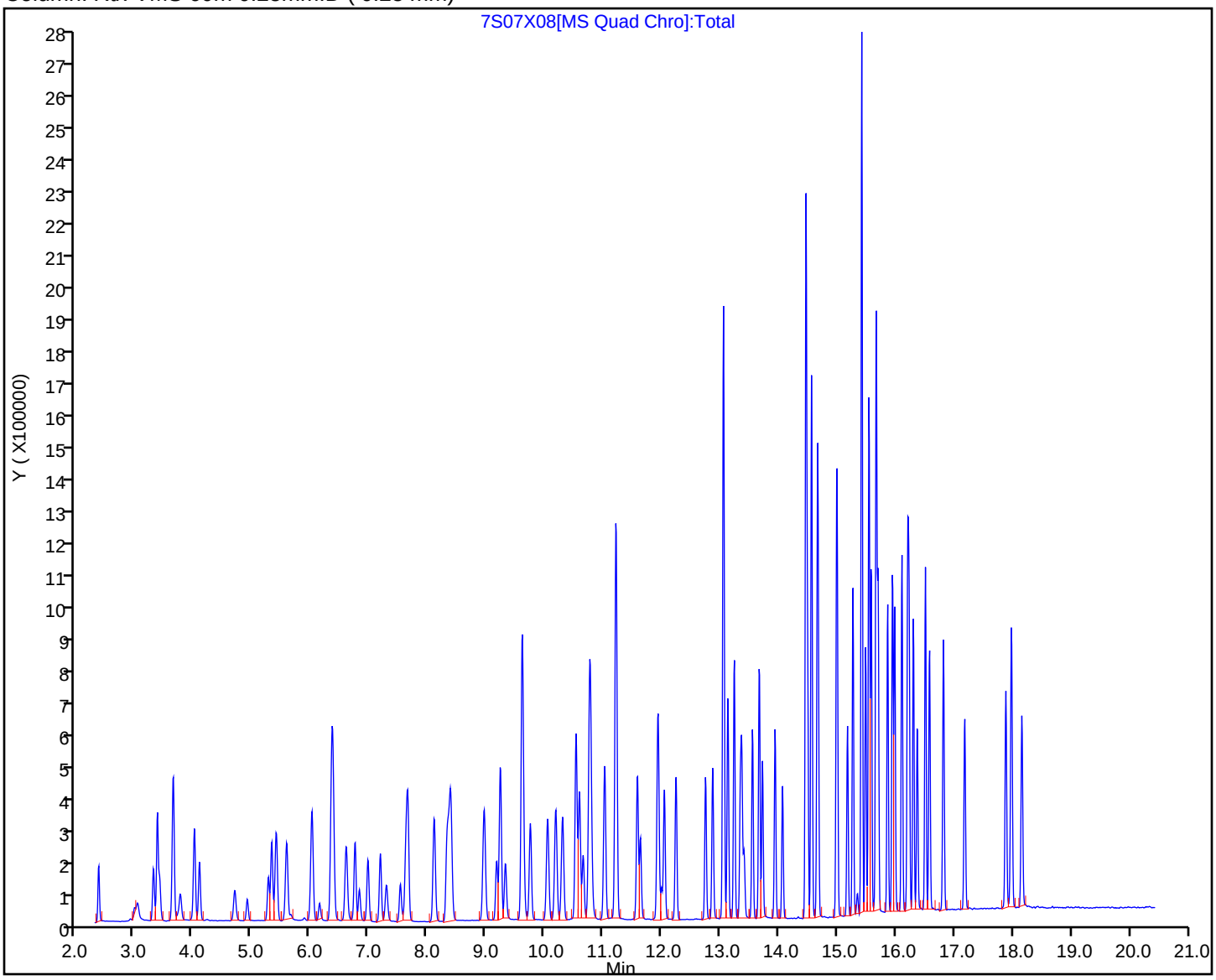
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

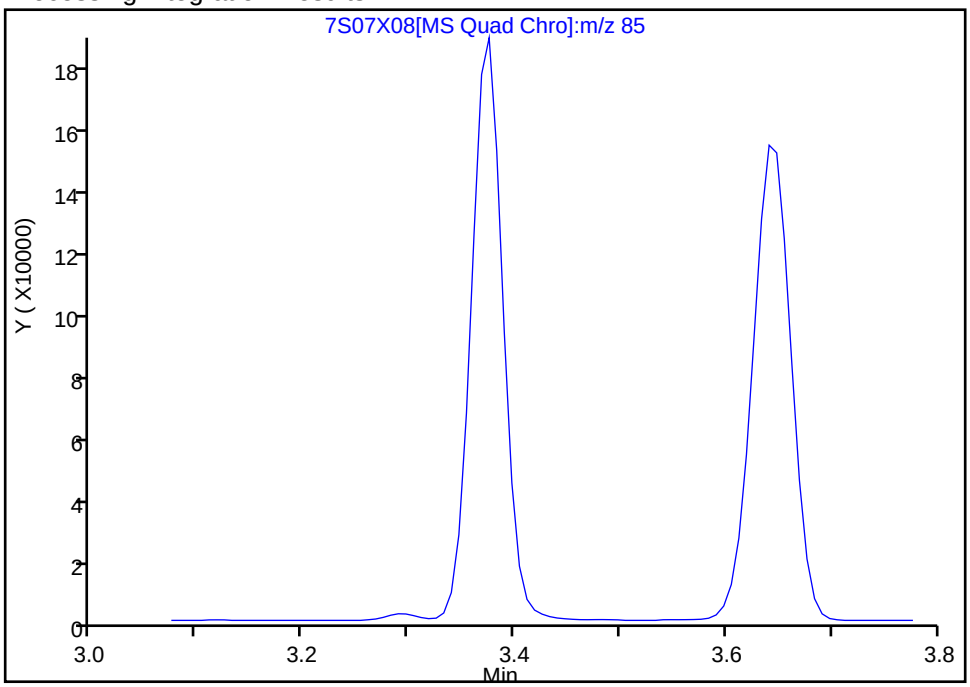
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

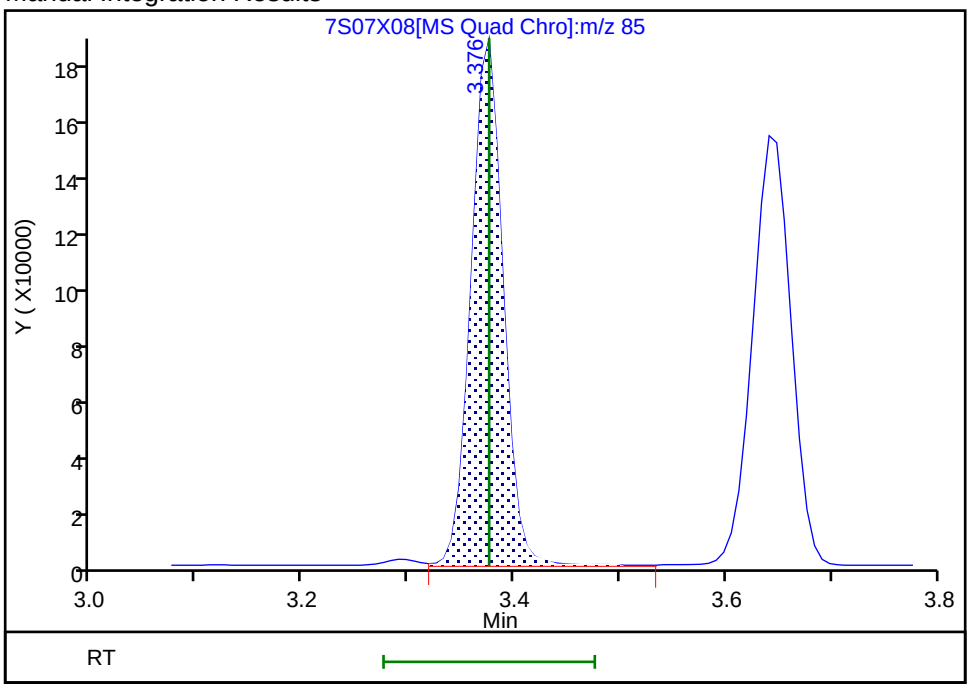
Not Detected
Expected RT: 3.38

Processing Integration Results




Manual Integration Results

RT: 3.38
Area: 386227
Amount: 4.852194
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:55:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

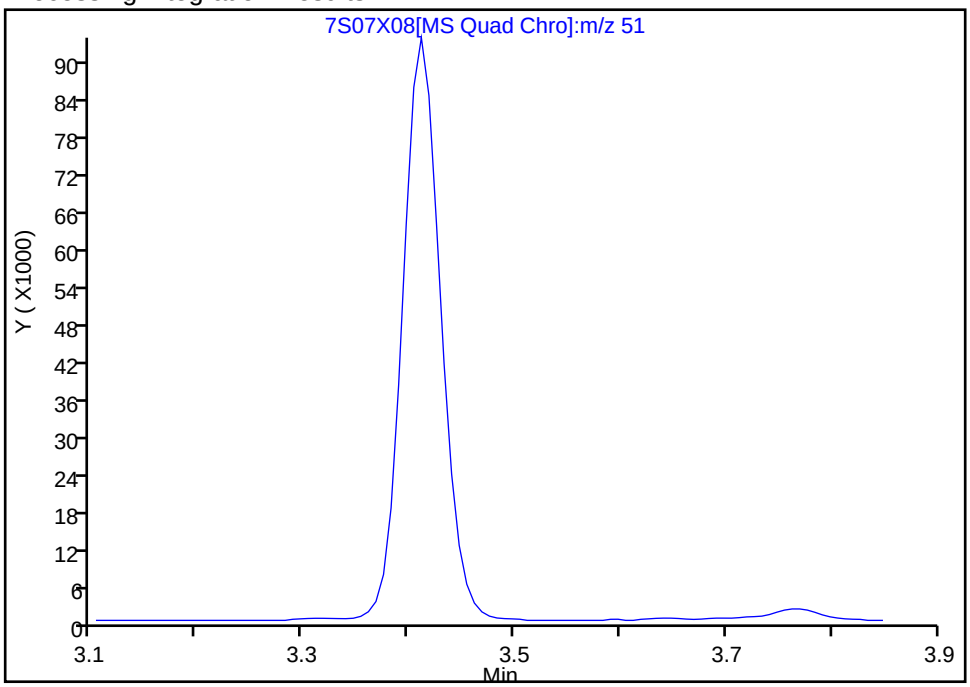
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

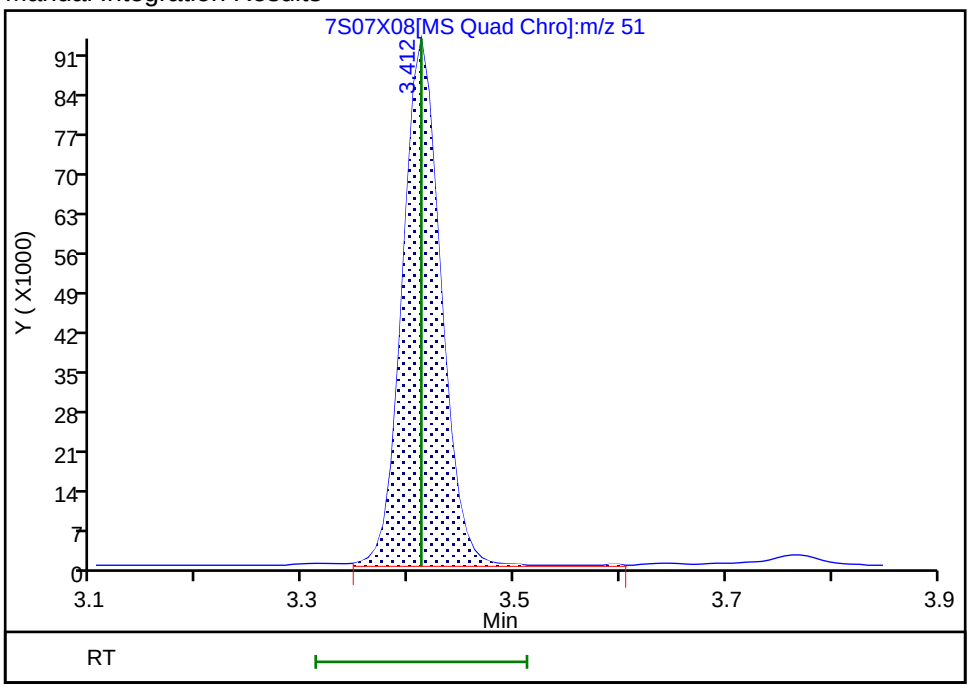
Not Detected
Expected RT: 3.41

Processing Integration Results




Manual Integration Results

RT: 3.41
Area: 234311
Amount: 5.200195
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

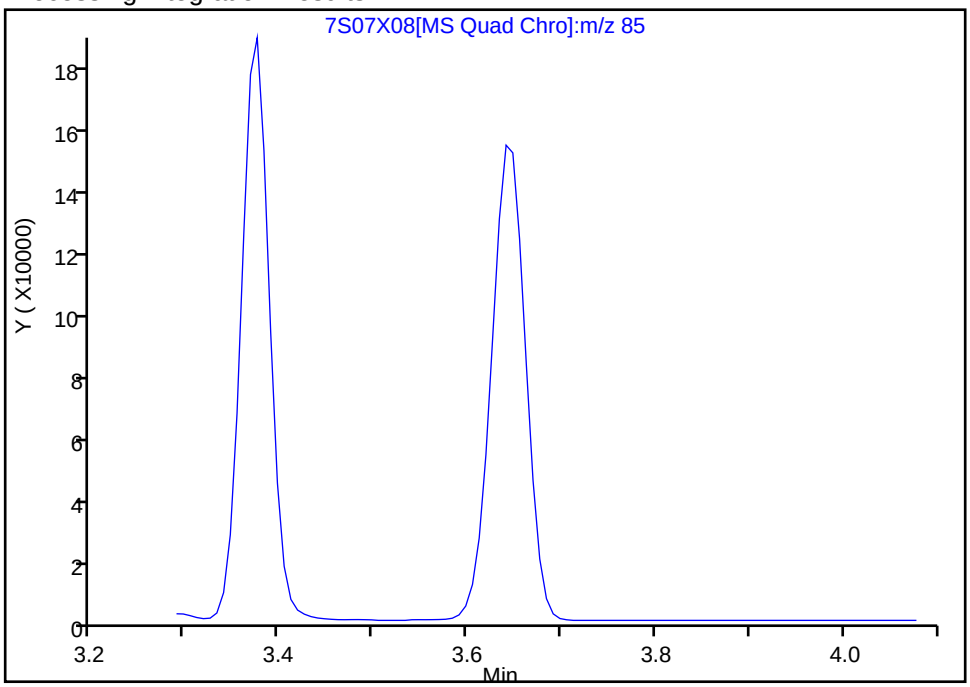
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 4 1,2-Dichloro-1,1,2,2-tetrafluoro, CAS: 76-14-2

Signal: 1

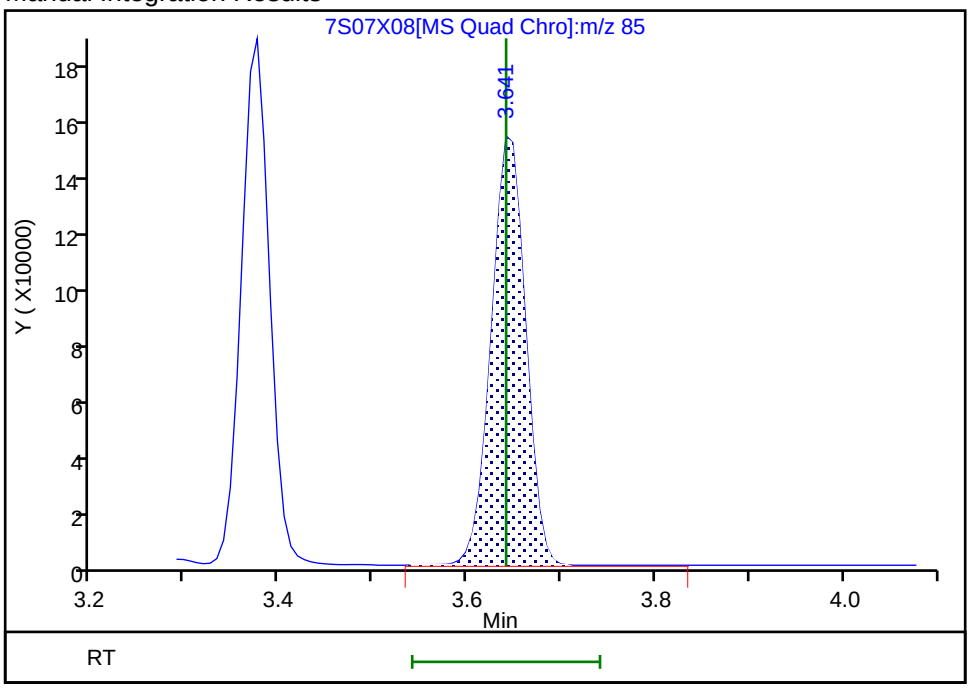
Not Detected
Expected RT: 3.64

Processing Integration Results




Manual Integration Results

RT: 3.64
Area: 381017
Amount: 5.380748
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

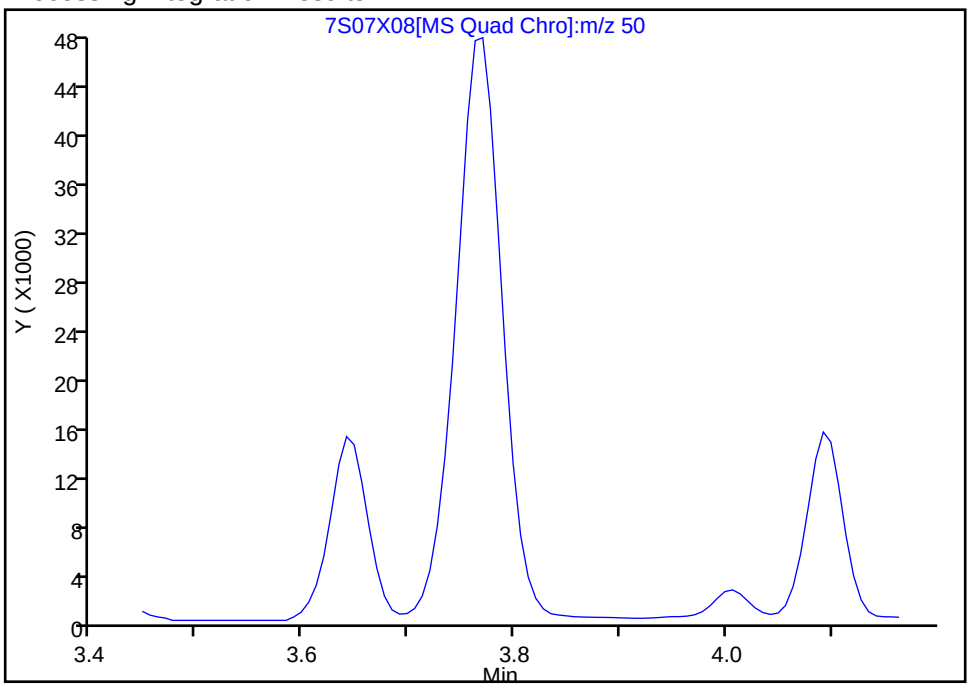
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

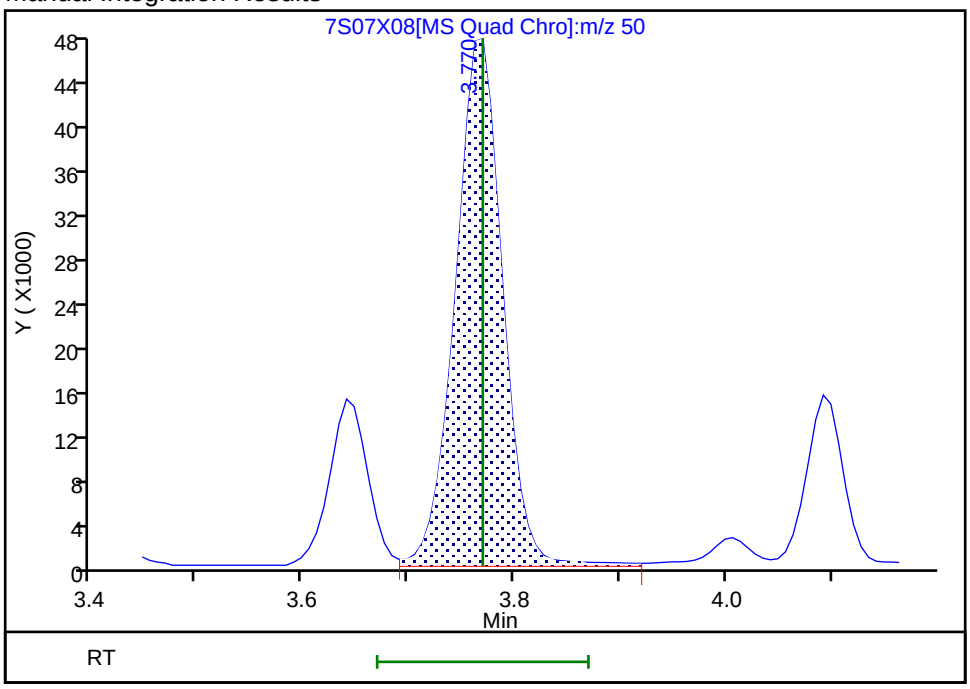
Not Detected
Expected RT: 3.77

Processing Integration Results




Manual Integration Results

RT: 3.77
Area: 145631
Amount: 5.109103
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

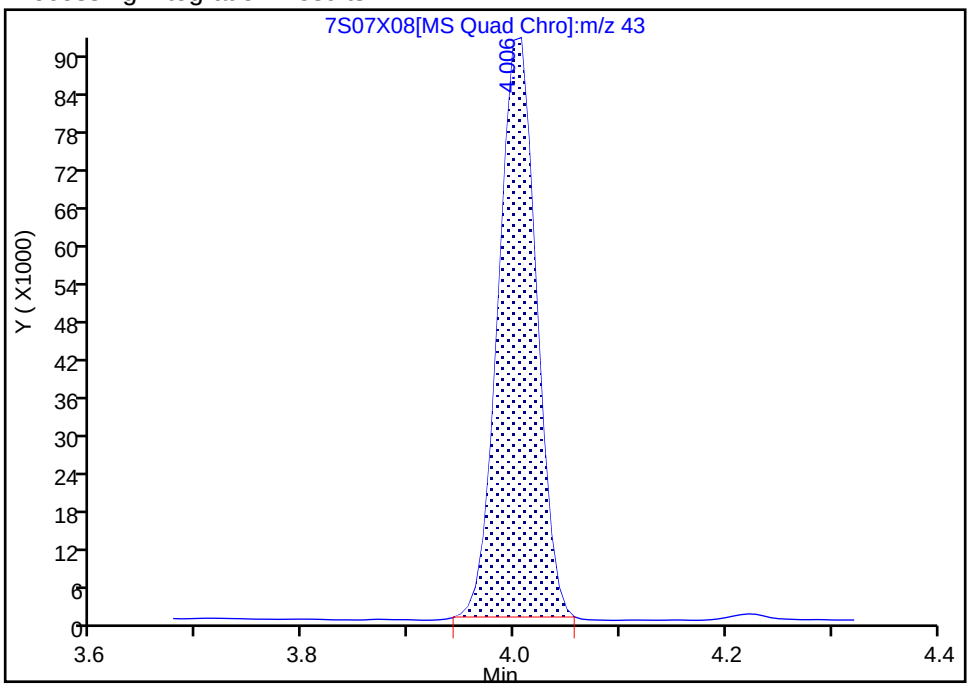
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

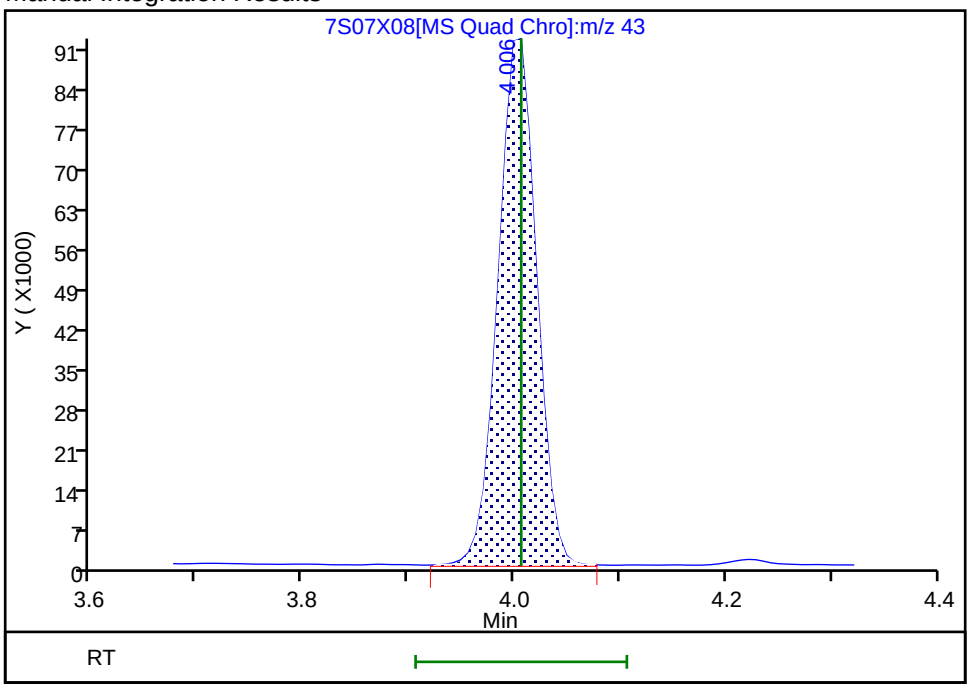
Processing Integration Results

RT: 4.01
Area: 227902
Amount: 5.000000
Amount Units: ppb v/v




Manual Integration Results

RT: 4.01
Area: 231676
Amount: 4.330645
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:05:18 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

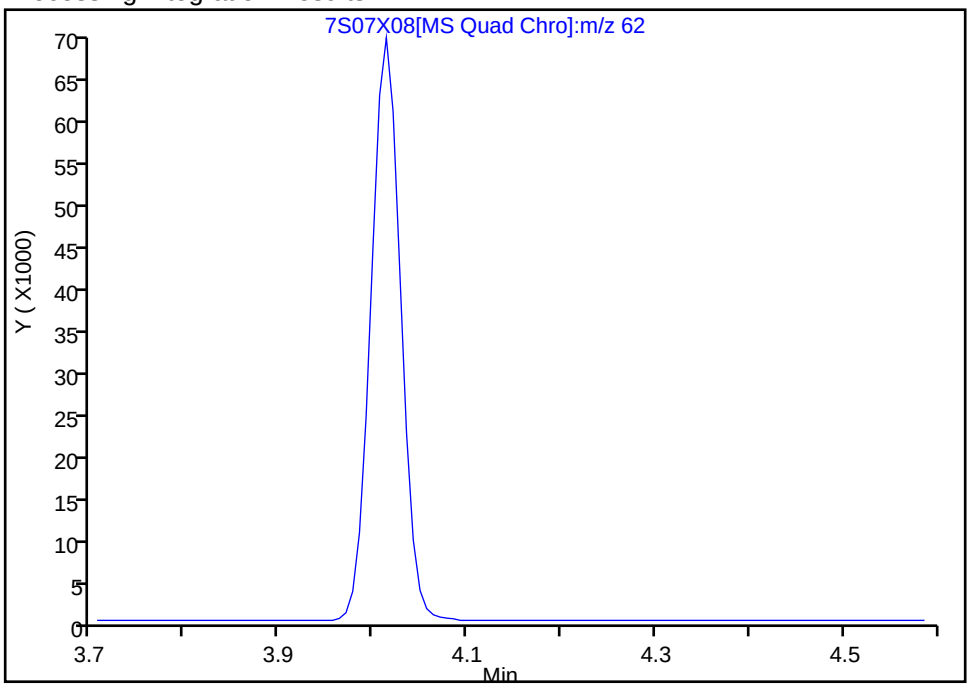
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 6 Vinyl chloride, CAS: 75-01-4

Signal: 1

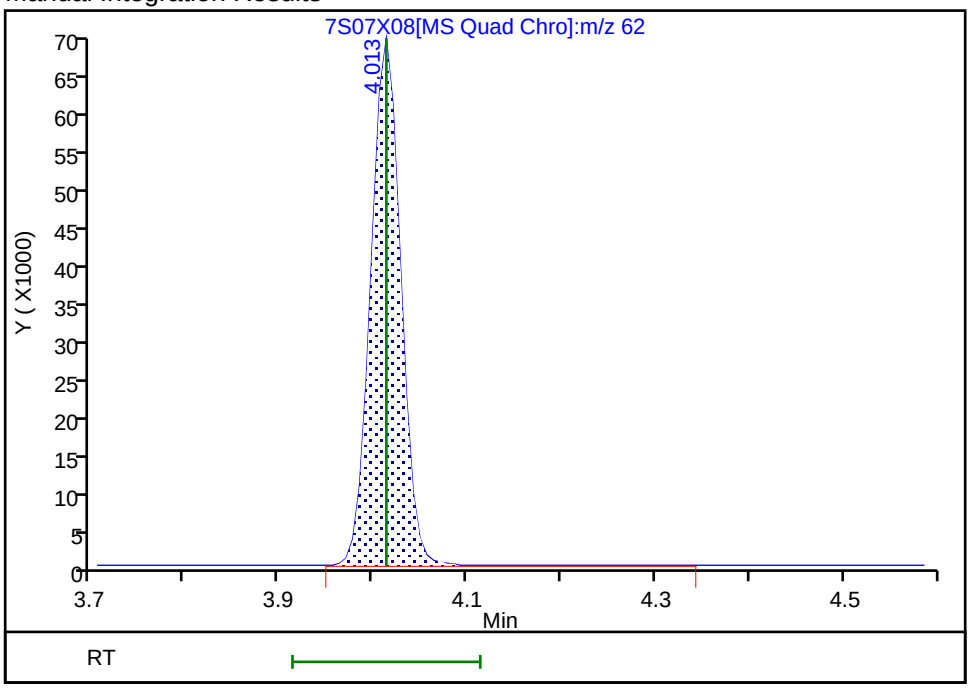
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 152621
Amount: 5.259493
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

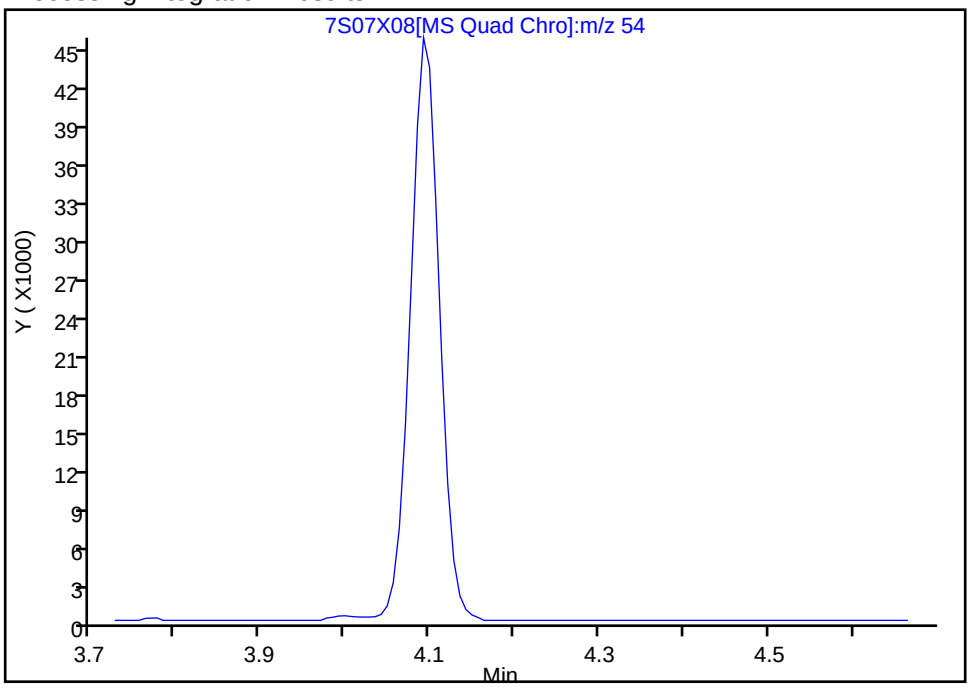
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

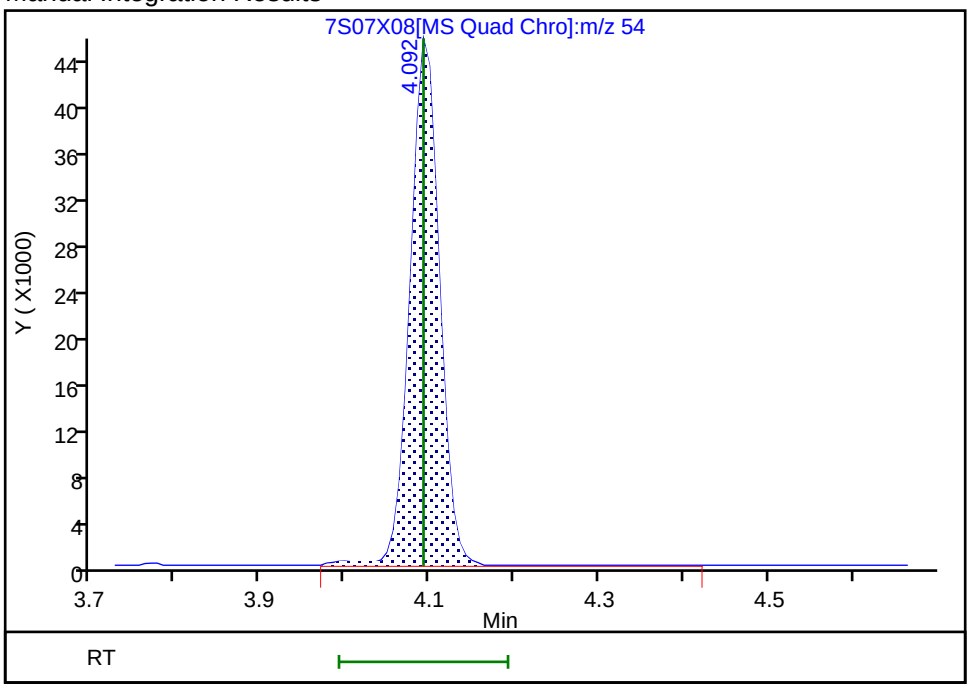
Not Detected
Expected RT: 4.09

Processing Integration Results




Manual Integration Results

RT: 4.09
Area: 110341
Amount: 4.904713
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

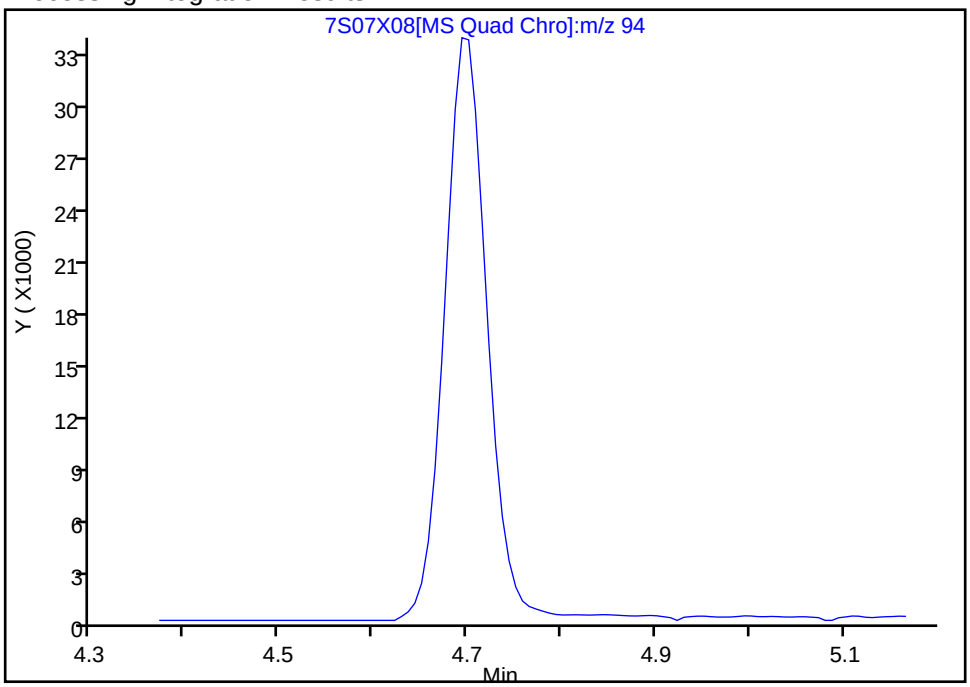
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 8 Bromomethane, CAS: 74-83-9

Signal: 1

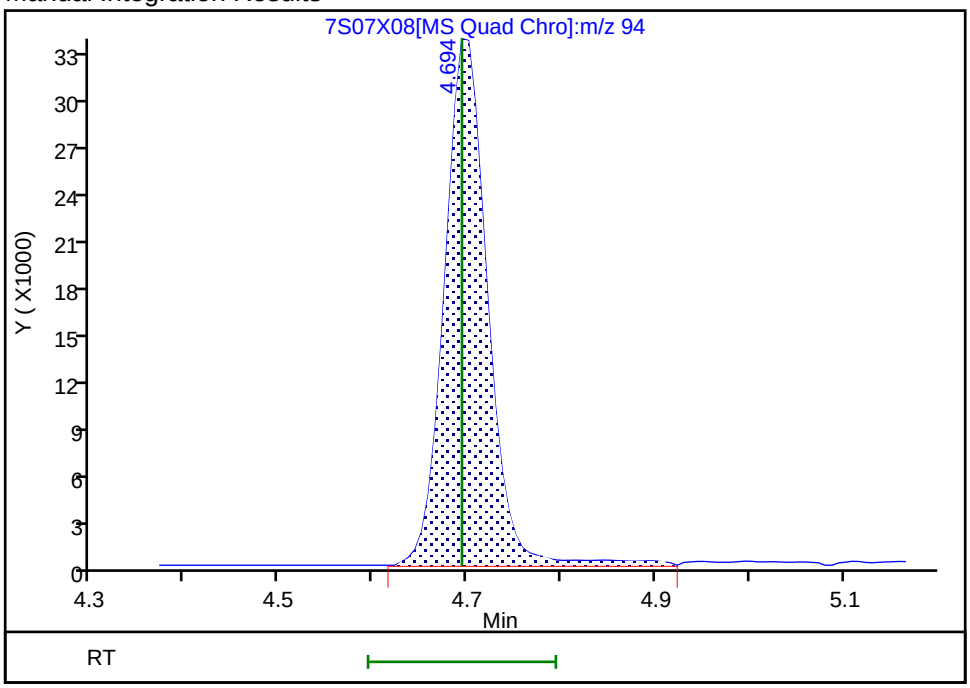
Not Detected
Expected RT: 4.69

Processing Integration Results




Manual Integration Results

RT: 4.69
Area: 106167
Amount: 4.911546
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

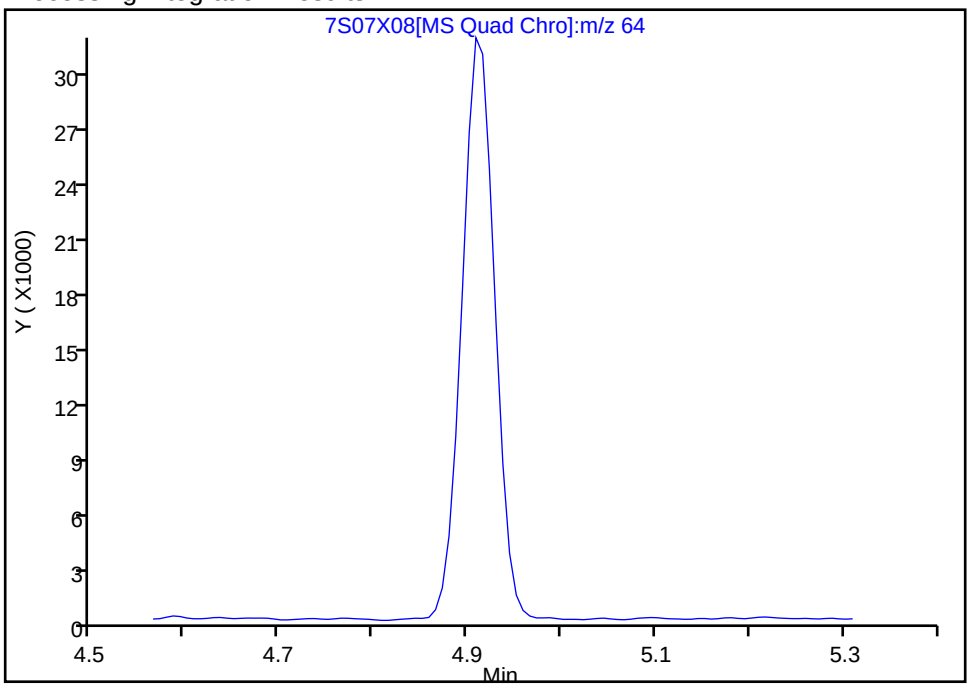
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

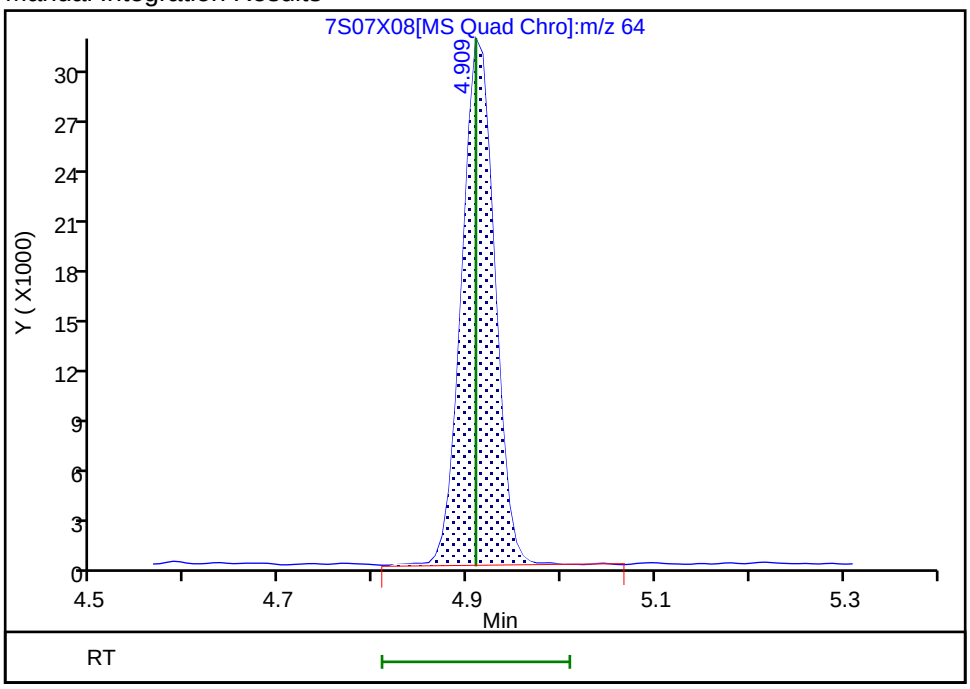
Not Detected
Expected RT: 4.91

Processing Integration Results




Manual Integration Results

RT: 4.91
Area: 77050
Amount: 4.396302
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

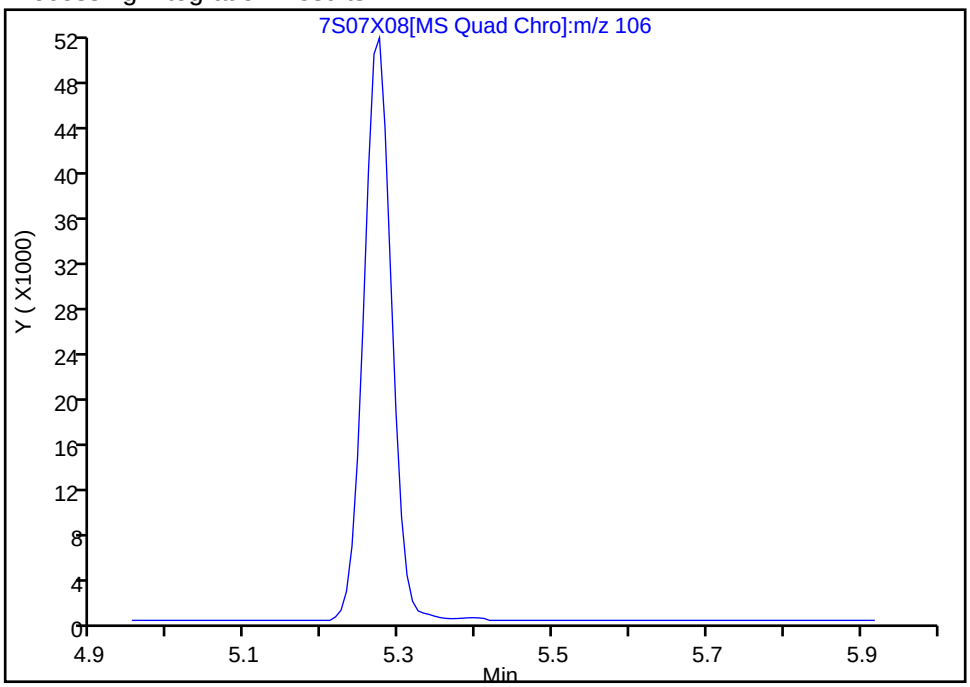
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 10 Vinyl bromide, CAS: 593-60-2

Signal: 1

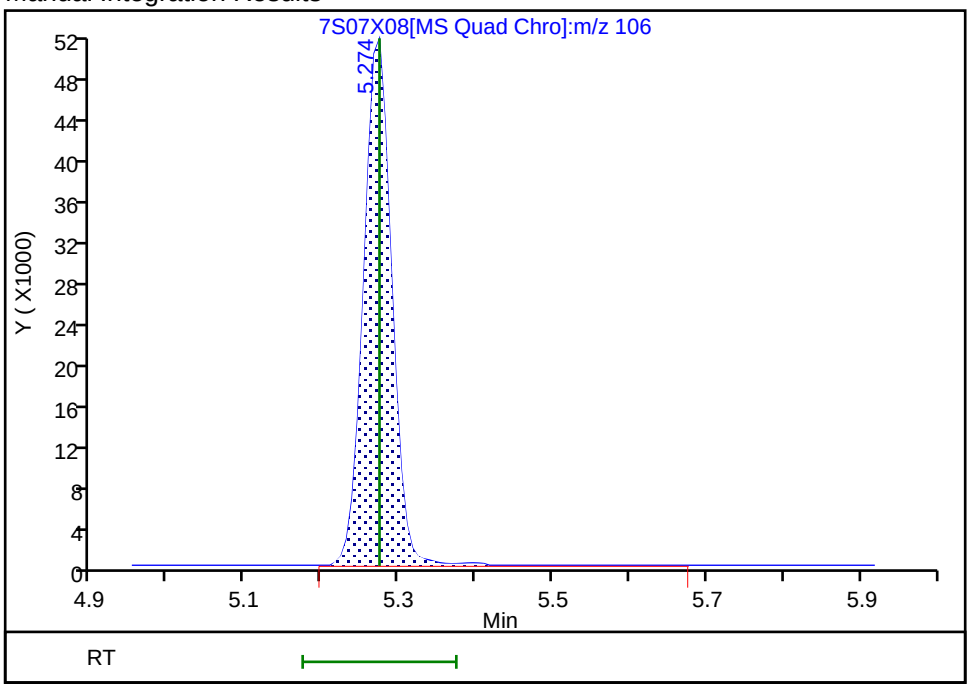
Not Detected
Expected RT: 5.27

Processing Integration Results




Manual Integration Results

RT: 5.27
Area: 130891
Amount: 4.655729
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:44:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

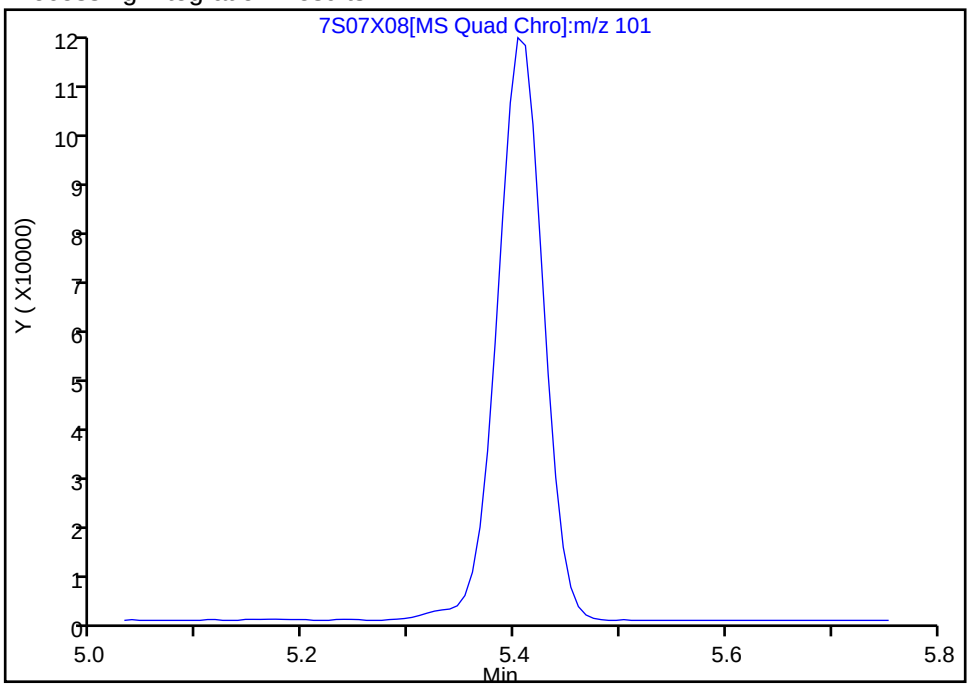
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

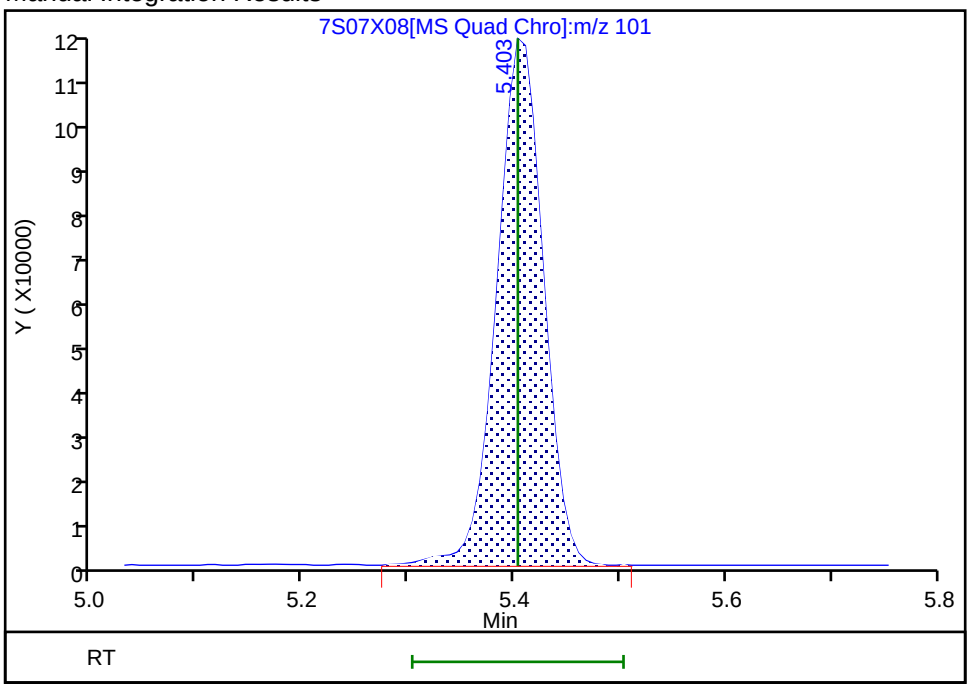
Not Detected
Expected RT: 5.40

Processing Integration Results




Manual Integration Results

RT: 5.40
Area: 366646
Amount: 5.056014
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:45:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

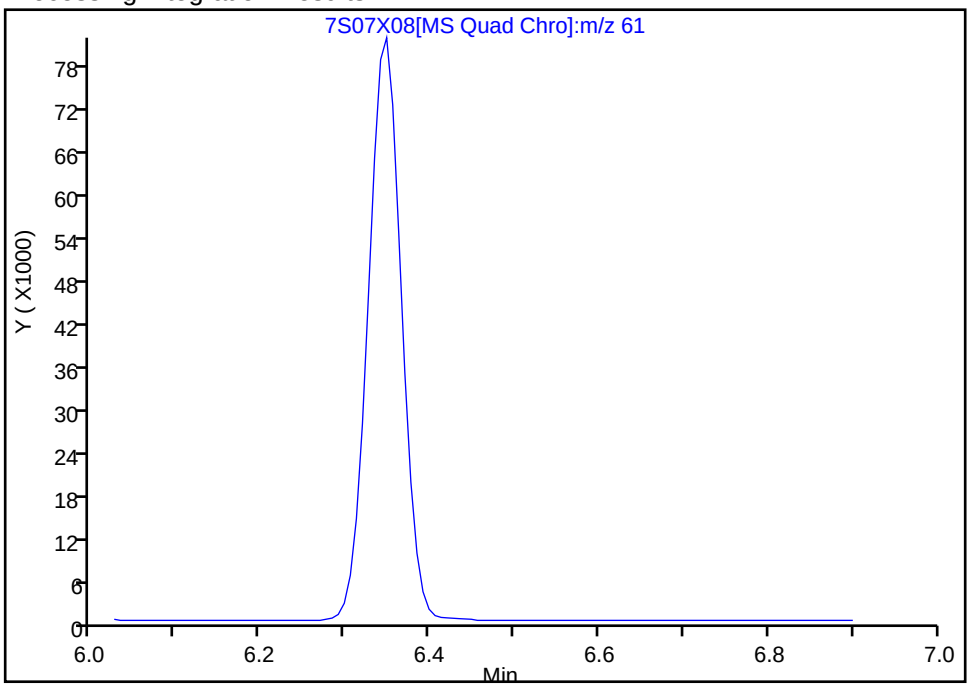
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 15 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

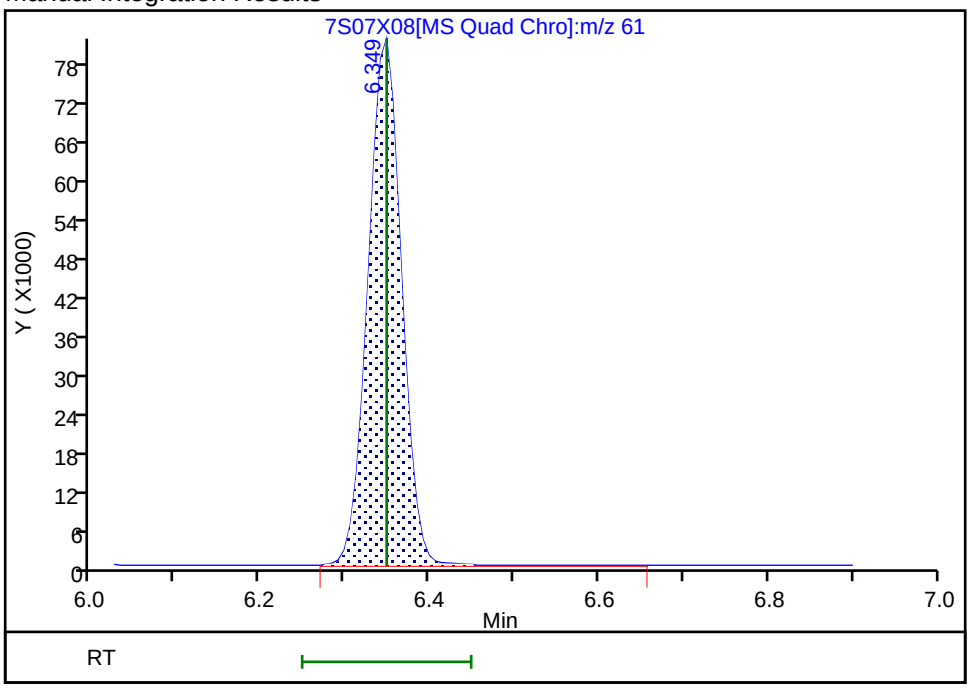
Not Detected
Expected RT: 6.35

Processing Integration Results




Manual Integration Results

RT: 6.35
Area: 224161
Amount: 4.569272
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:48:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

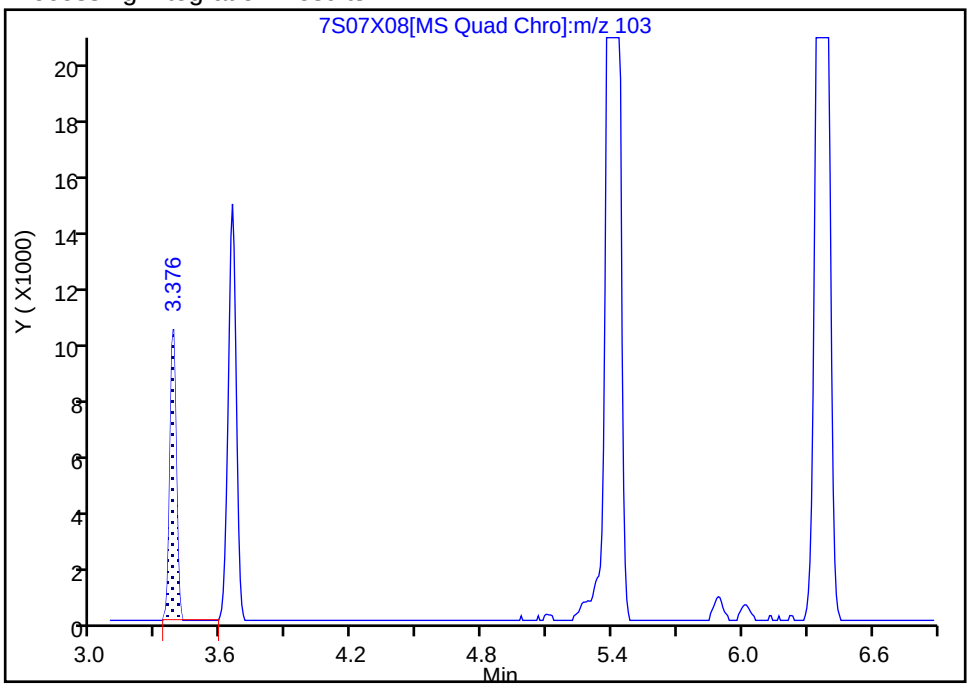
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

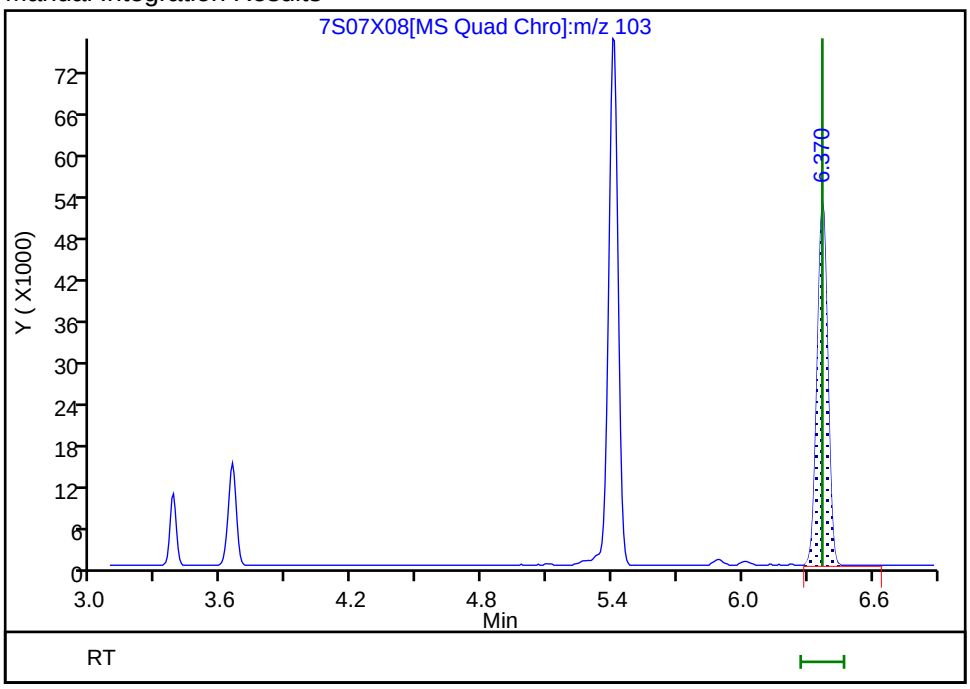
Processing Integration Results

RT: 3.38
Area: 21022
Amount: 4.882157
Amount Units: ppb v/v




Manual Integration Results

RT: 6.37
Area: 178594
Amount: 4.939078
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:56:29 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

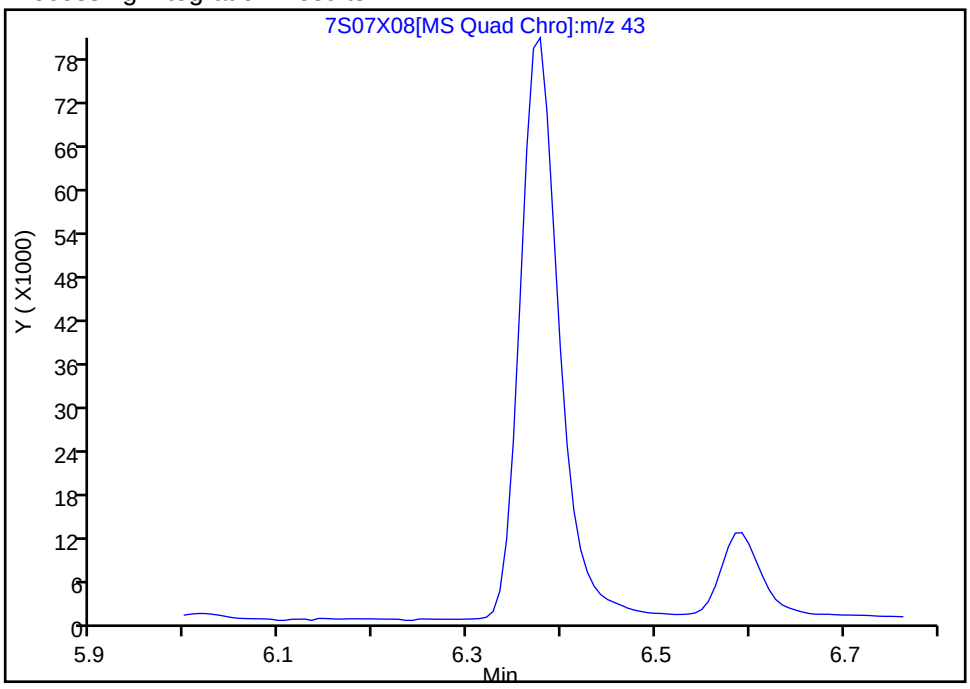
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

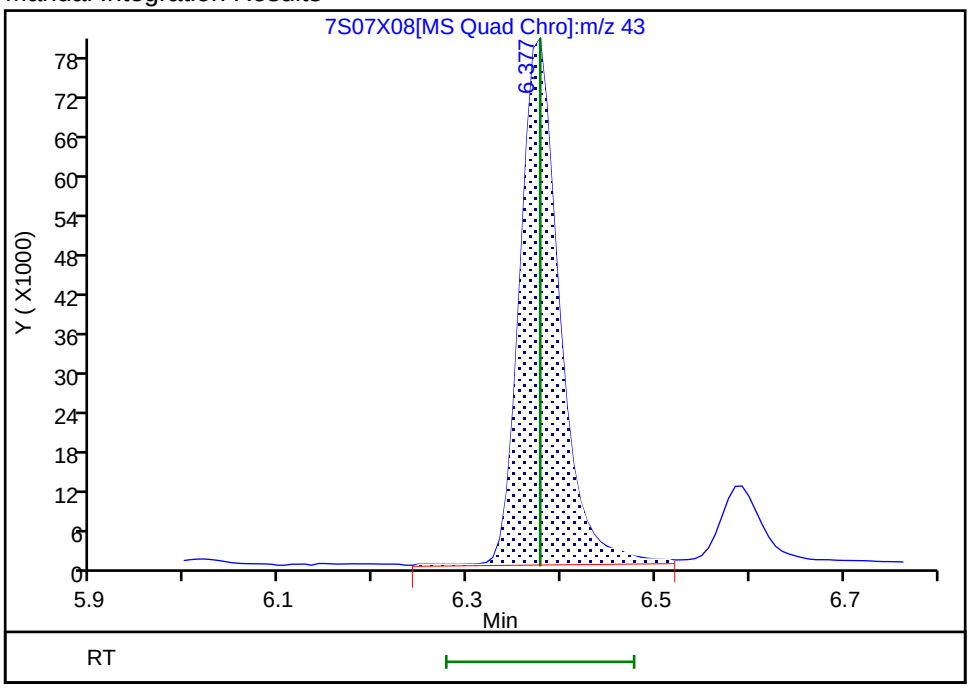
Not Detected
Expected RT: 6.38

Processing Integration Results




Manual Integration Results

RT: 6.38
Area: 239306
Amount: 4.622188
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:48:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

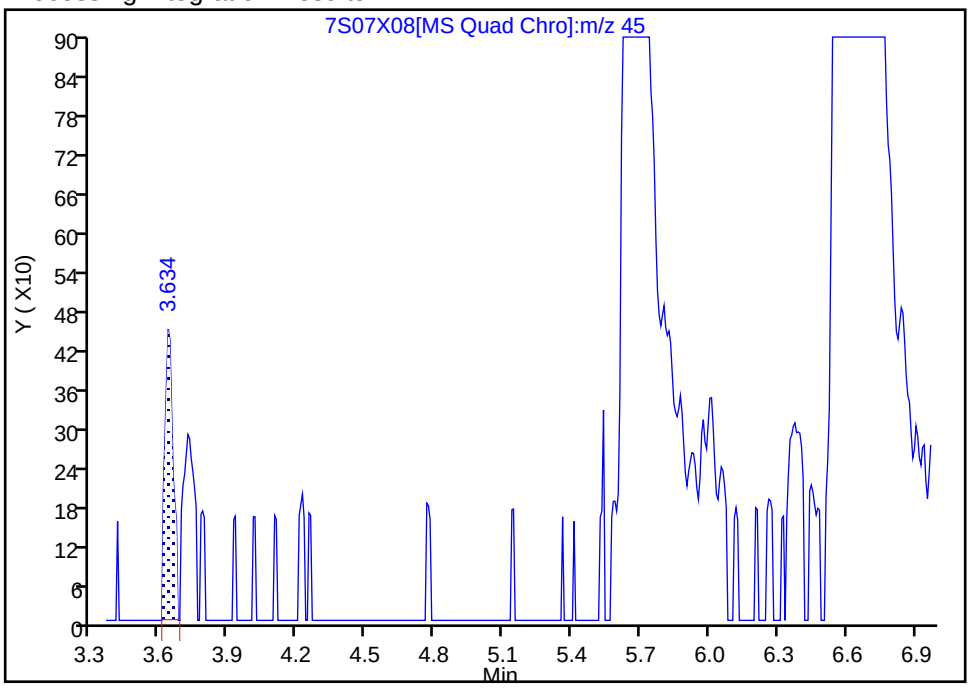
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

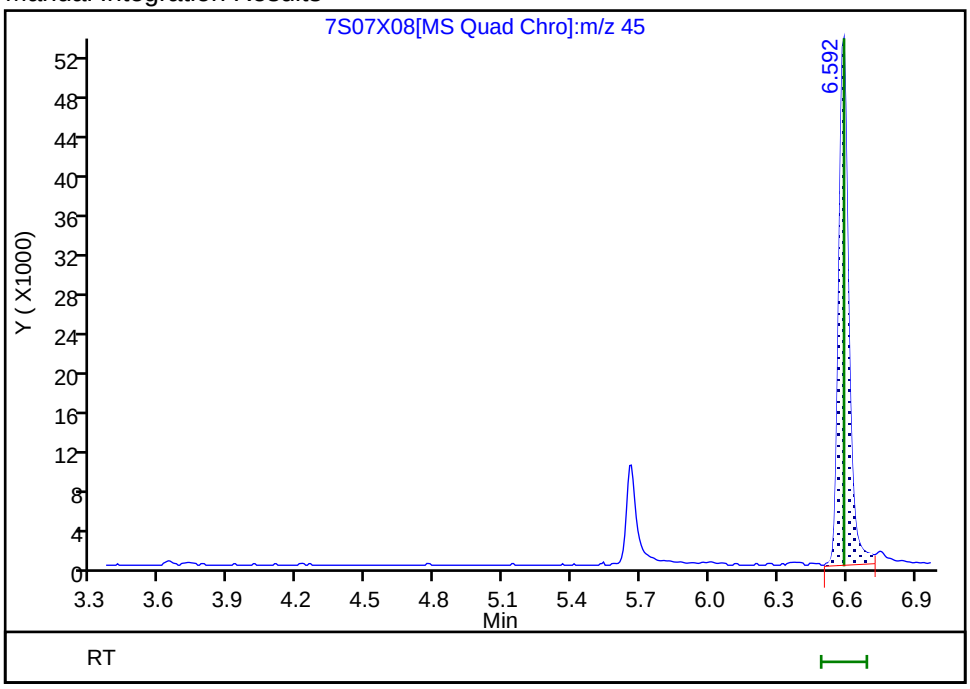
Processing Integration Results

RT: 3.63
Area: 1135
Amount: 0.220031
Amount Units: ppb v/v




Manual Integration Results

RT: 6.59
Area: 165914
Amount: 4.329775
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:28 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

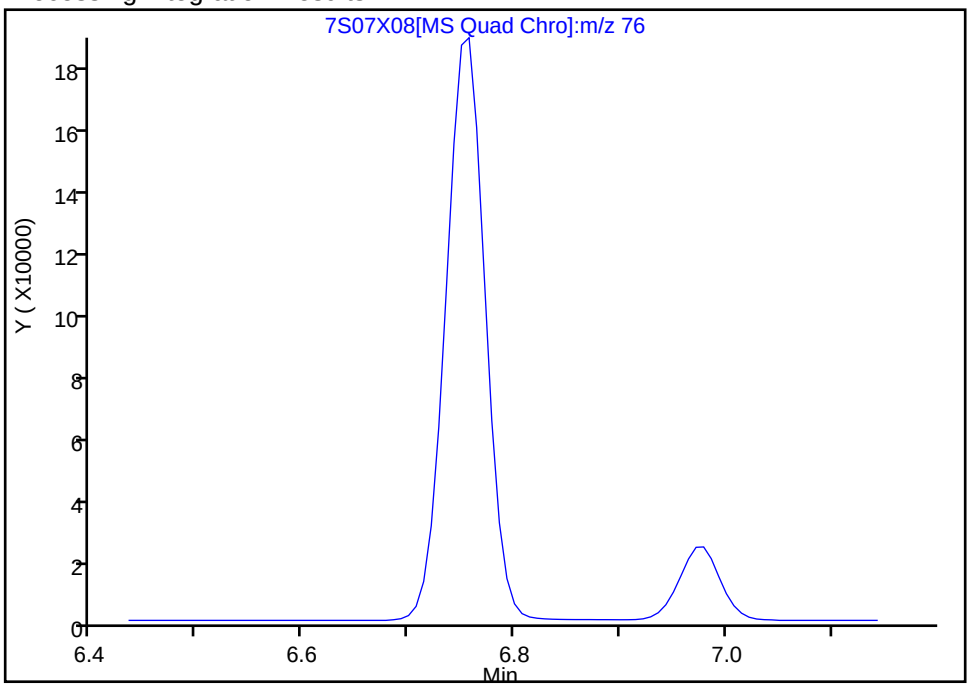
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 17 Carbon disulfide, CAS: 75-15-0

Signal: 1

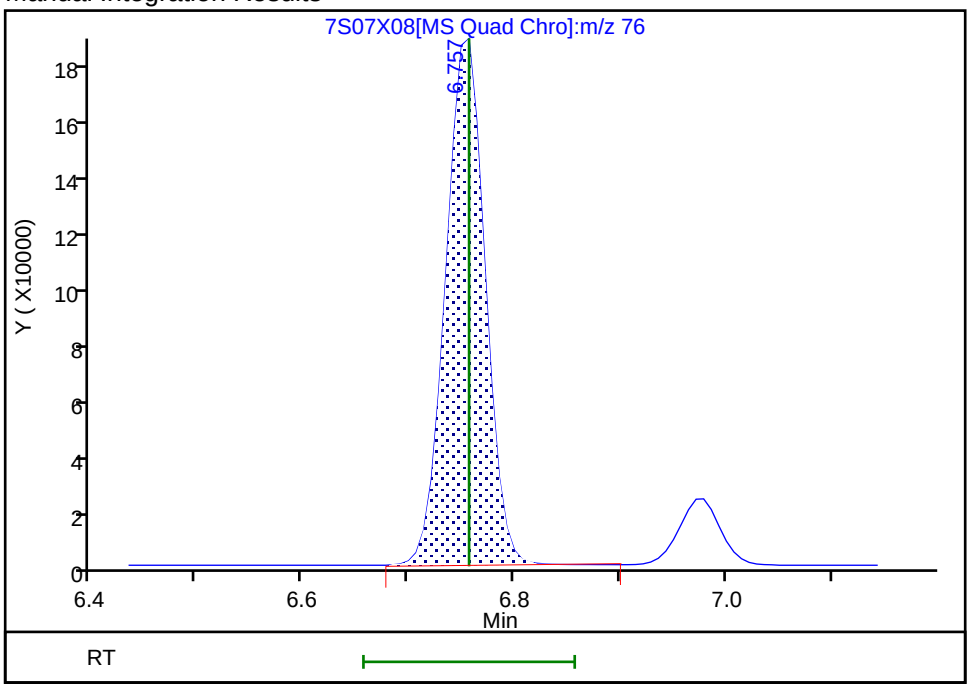
Not Detected
Expected RT: 6.76

Processing Integration Results




Manual Integration Results

RT: 6.76
Area: 471063
Amount: 4.539169
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:00:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

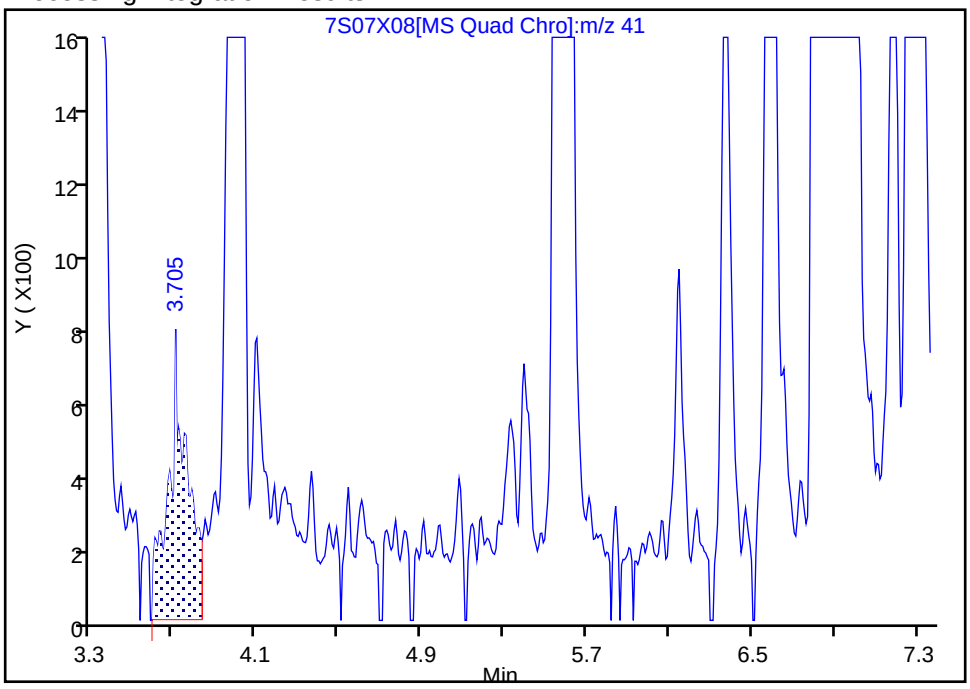
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

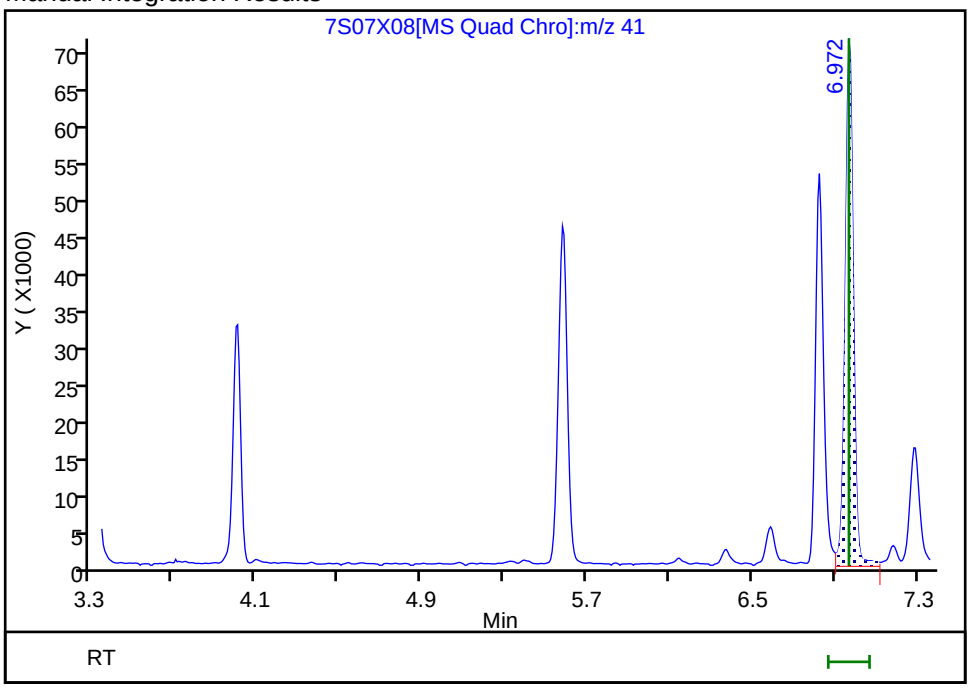
Processing Integration Results

RT: 3.71
Area: 4893
Amount: 0.139892
Amount Units: ppb v/v




Manual Integration Results

RT: 6.97
Area: 198983
Amount: 4.164831
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:49:30 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

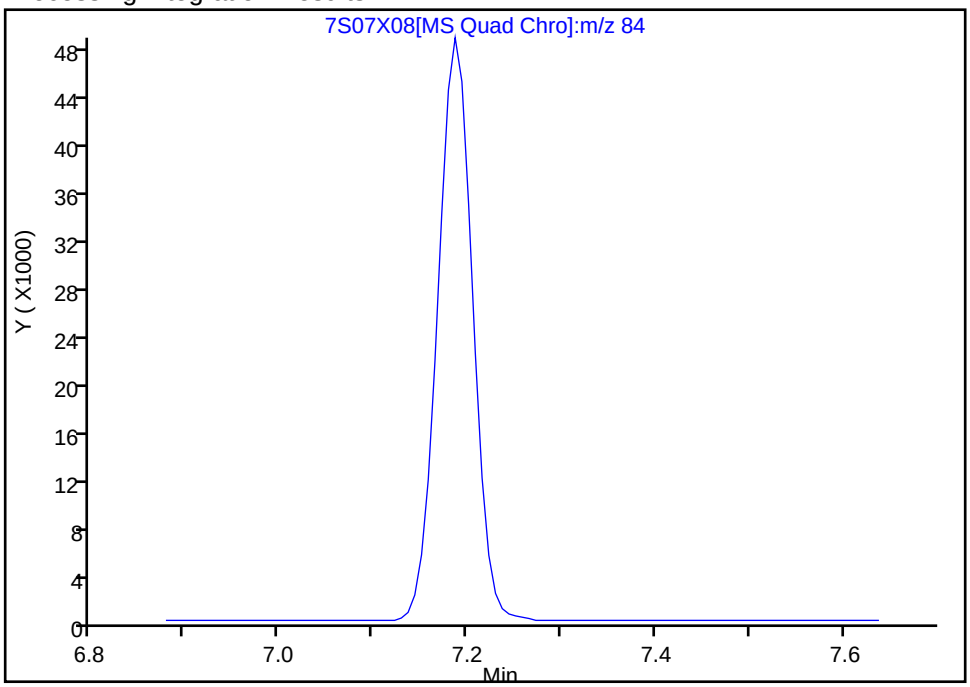
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2

Signal: 1

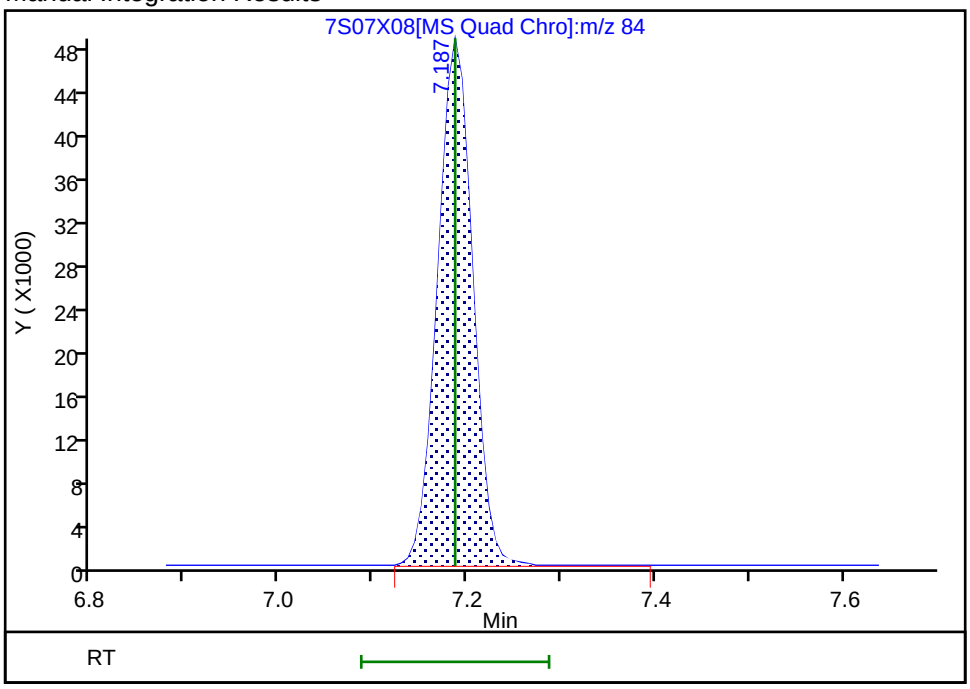
Not Detected
Expected RT: 7.19

Processing Integration Results




Manual Integration Results

RT: 7.19
Area: 124905
Amount: 4.548725
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

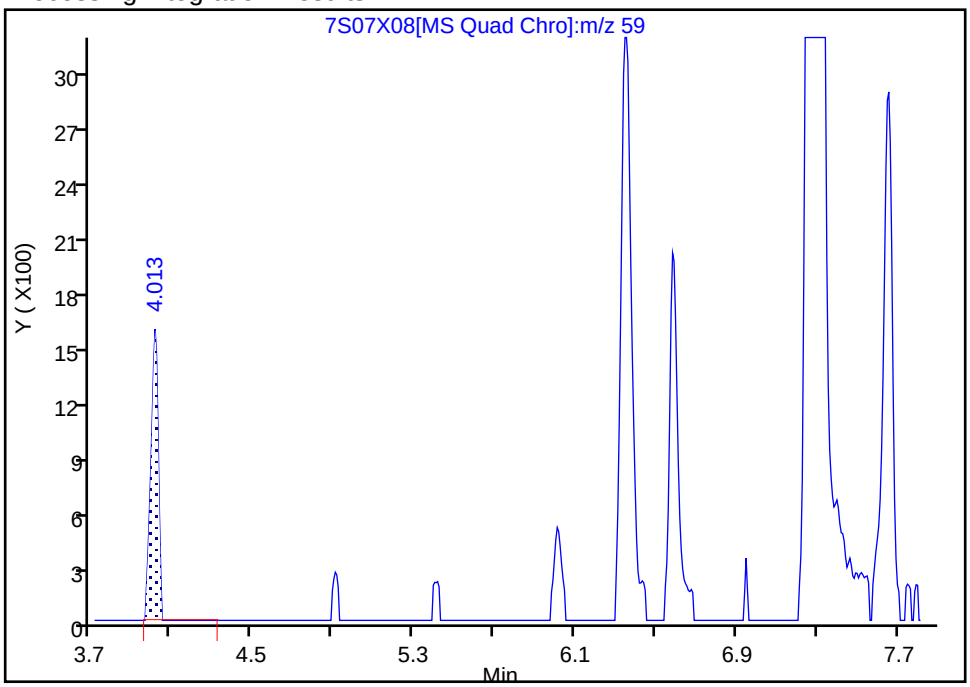
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

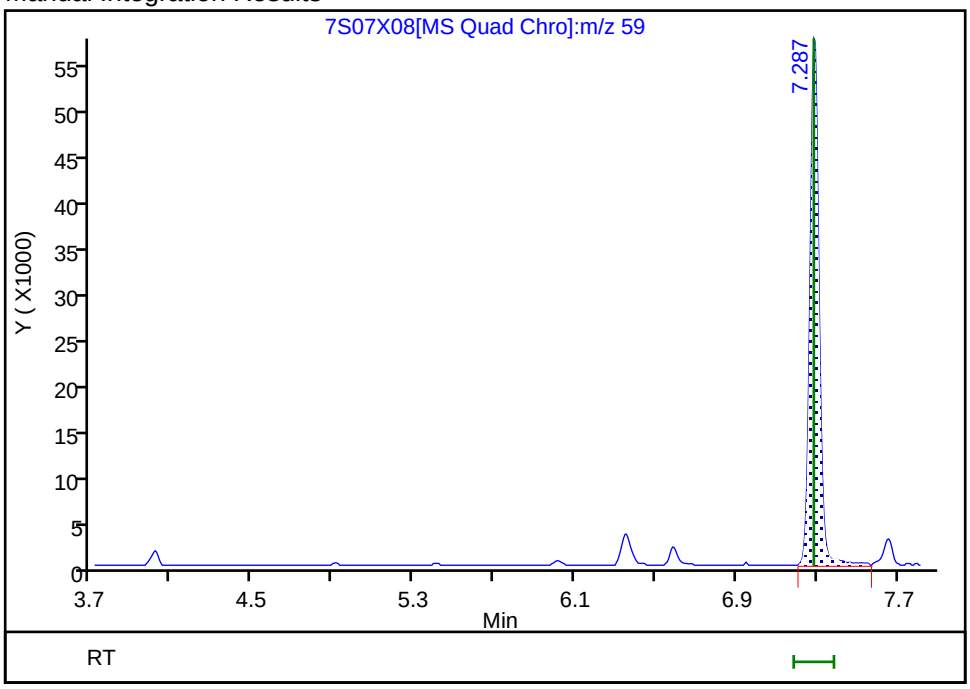
Processing Integration Results

RT: 4.01
Area: 4034
Amount: 6.056972
Amount Units: ppb v/v




Manual Integration Results

RT: 7.29
Area: 185366
Amount: 5.832456
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:49:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

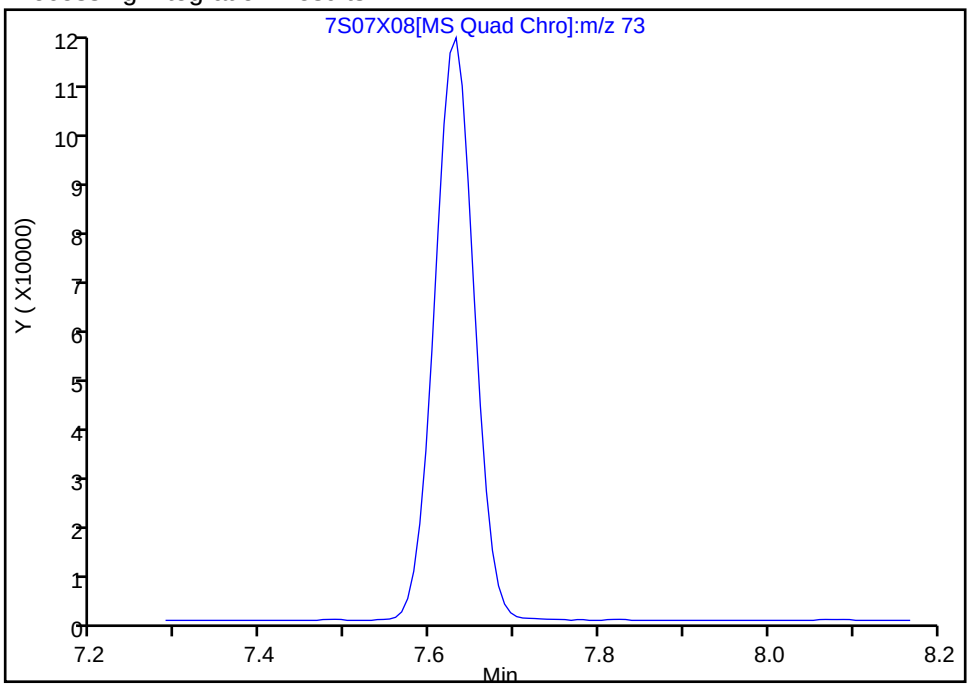
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 26 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

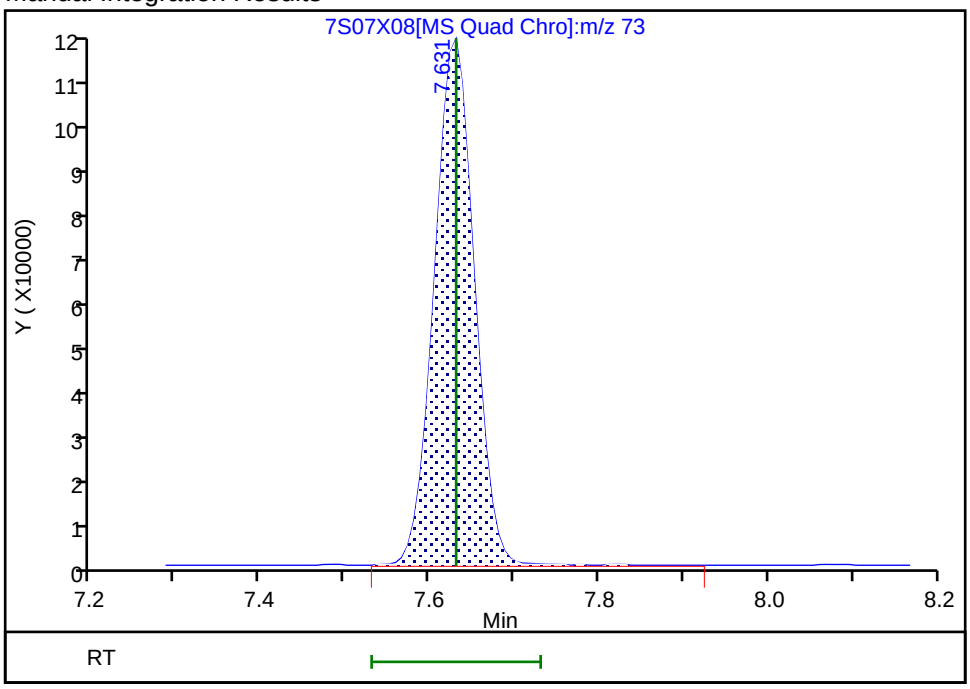
Not Detected
Expected RT: 7.63

Processing Integration Results




Manual Integration Results

RT: 7.63
Area: 375504
Amount: 4.999606
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

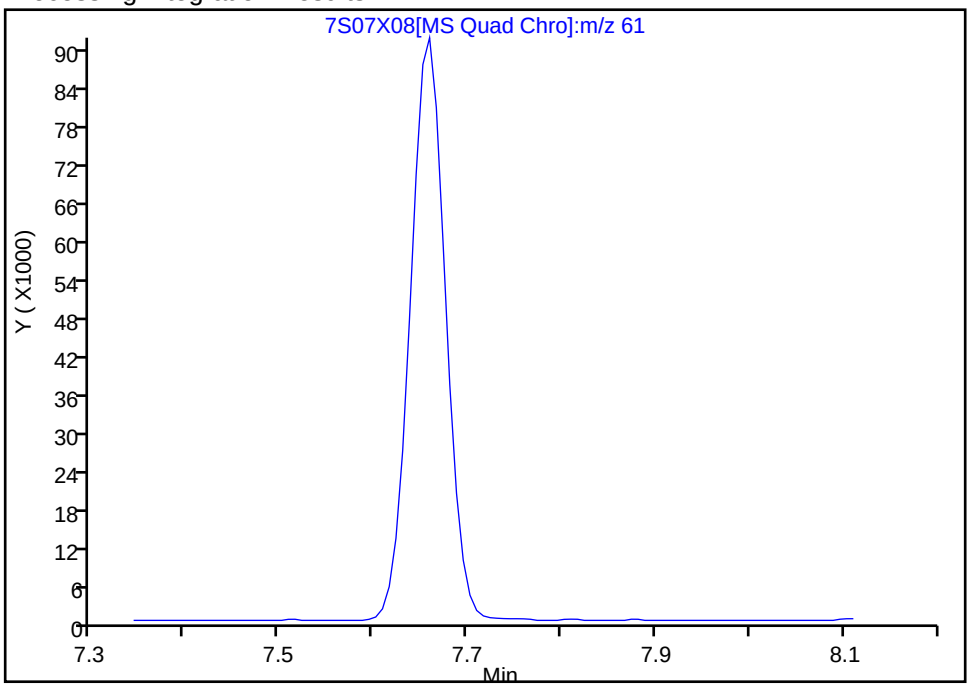
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 24 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

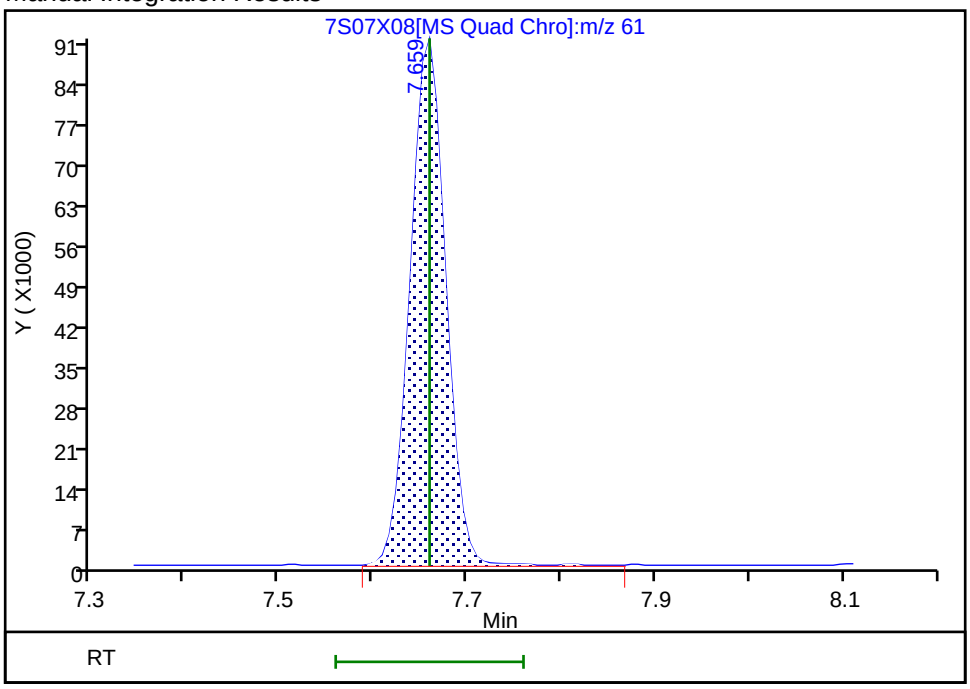
Not Detected
Expected RT: 7.66

Processing Integration Results




Manual Integration Results

RT: 7.66
Area: 241044
Amount: 4.621028
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

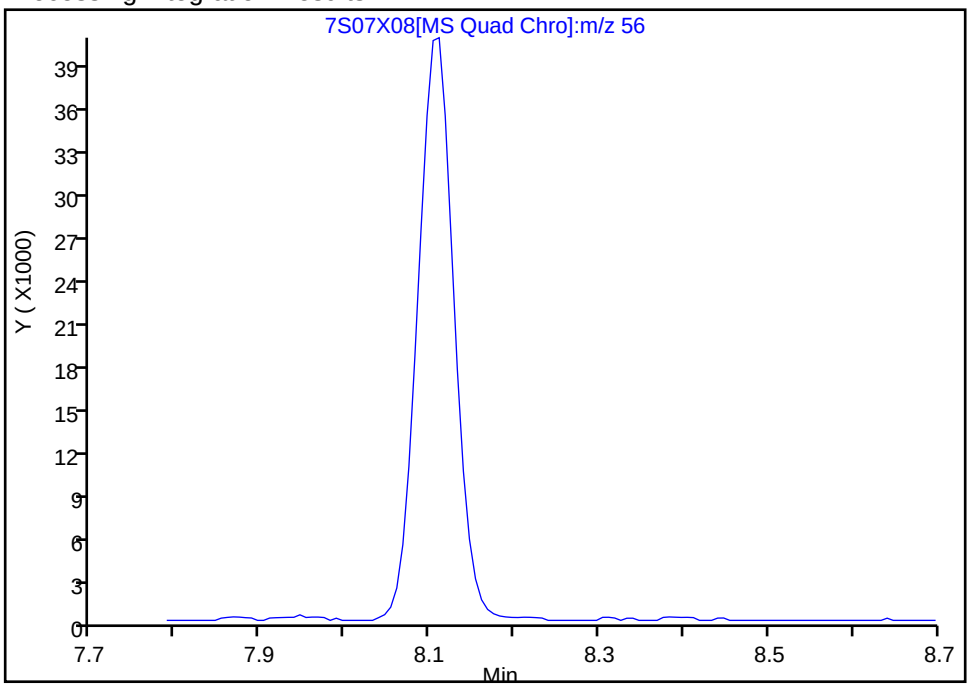
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Signal: 1

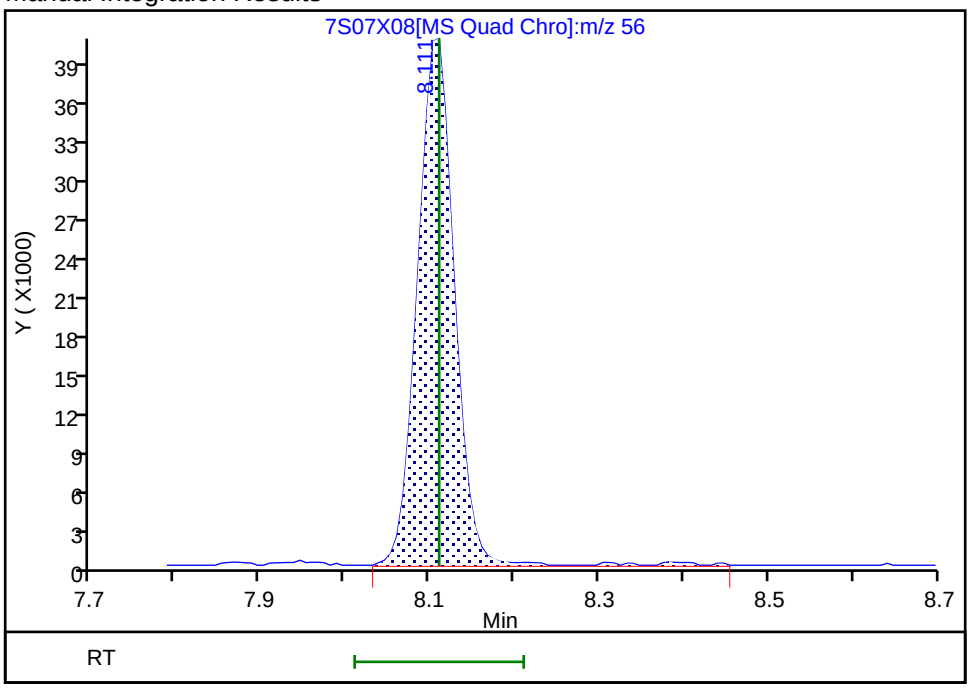
Processing Integration Results

Not Detected
Expected RT: 8.11




Manual Integration Results

RT: 8.11
Area: 123384
Amount: 4.585585
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:50:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

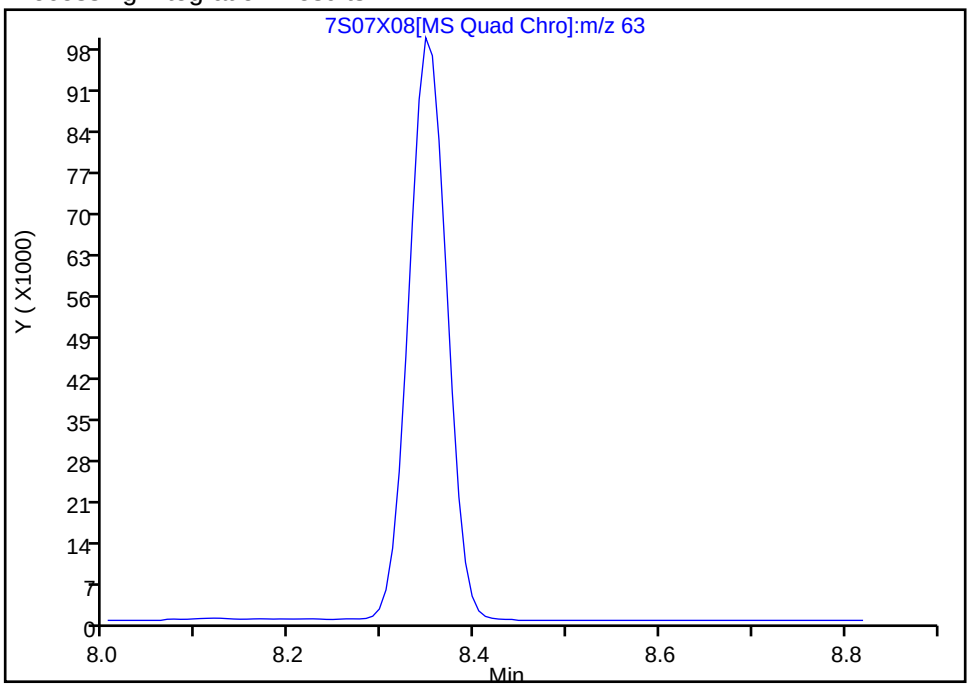
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 30 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

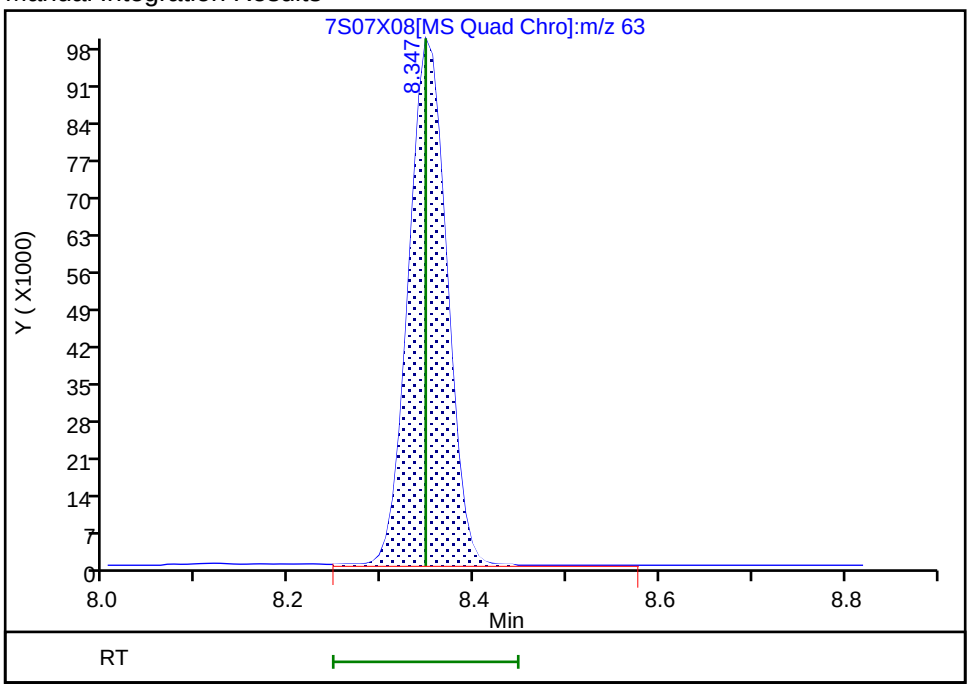
Not Detected
Expected RT: 8.35

Processing Integration Results




Manual Integration Results

RT: 8.35
Area: 285491
Amount: 4.489172
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:02:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

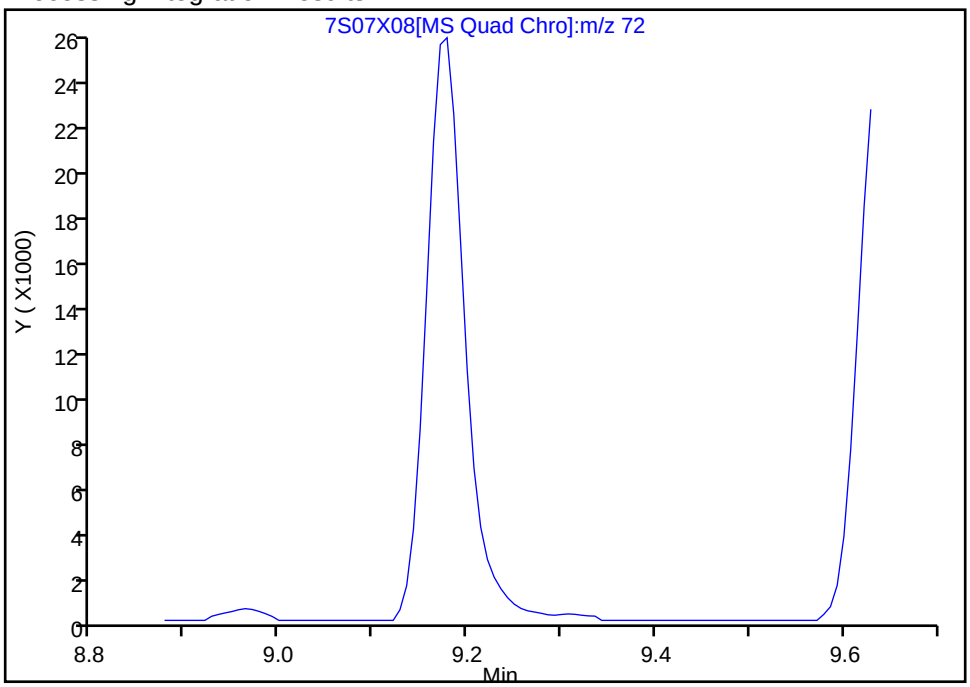
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

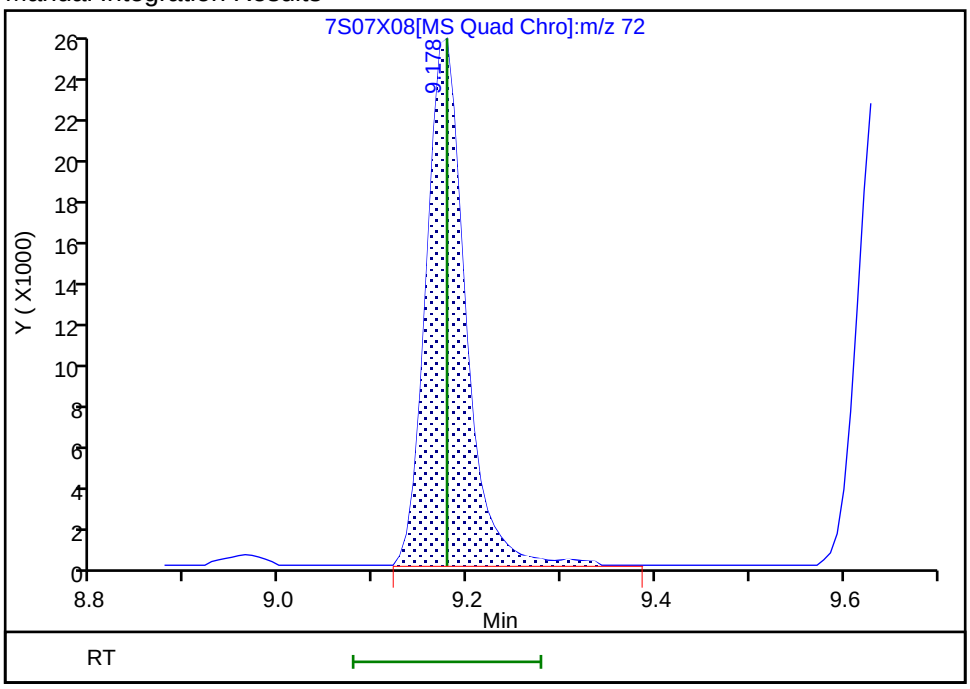
Not Detected
Expected RT: 9.18

Processing Integration Results




Manual Integration Results

RT: 9.18
Area: 74458
Amount: 5.058130
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:02:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

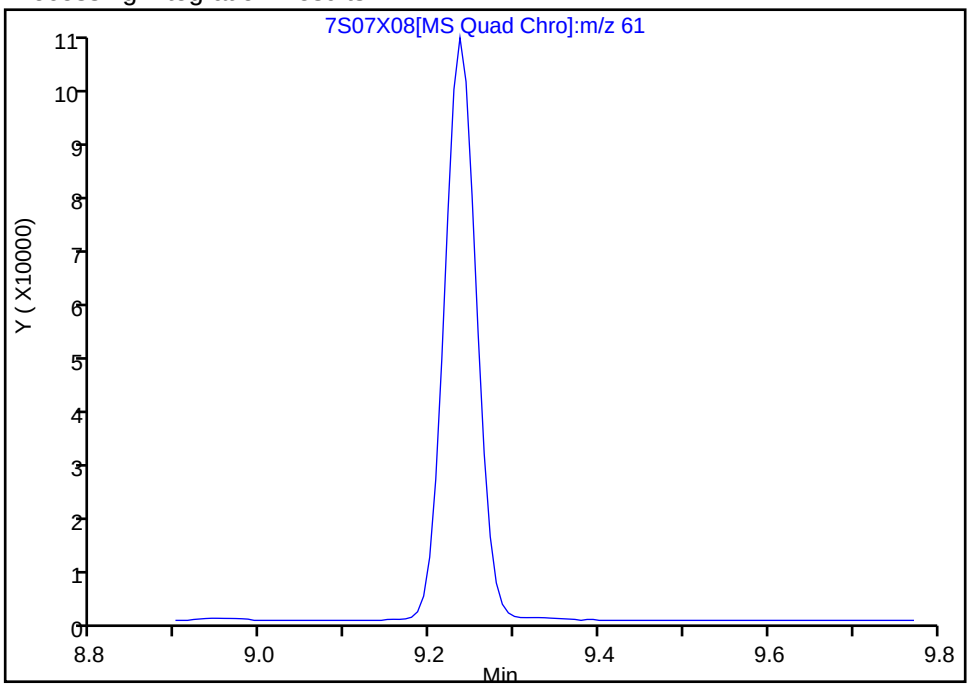
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

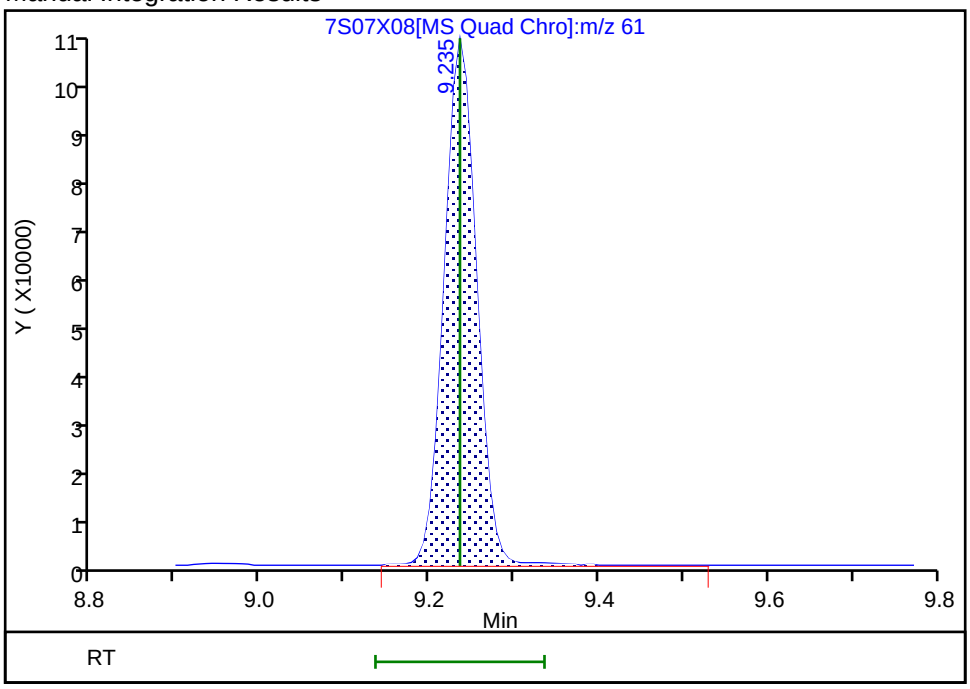
Not Detected
Expected RT: 9.24

Processing Integration Results




Manual Integration Results

RT: 9.24
Area: 270104
Amount: 4.563309
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:03:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

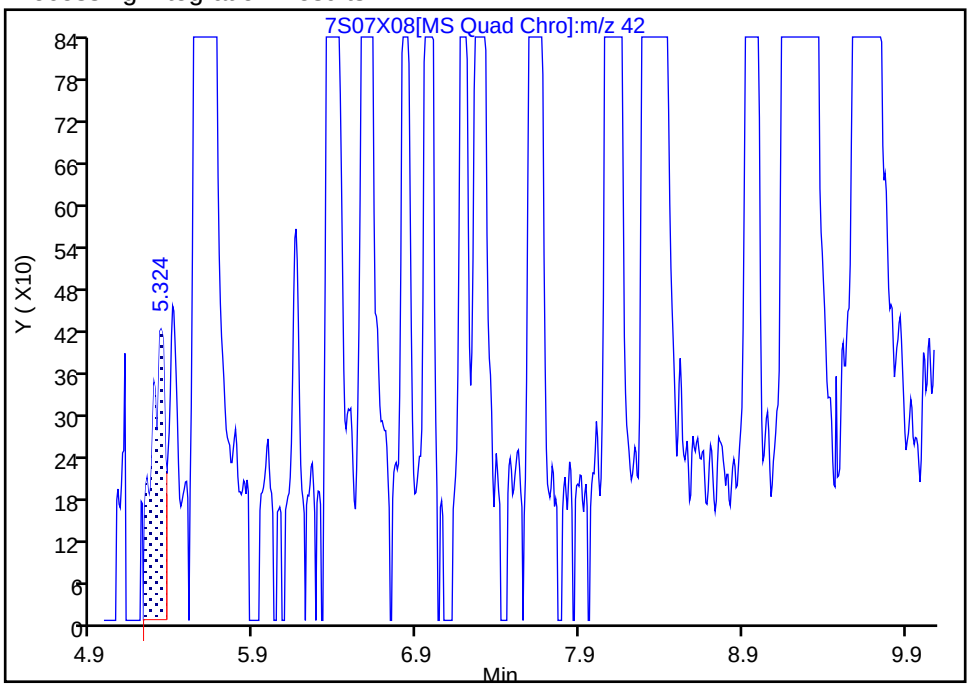
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

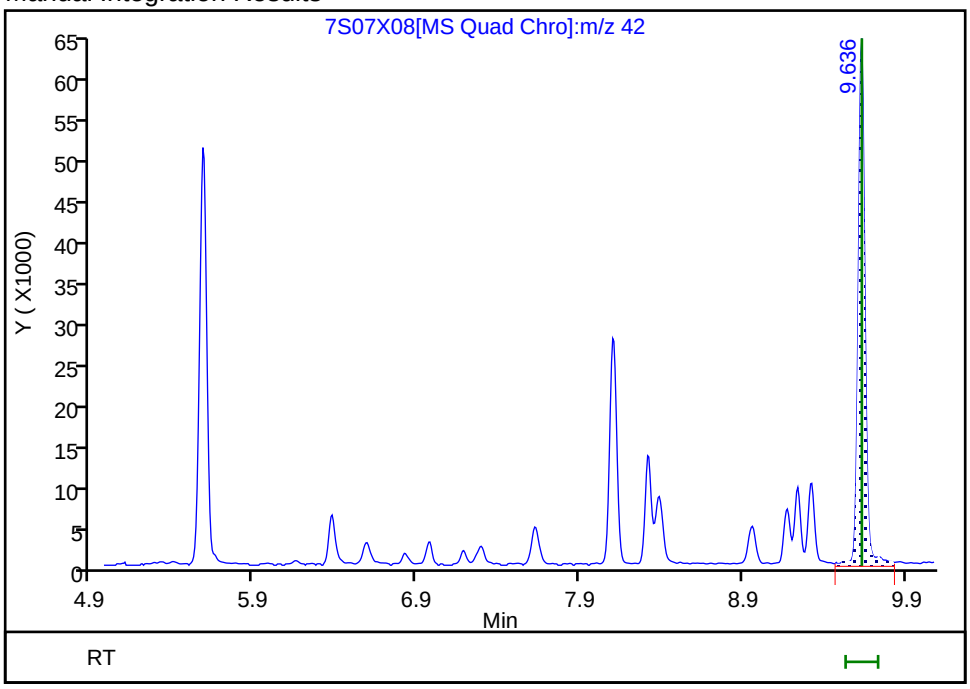
Processing Integration Results

RT: 5.32
Area: 2368
Amount: 3.013337
Amount Units: ppb v/v




Manual Integration Results

RT: 9.64
Area: 192551
Amount: 4.519715
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:51:36 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

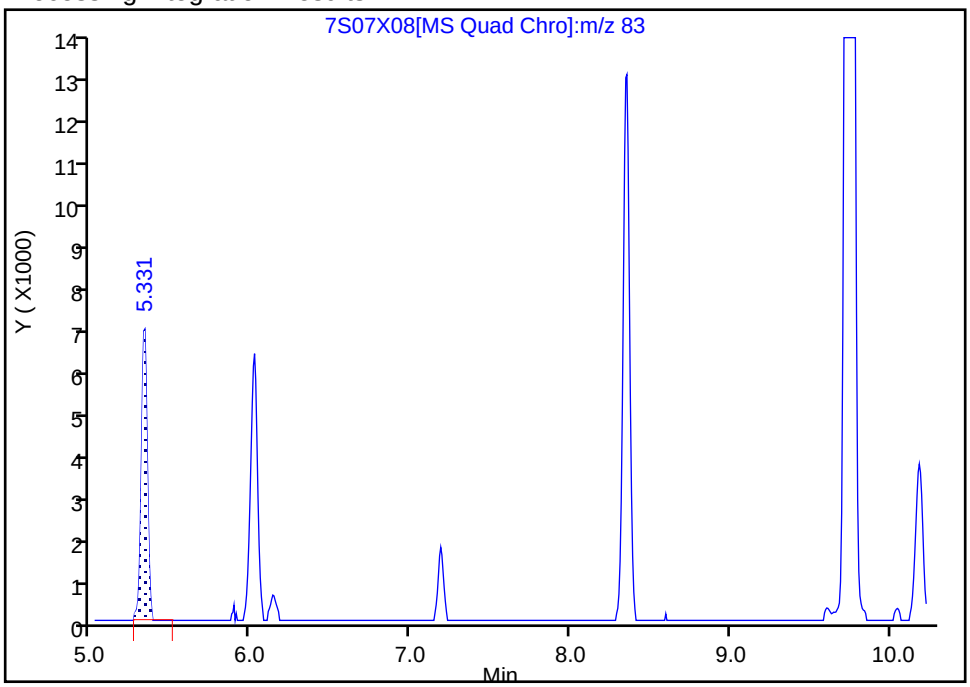
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3

Signal: 1

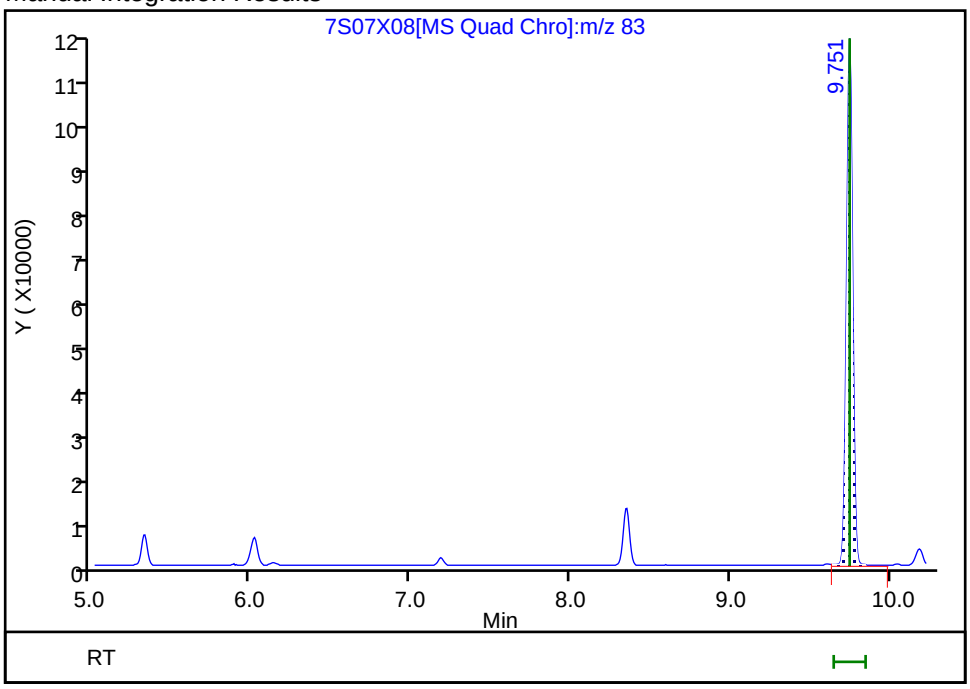
Processing Integration Results

RT: 5.33
Area: 17964
Amount: 5.004268
Amount Units: ppb v/v




Manual Integration Results

RT: 9.75
Area: 320439
Amount: 4.494103
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:52:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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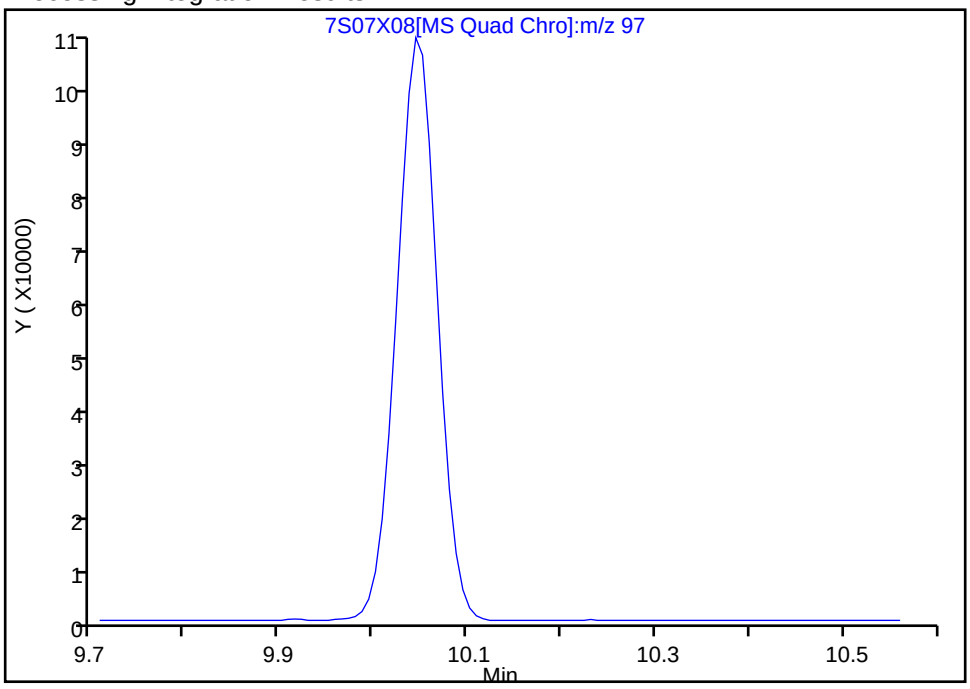
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 42 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

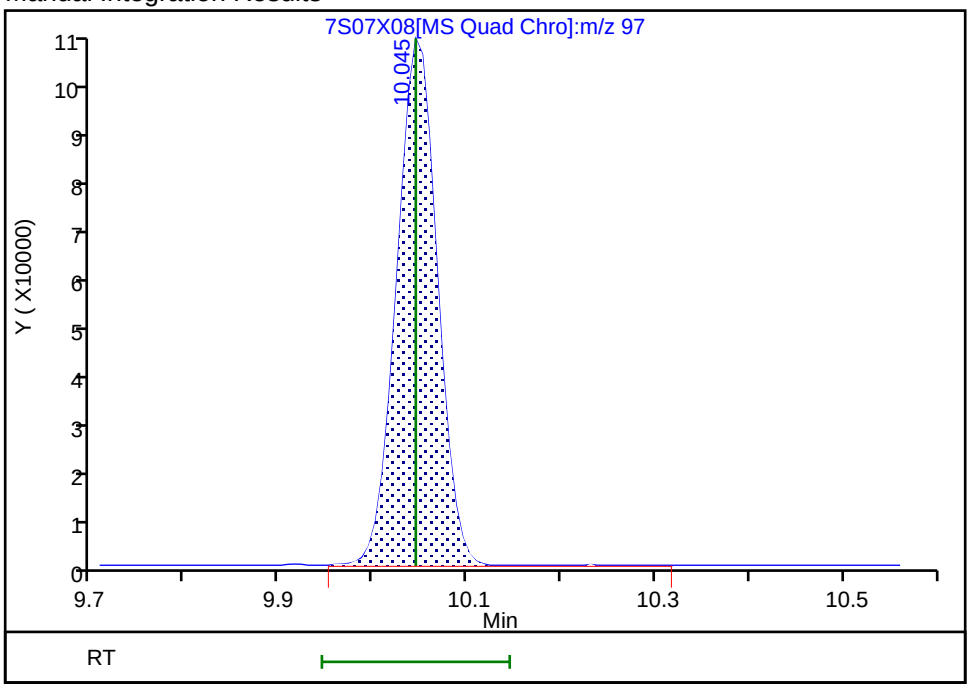
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.04
Area: 300739
Amount: 4.781160
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:03:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

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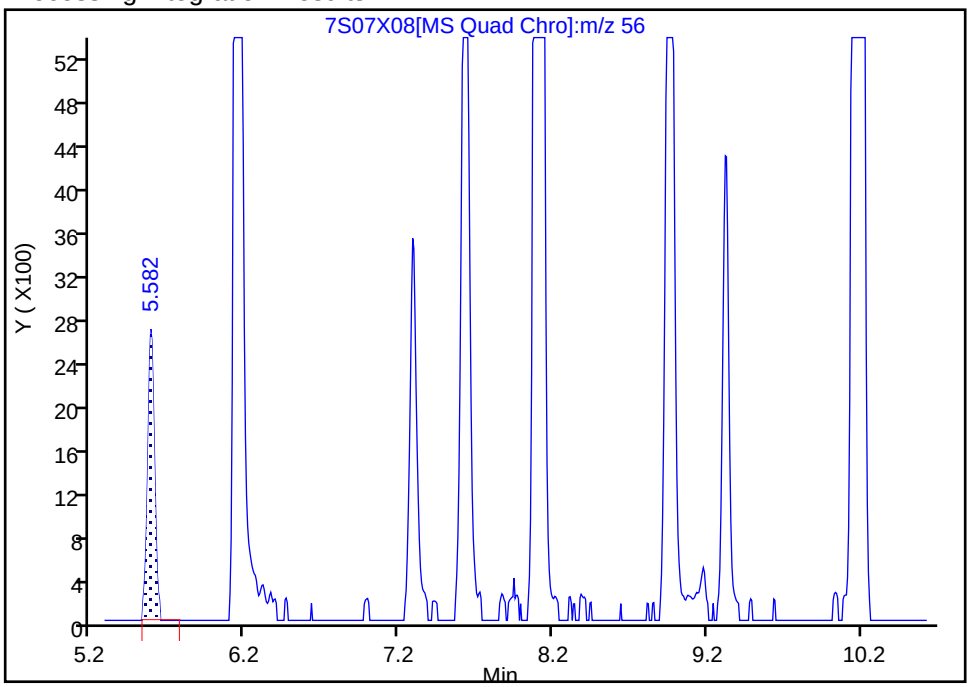
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7

Signal: 1

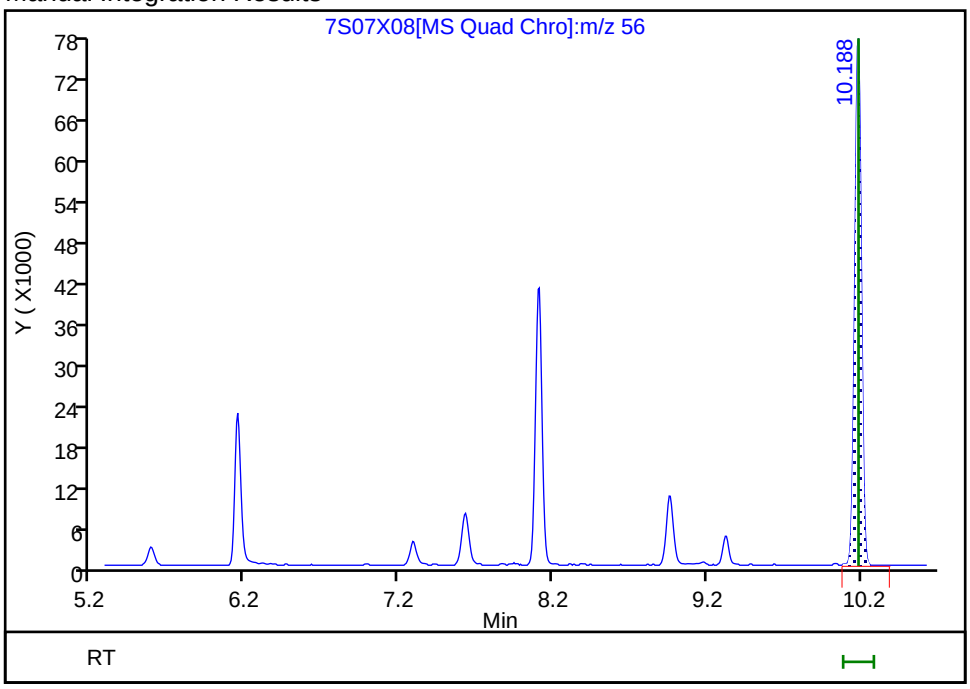
Processing Integration Results

RT: 5.58
Area: 8276
Amount: 4.526039
Amount Units: ppb v/v




Manual Integration Results

RT: 10.19
Area: 236955
Amount: 4.765101
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:52:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

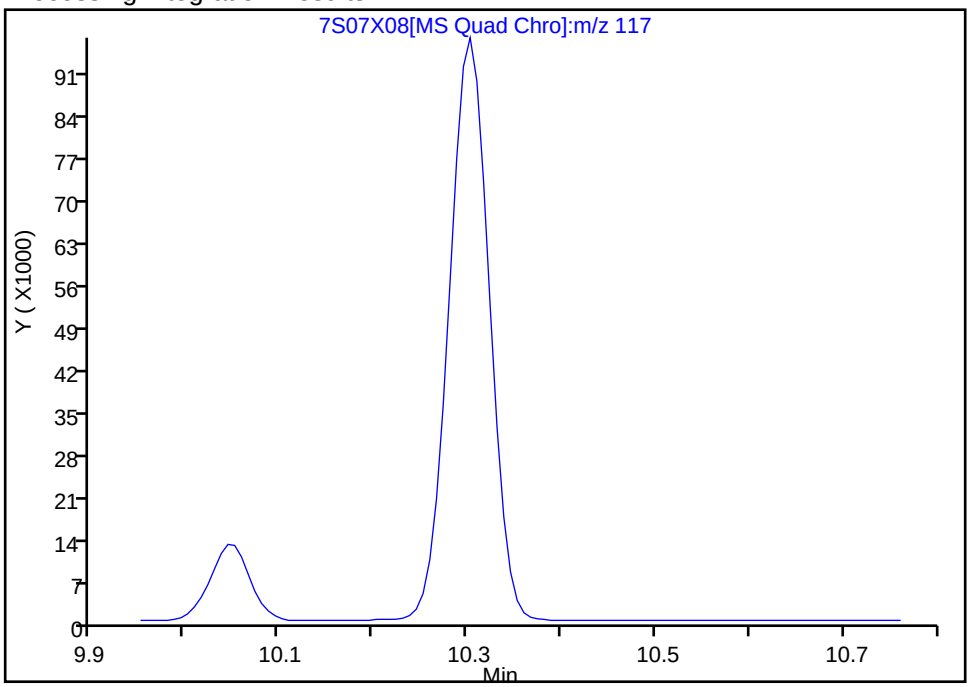
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

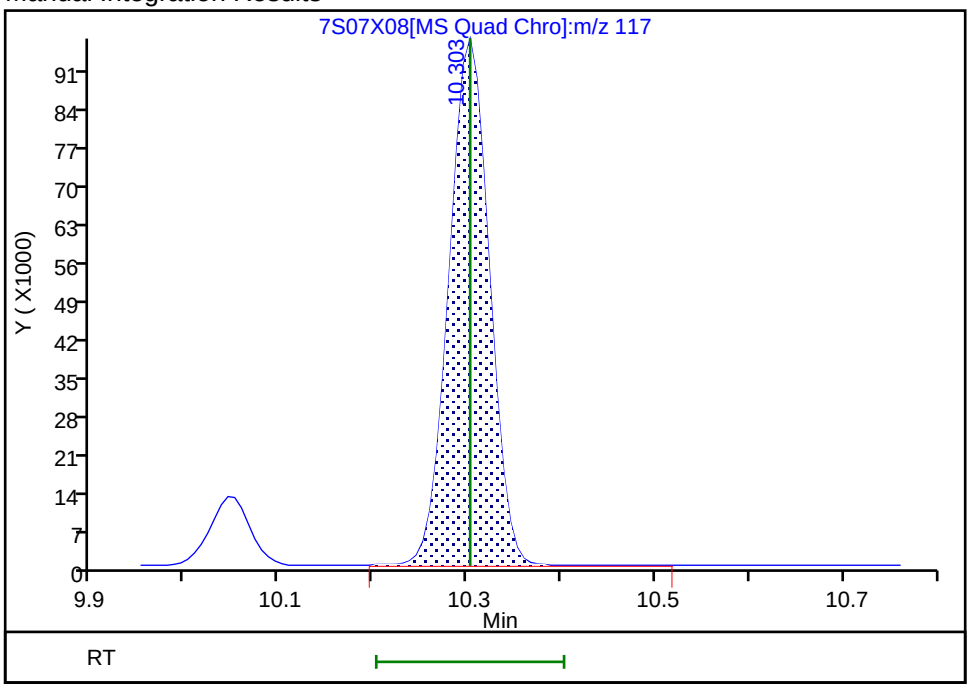
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.30
Area: 289506
Amount: 4.972118
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

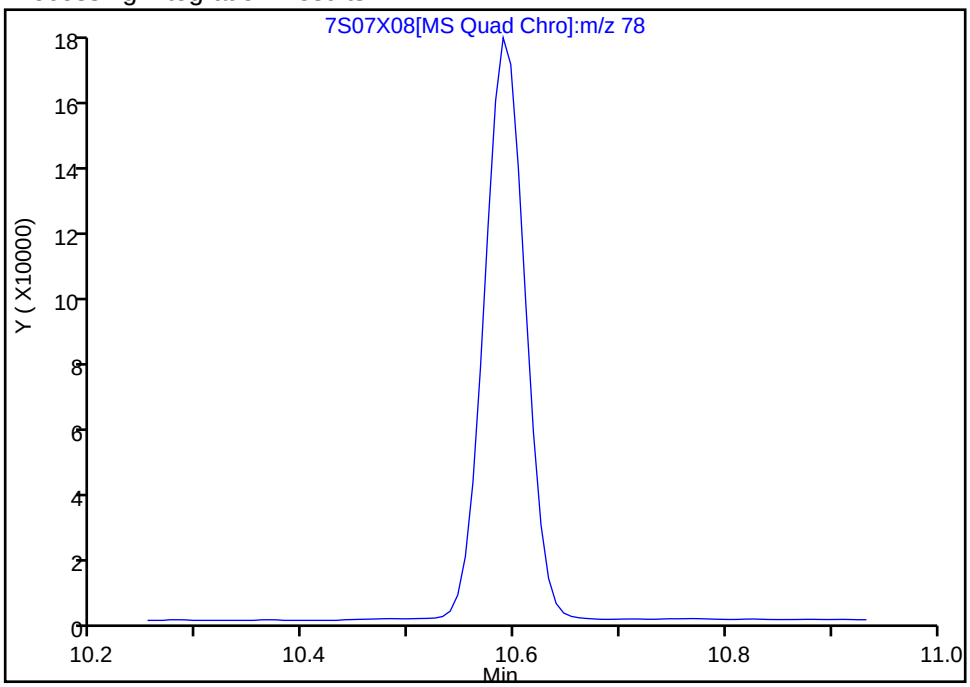
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2

Signal: 1

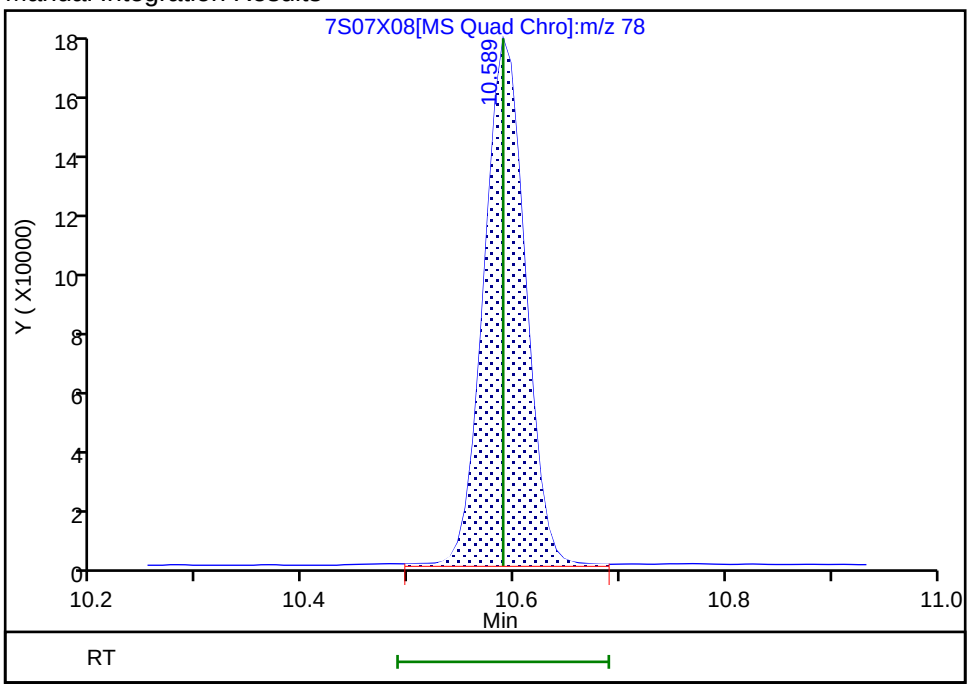
Not Detected
Expected RT: 10.59

Processing Integration Results




Manual Integration Results

RT: 10.59
Area: 471430
Amount: 4.452807
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

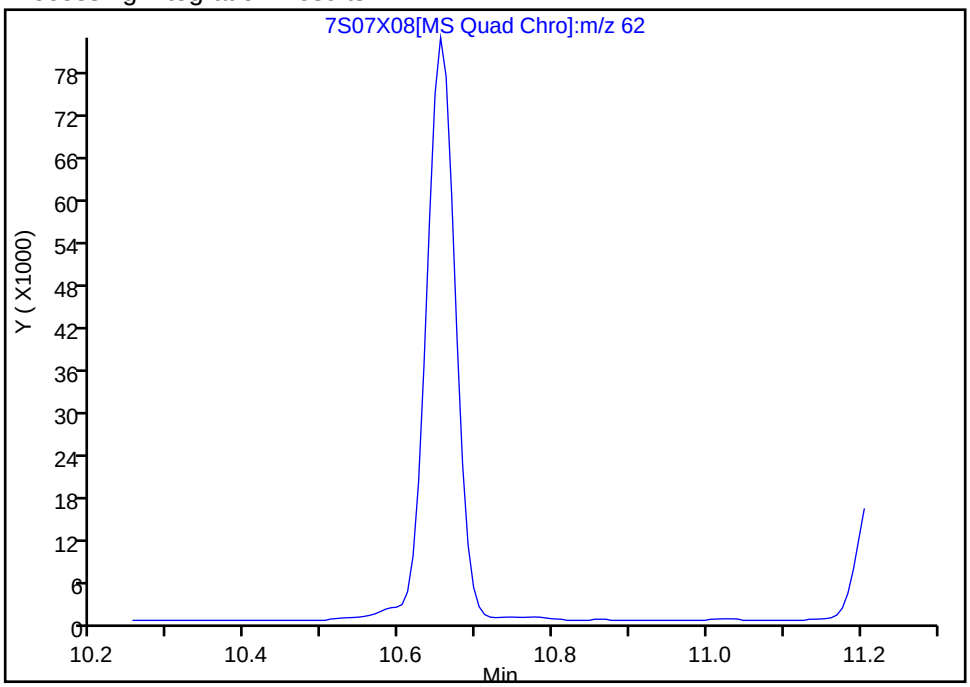
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 48 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

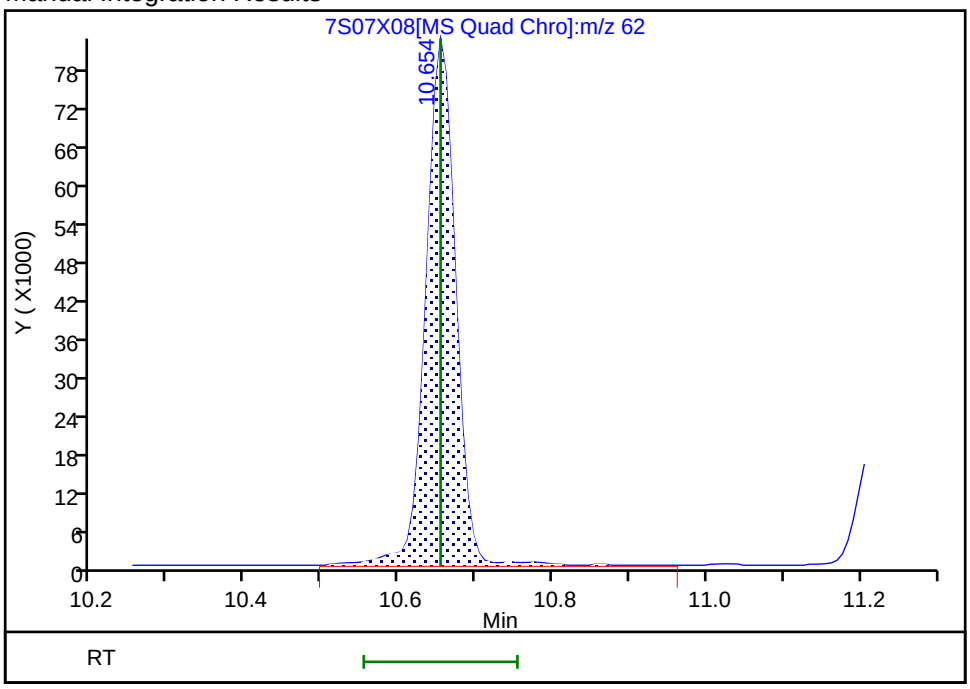
Not Detected
Expected RT: 10.65

Processing Integration Results




Manual Integration Results

RT: 10.65
Area: 223073
Amount: 4.569044
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:53:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

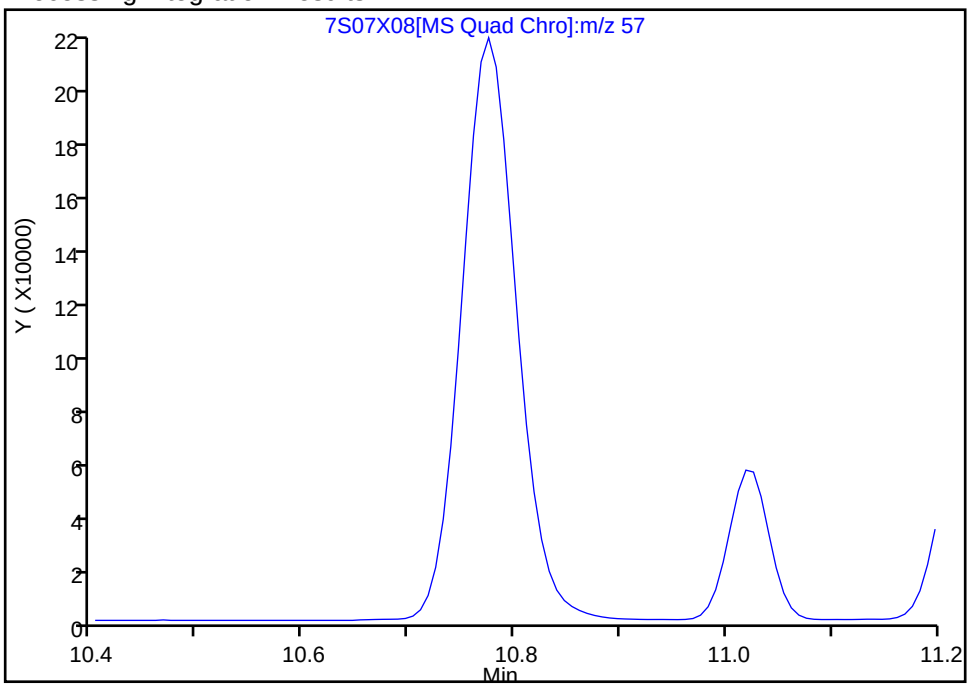
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1

Signal: 1

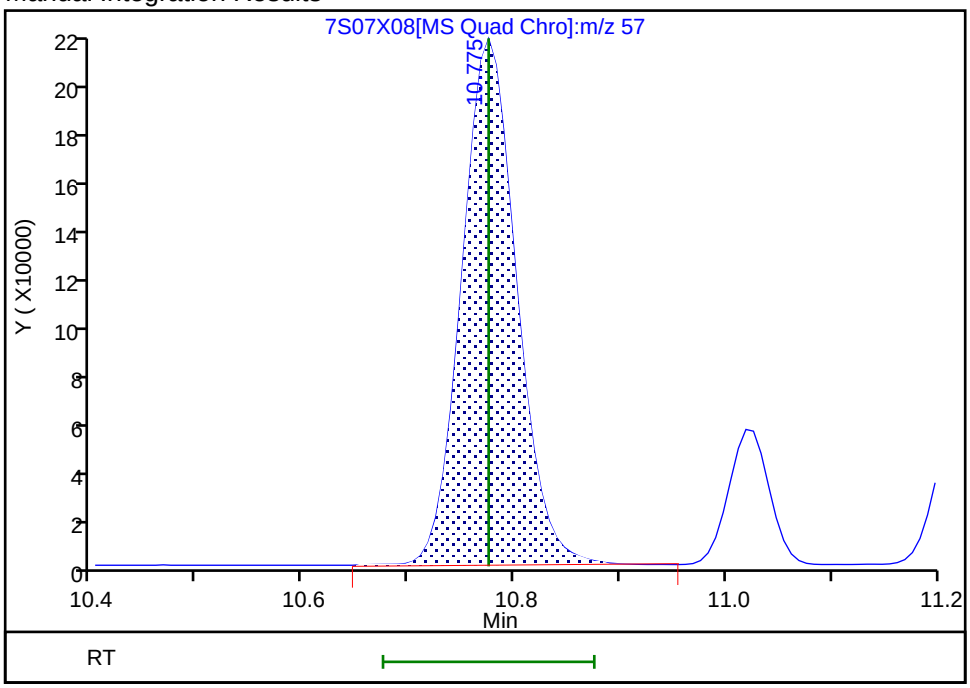
Not Detected
Expected RT: 10.78

Processing Integration Results




Manual Integration Results

RT: 10.78
Area: 792533
Amount: 4.890585
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:53:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

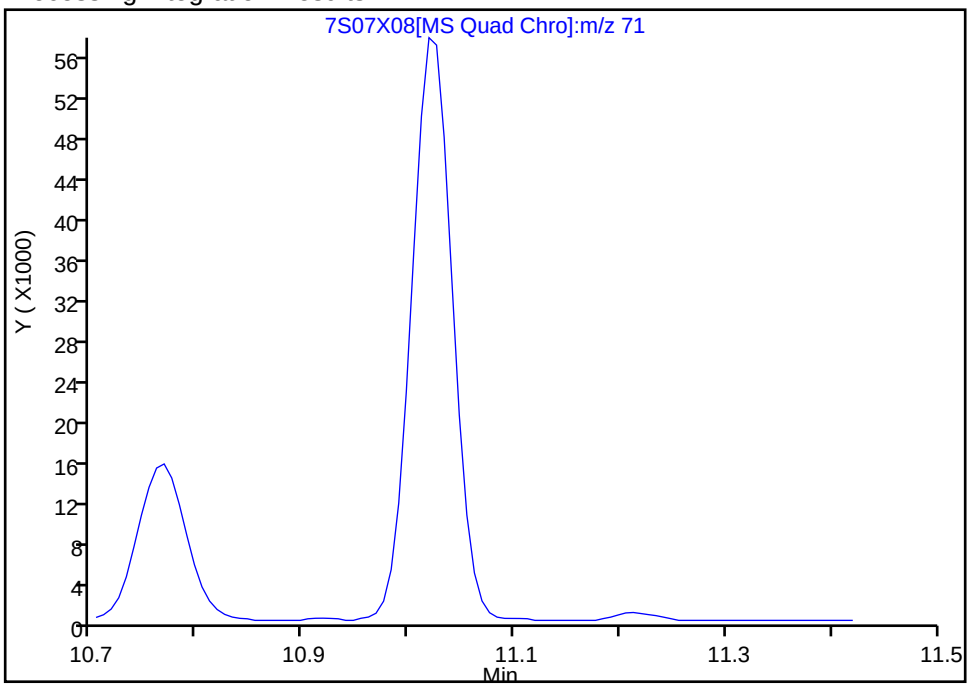
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5

Signal: 1

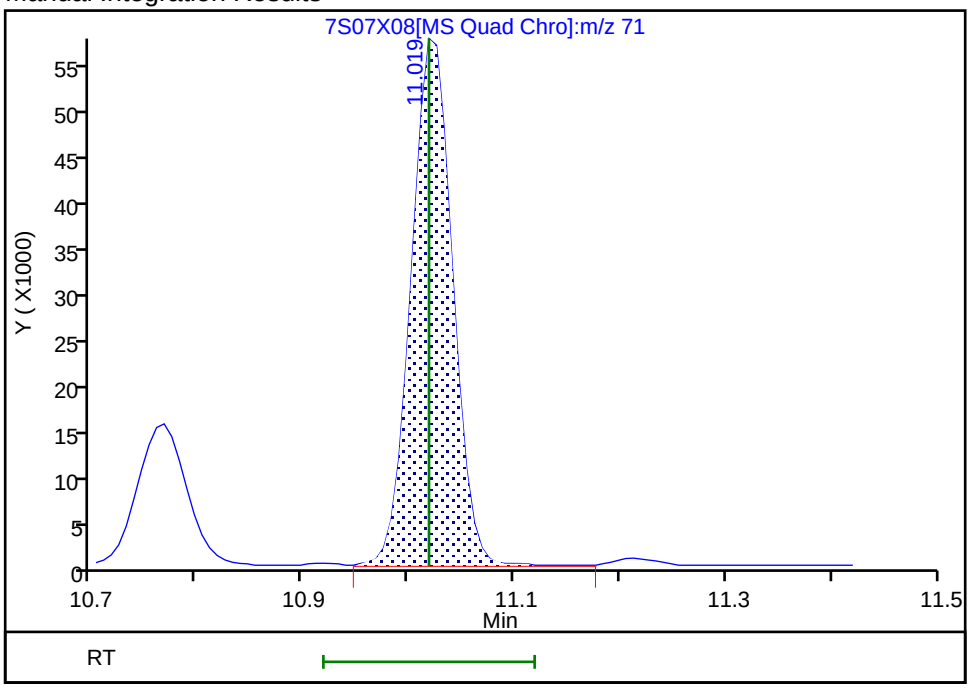
Not Detected
Expected RT: 11.02

Processing Integration Results




Manual Integration Results

RT: 11.02
Area: 155949
Amount: 4.870439
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:54:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

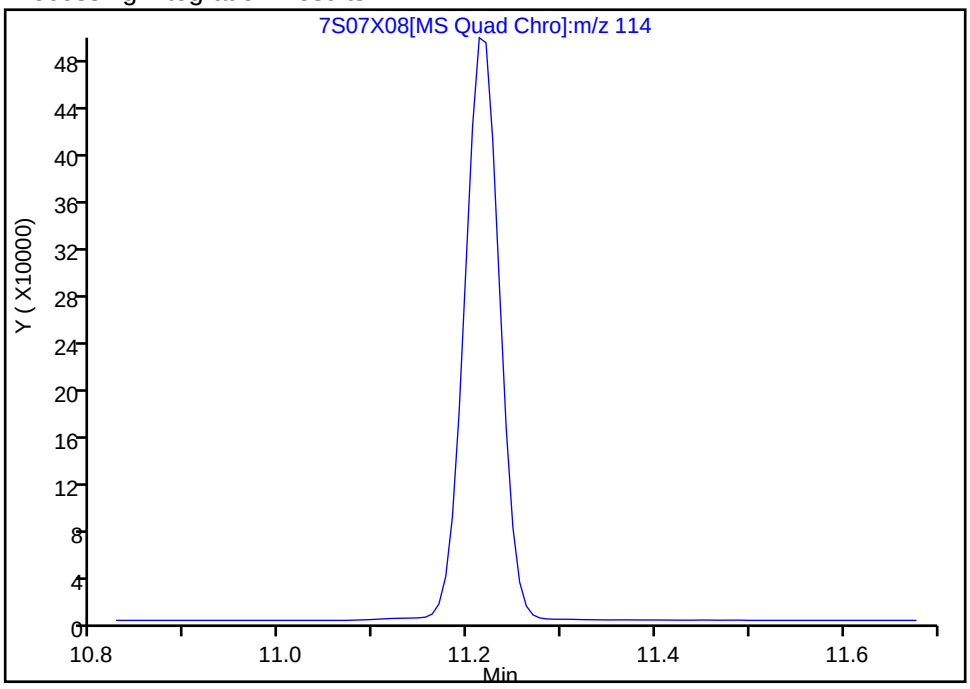
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## * 50 1,4-Difluorobenzene, CAS: 540-36-3

Signal: 1

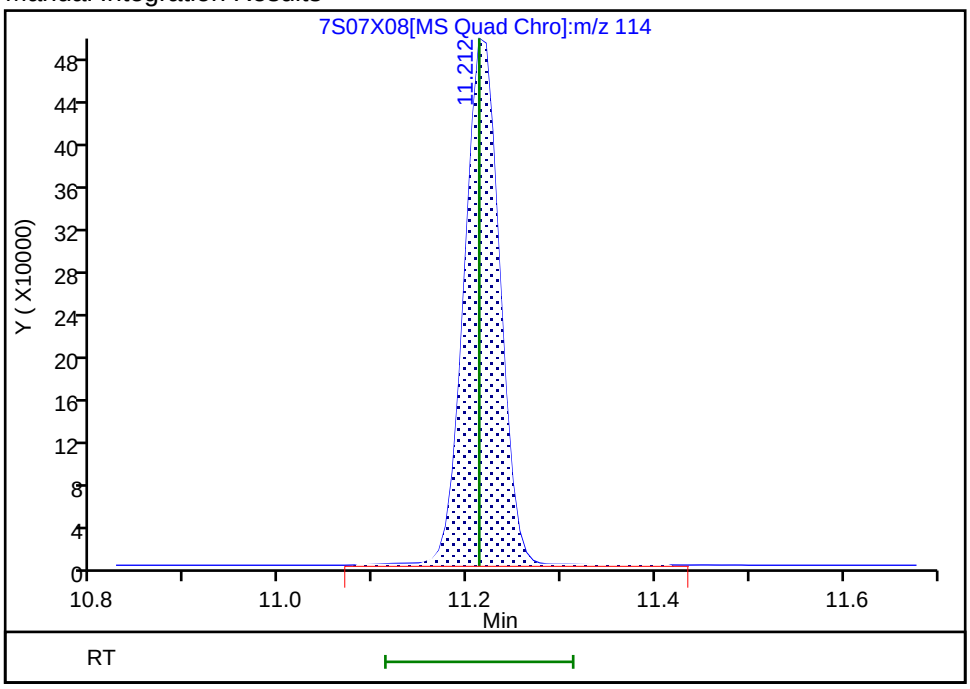
Not Detected
Expected RT: 11.21

Processing Integration Results




Manual Integration Results

RT: 11.21
Area: 1309596
Amount: 10.000000
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

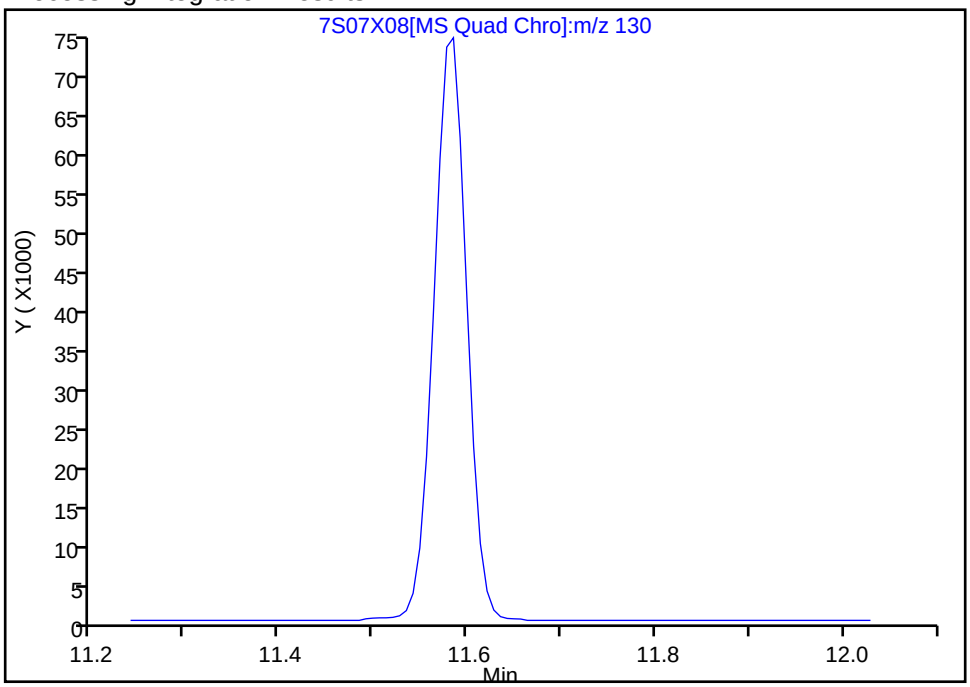
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 49 Trichloroethene, CAS: 79-01-6

Signal: 1

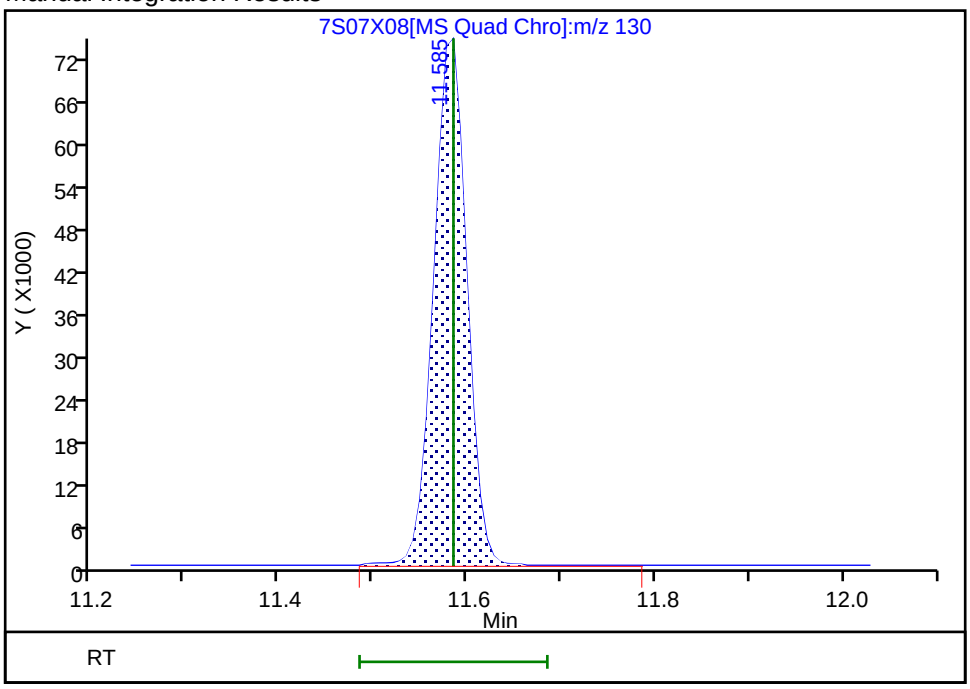
Not Detected
Expected RT: 11.58

Processing Integration Results




Manual Integration Results

RT: 11.58
Area: 181252
Amount: 4.300321
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:05:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

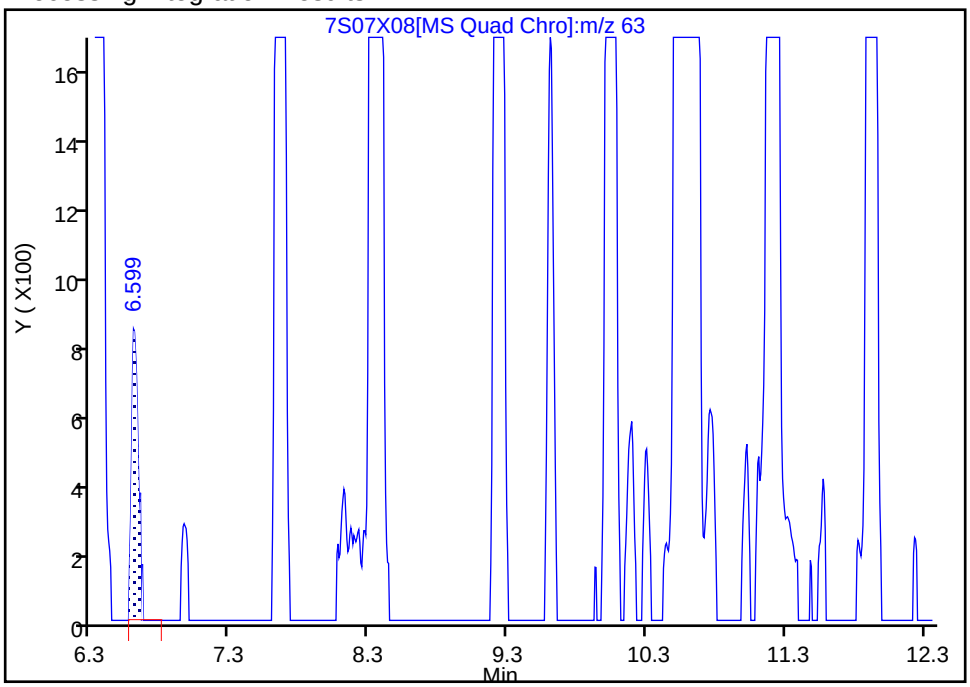
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

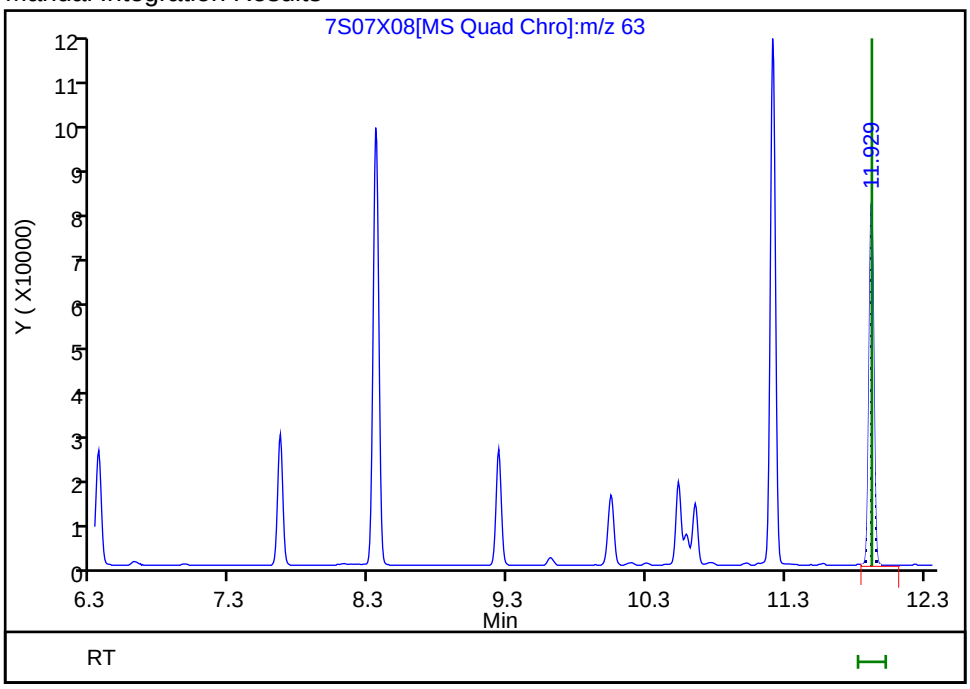
Processing Integration Results

RT: 6.60
Area: 2858
Amount: 4.990048
Amount Units: ppb v/v




Manual Integration Results

RT: 11.93
Area: 199566
Amount: 4.528765
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:55:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

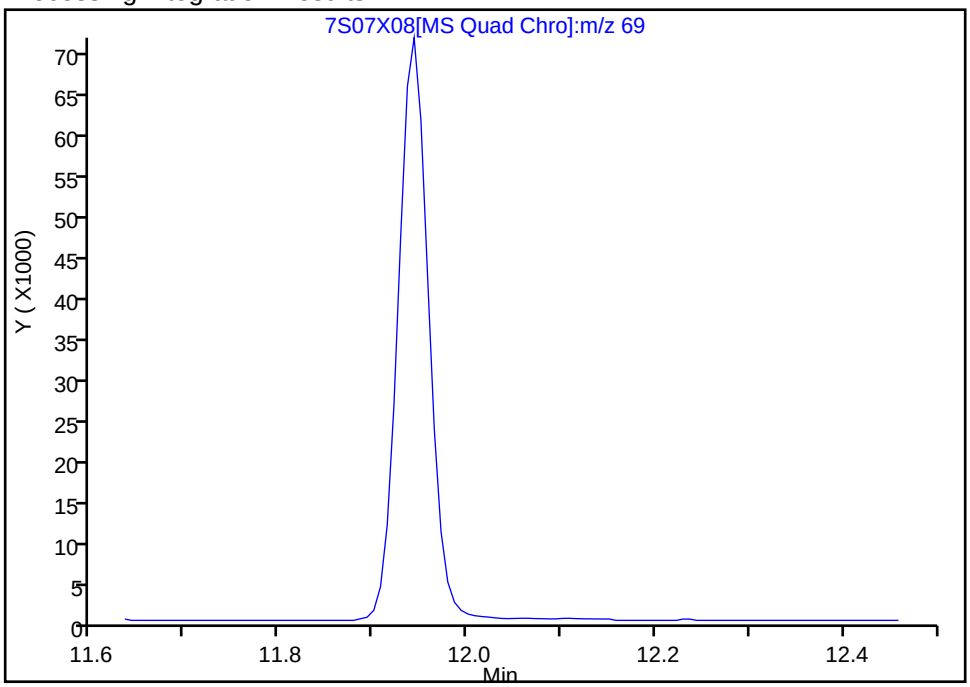
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

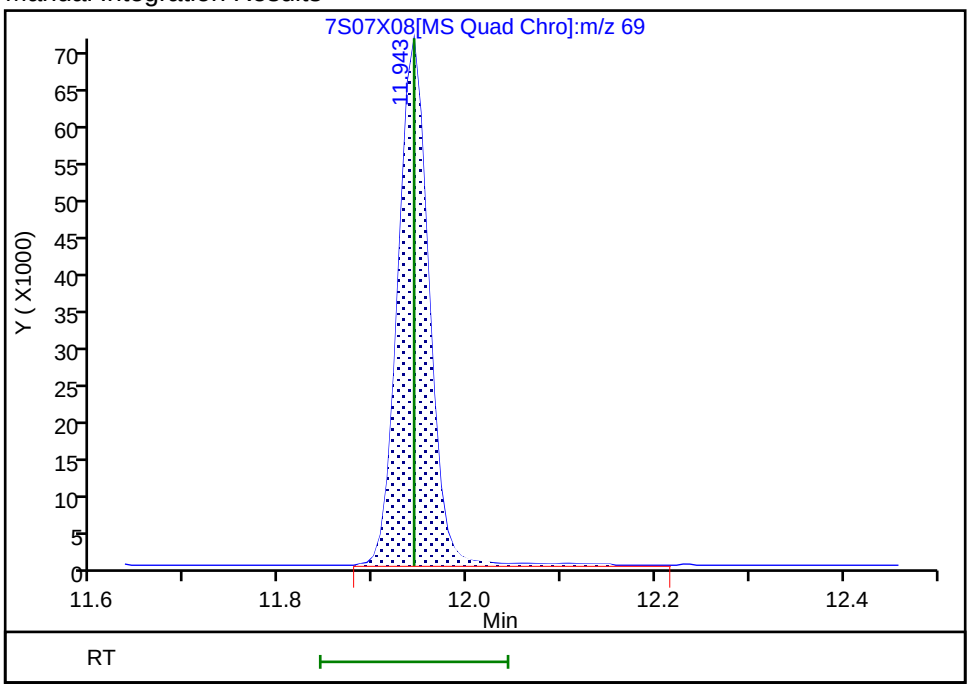
Not Detected
Expected RT: 11.94

Processing Integration Results




Manual Integration Results

RT: 11.94
Area: 163208
Amount: 4.879998
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:05:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

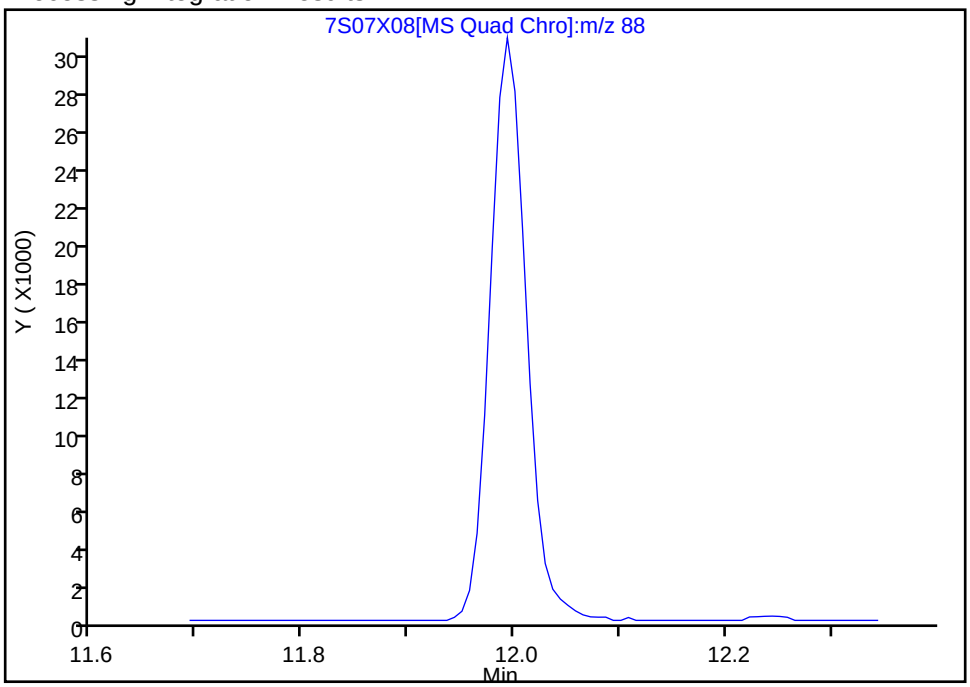
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

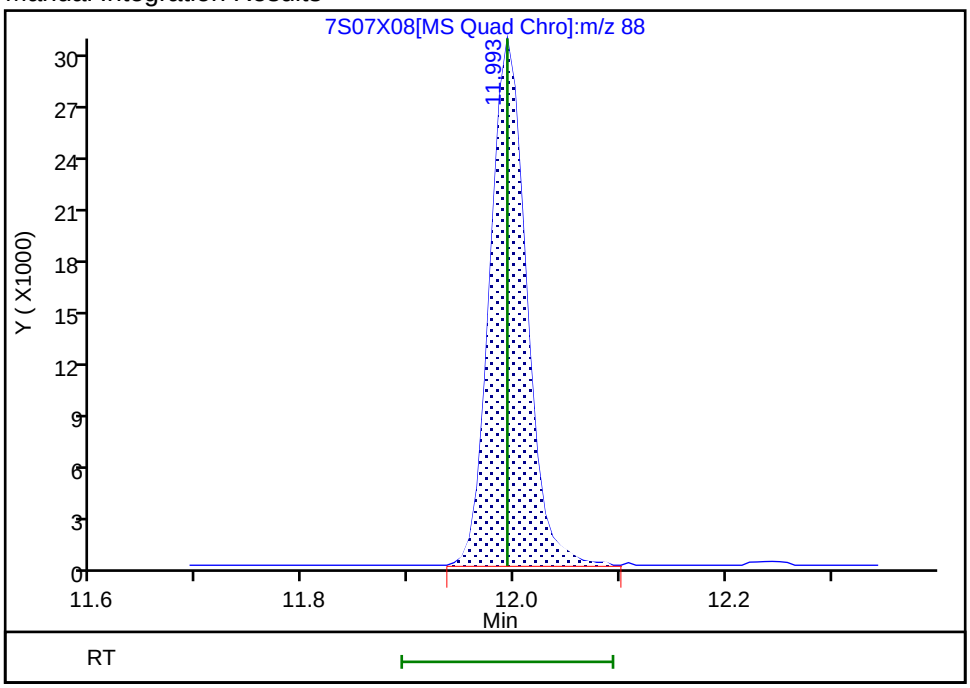
Not Detected
Expected RT: 11.99

Processing Integration Results




Manual Integration Results

RT: 11.99
Area: 73081
Amount: 5.107661
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:03:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

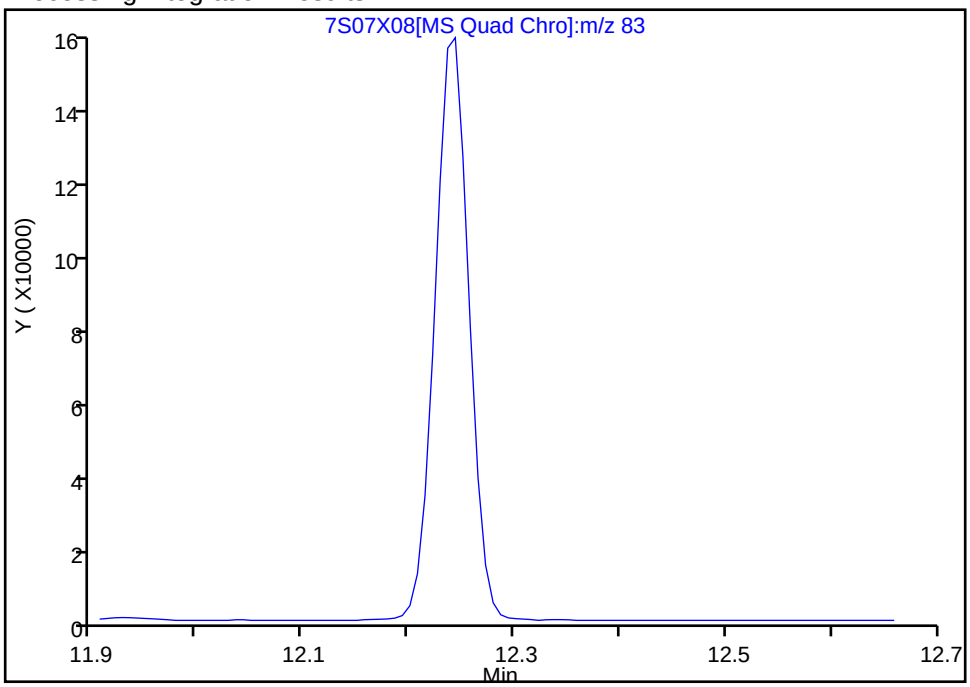
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 54 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

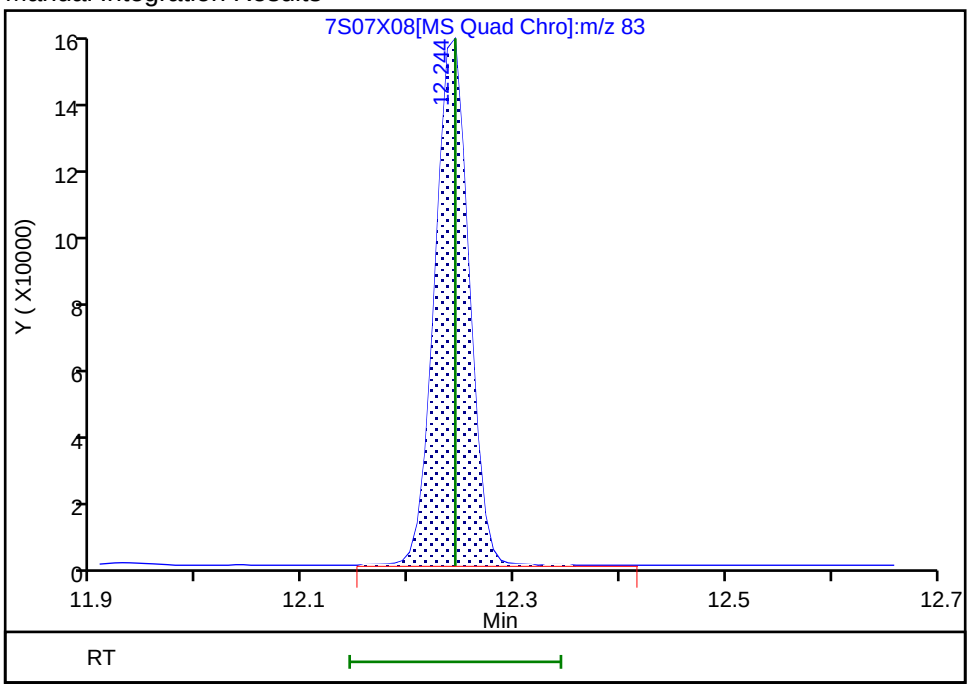
Not Detected
Expected RT: 12.24

Processing Integration Results




Manual Integration Results

RT: 12.24
Area: 352583
Amount: 4.569303
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:06:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

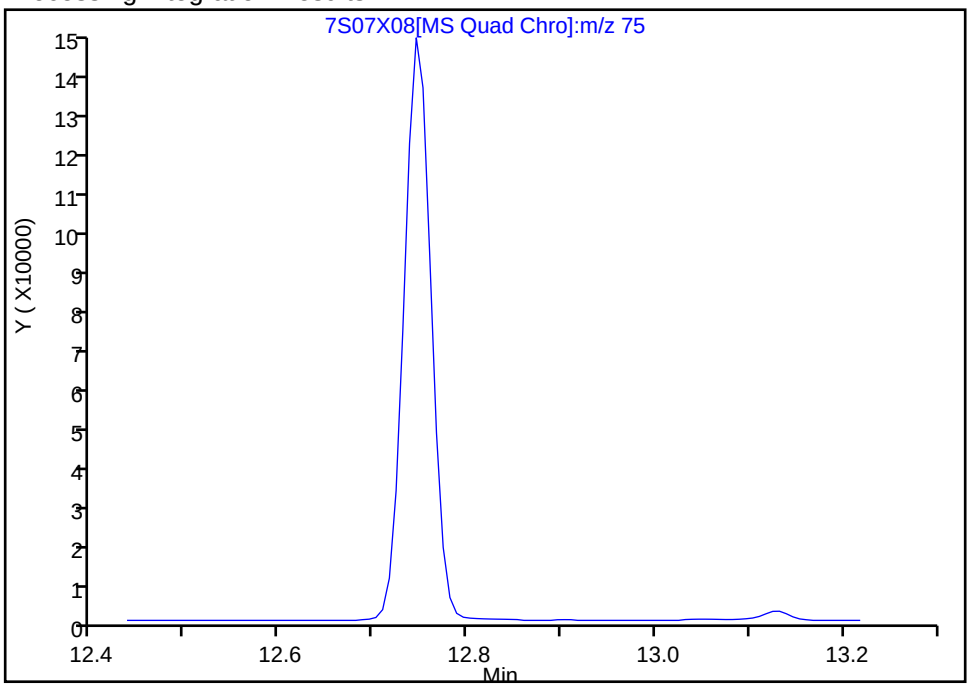
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 57 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

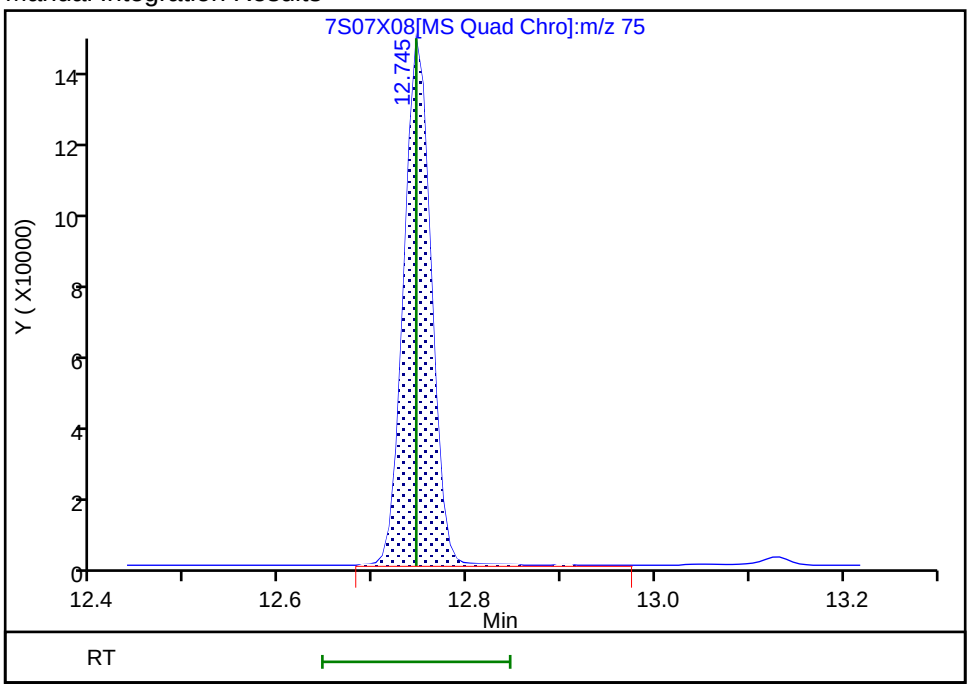
Not Detected
Expected RT: 12.75

Processing Integration Results




Manual Integration Results

RT: 12.75
Area: 287802
Amount: 4.642288
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:07:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

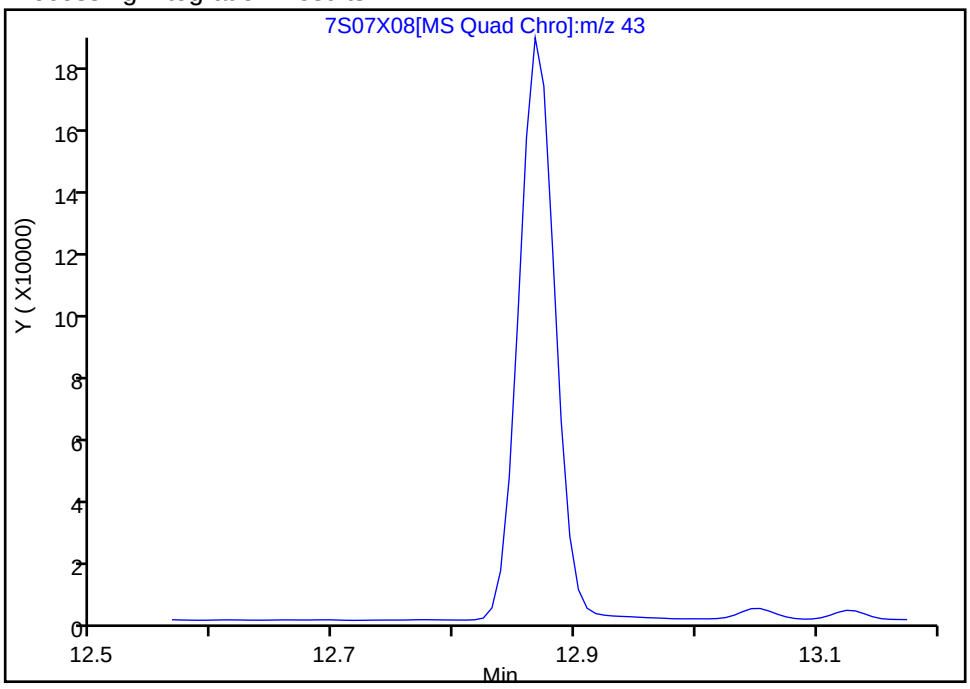
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

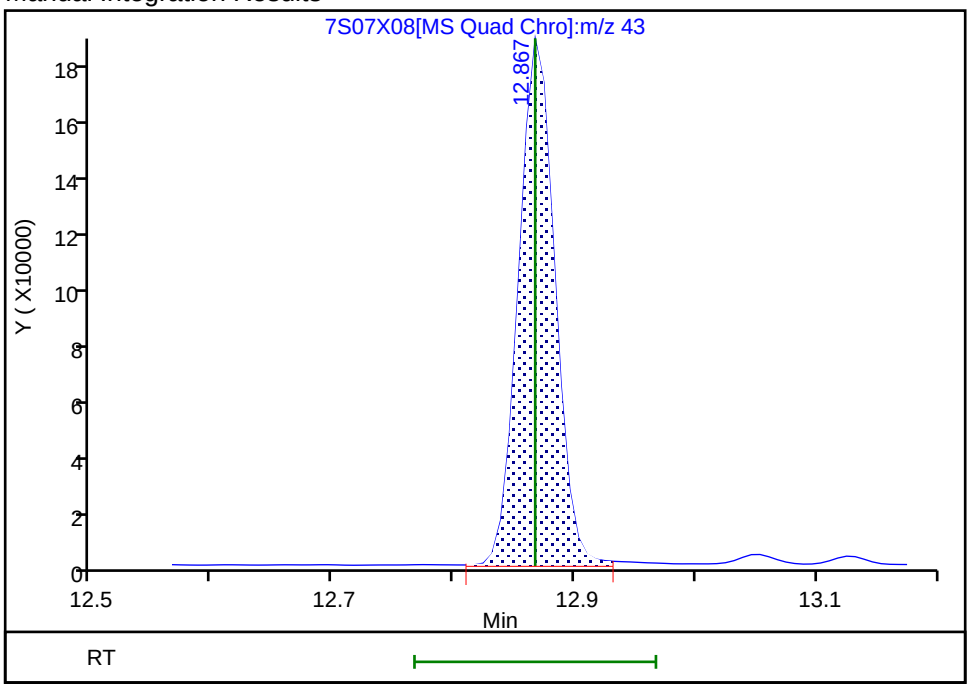
Not Detected
Expected RT: 12.87

Processing Integration Results




Manual Integration Results

RT: 12.87
Area: 394889
Amount: 4.842277
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

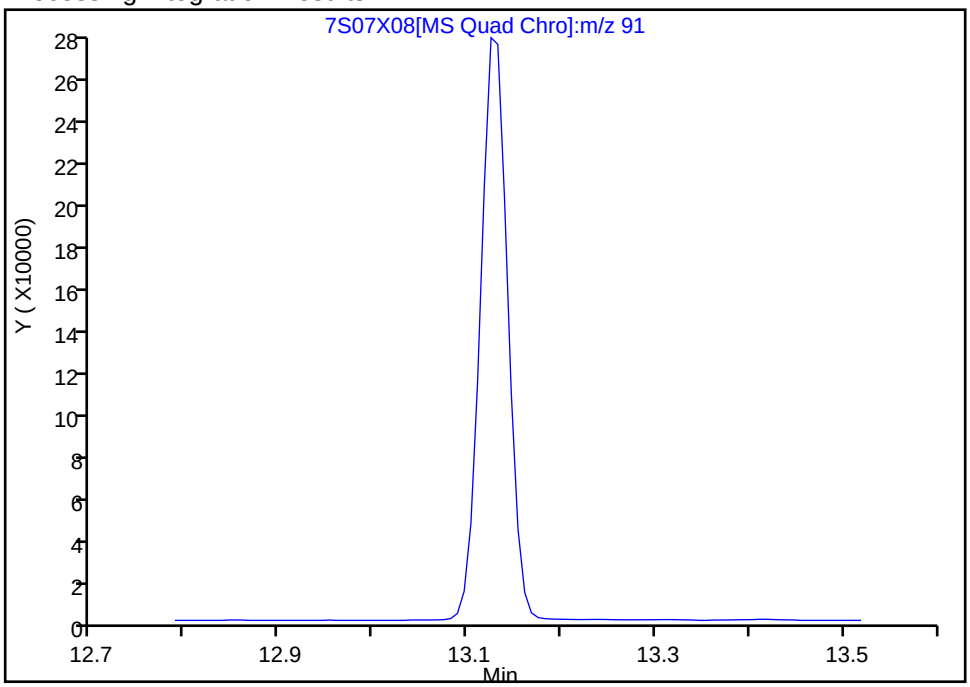
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

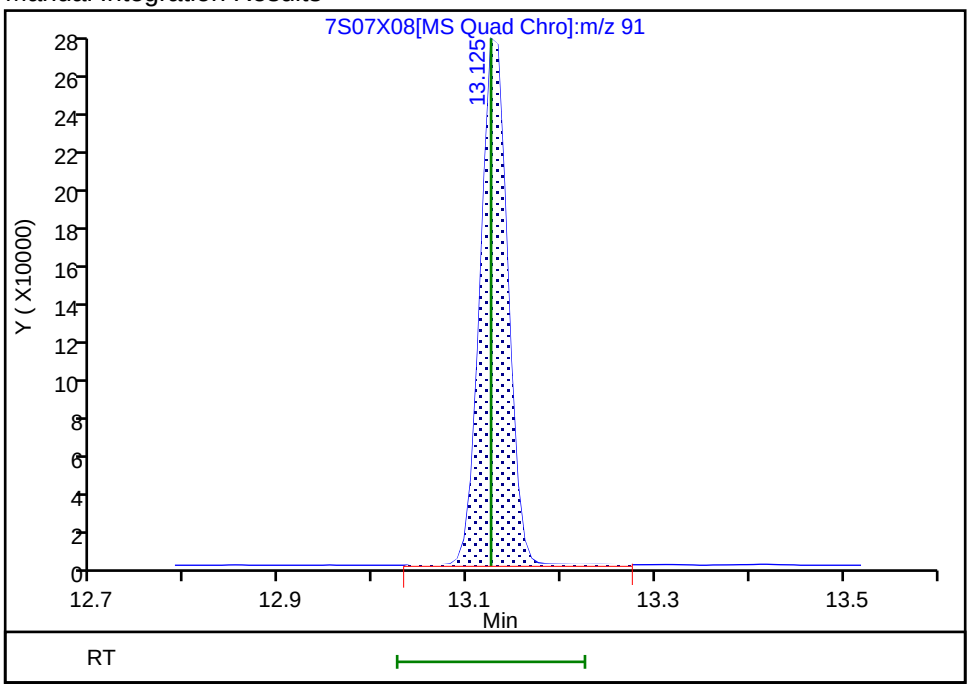
Not Detected
Expected RT: 13.12

Processing Integration Results




Manual Integration Results

RT: 13.12
Area: 566915
Amount: 4.623021
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:07:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

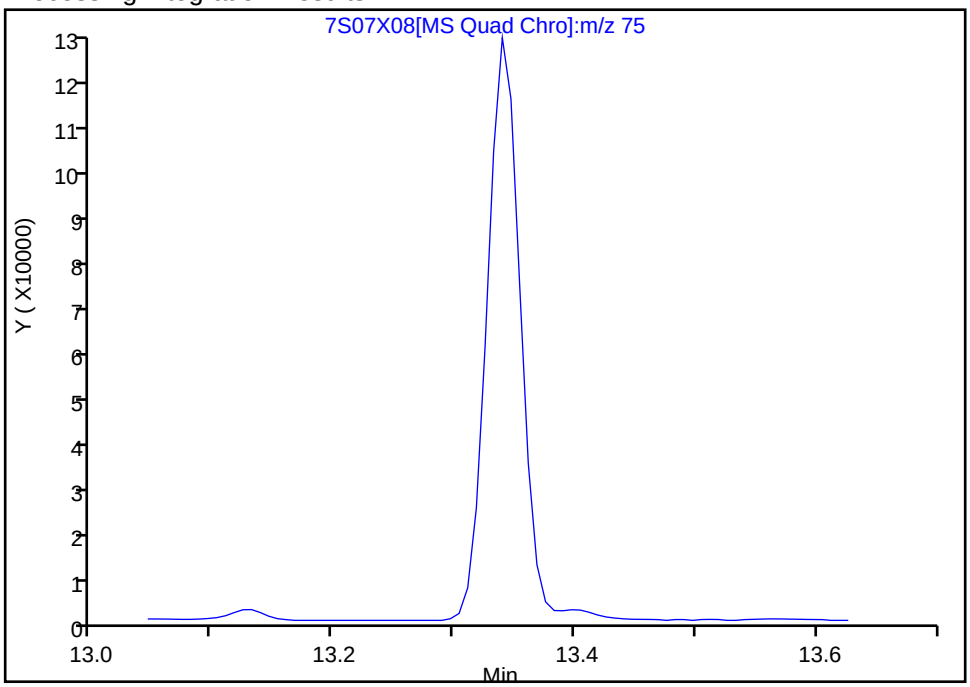
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

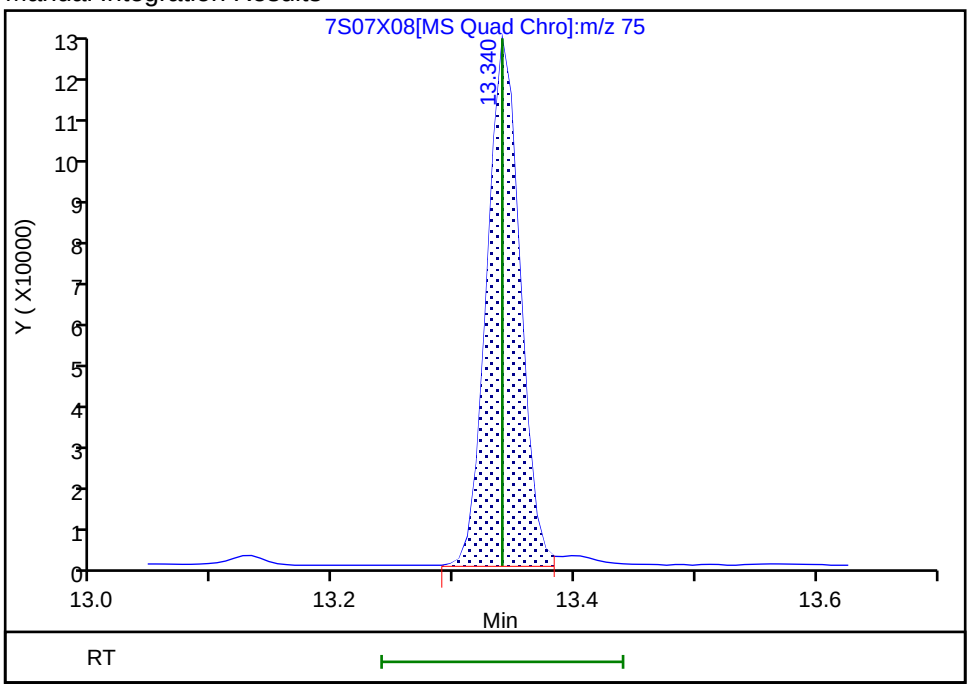
Not Detected
Expected RT: 13.34

Processing Integration Results




Manual Integration Results

RT: 13.34
Area: 229179
Amount: 4.660671
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:49 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

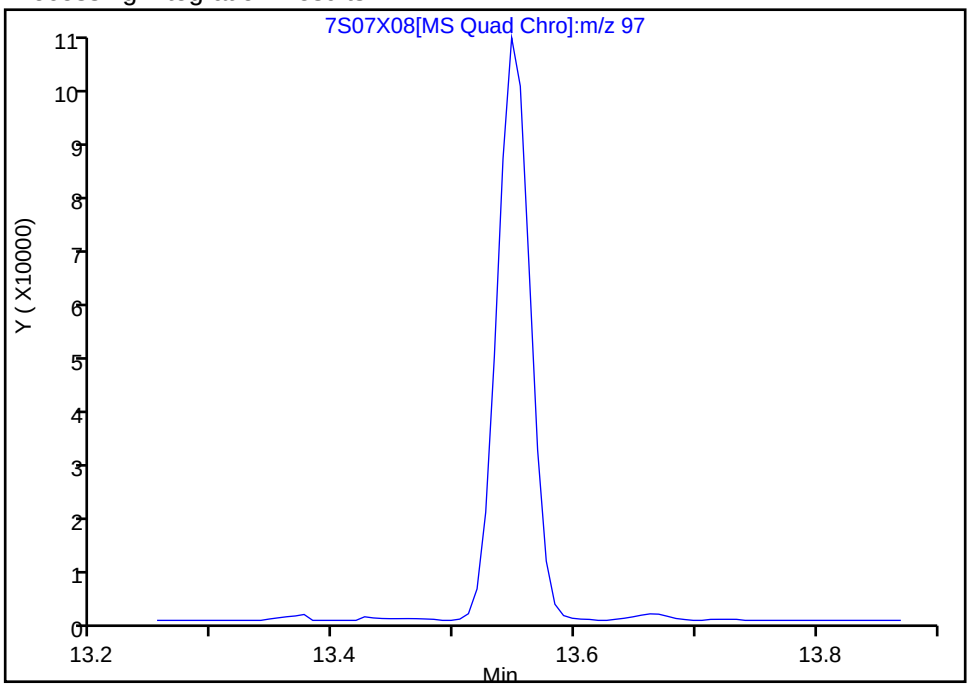
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

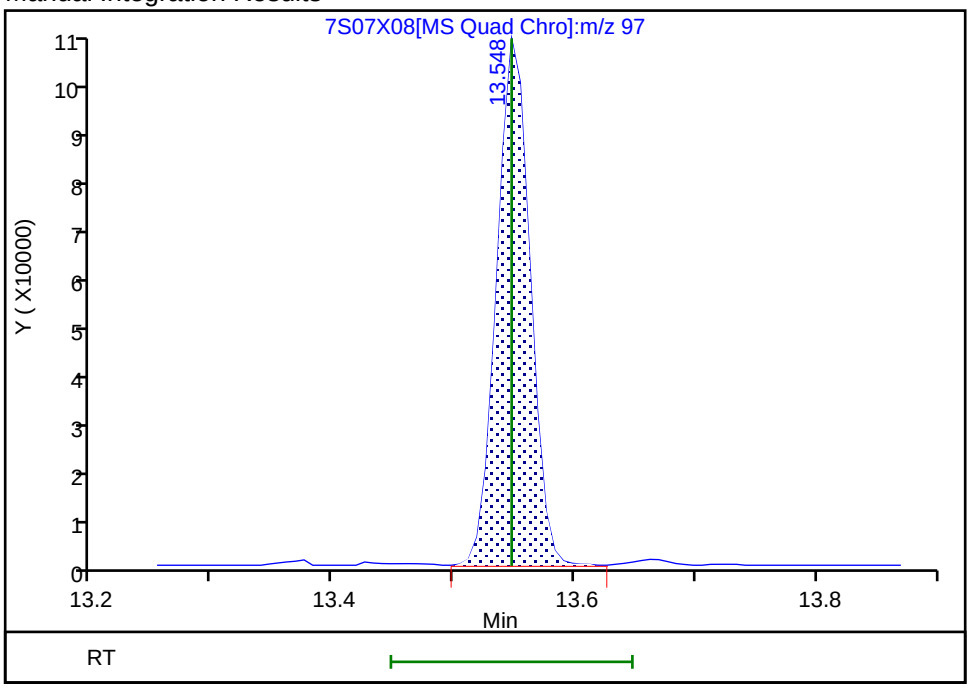
Not Detected
Expected RT: 13.55

Processing Integration Results




Manual Integration Results

RT: 13.55
Area: 200482
Amount: 4.868763
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

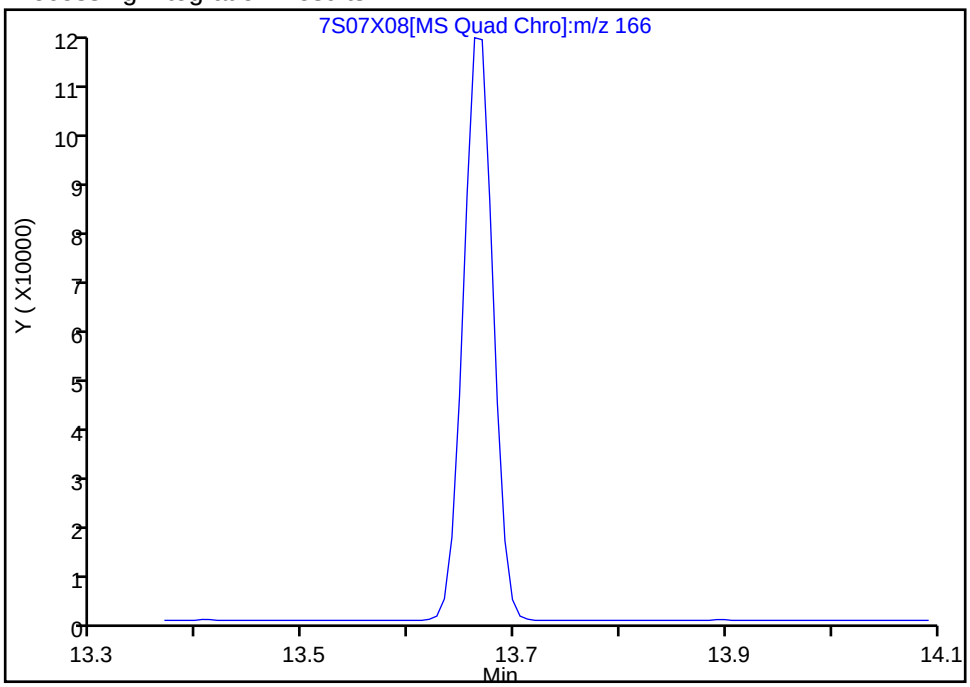
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 61 Tetrachloroethene, CAS: 127-18-4

Signal: 1

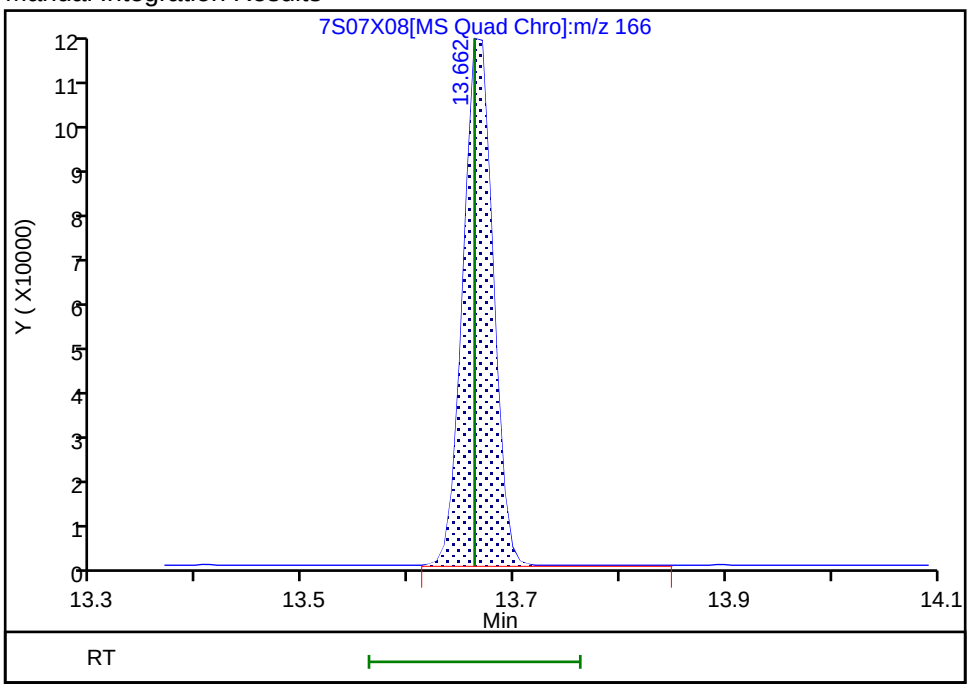
Not Detected
Expected RT: 13.66

Processing Integration Results




Manual Integration Results

RT: 13.66
Area: 231168
Amount: 4.375089
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

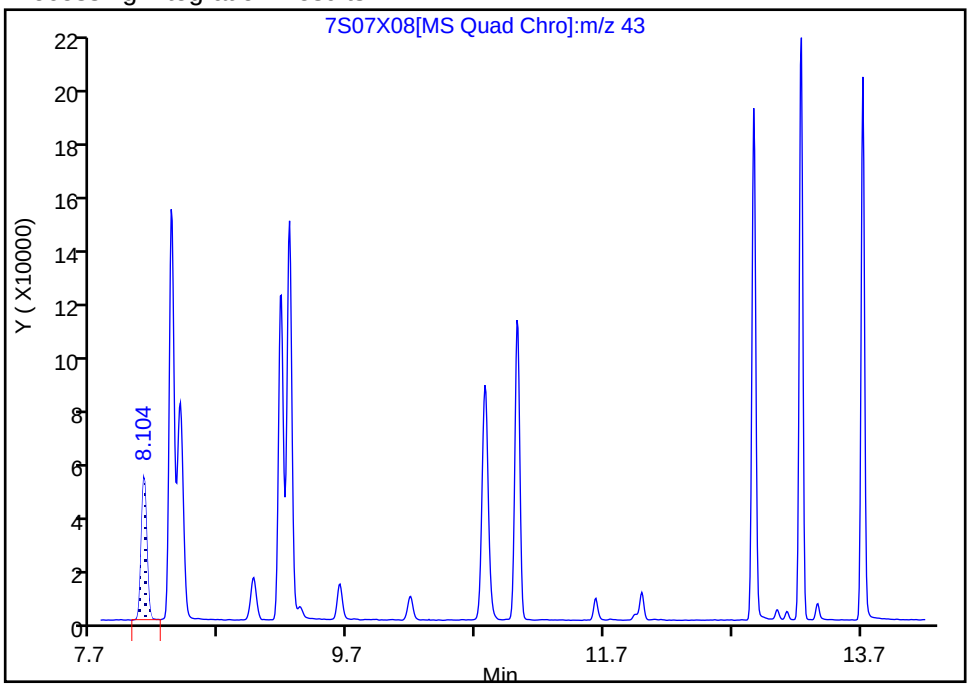
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

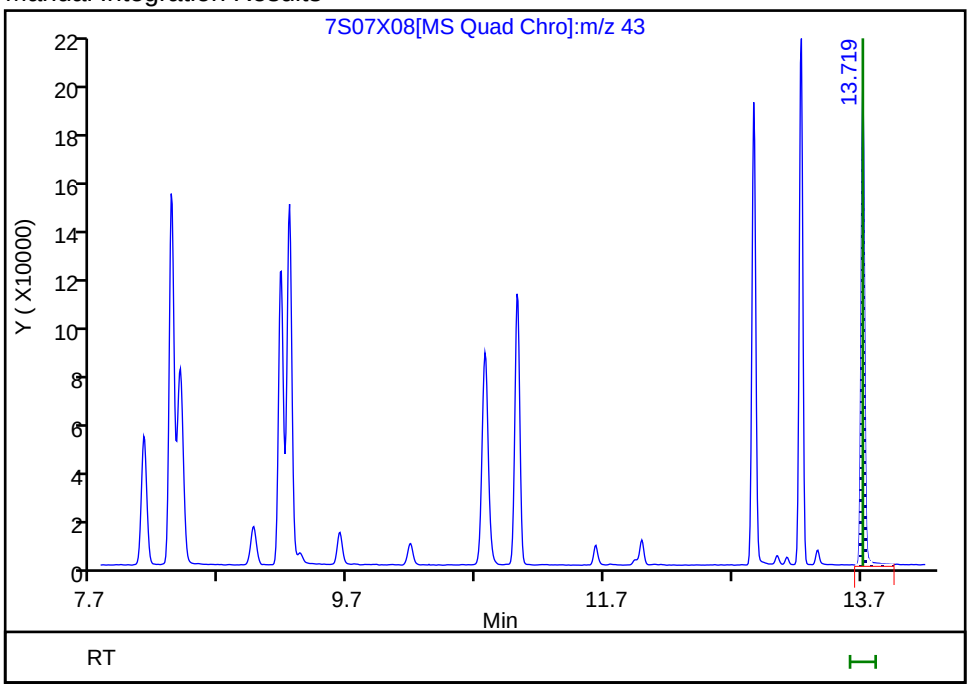
Processing Integration Results

RT: 8.10
Area: 158505
Amount: 3.812941
Amount Units: ppb v/v




Manual Integration Results

RT: 13.72
Area: 385122
Amount: 5.156134
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:56:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

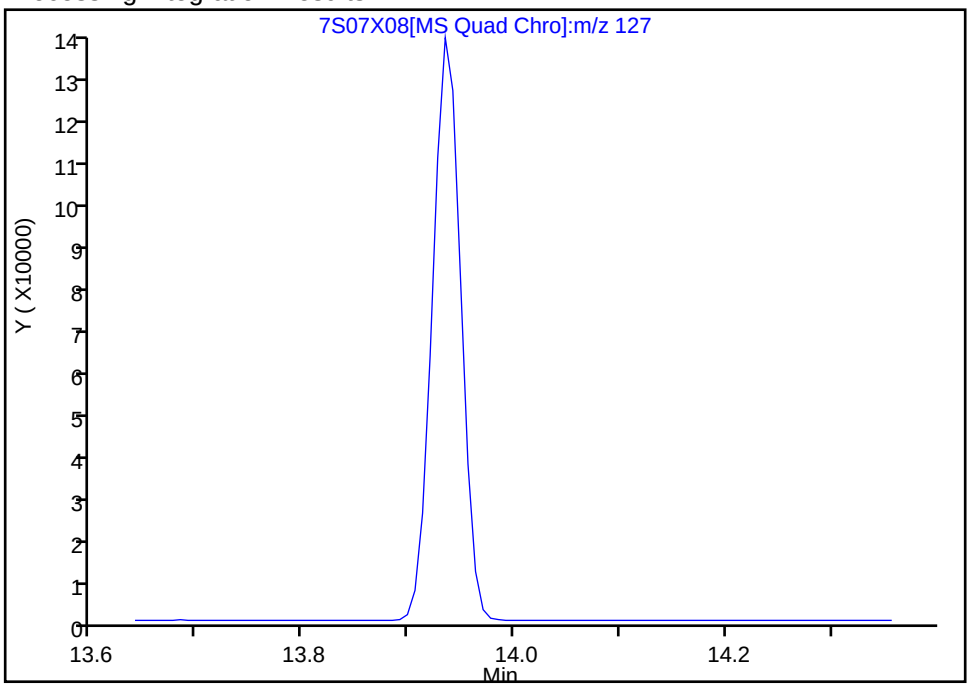
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 65 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

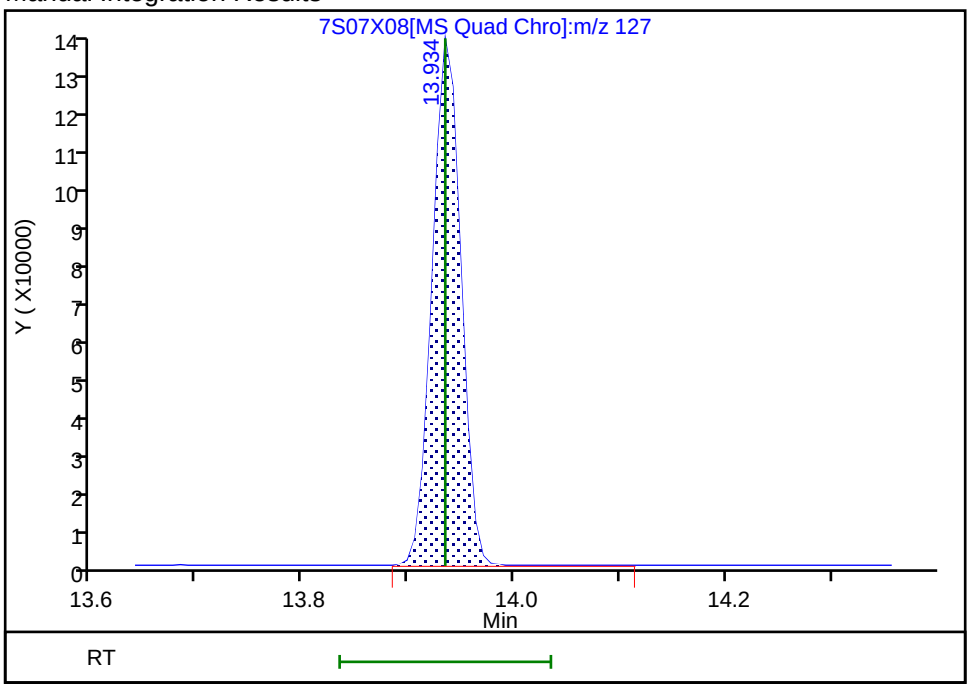
Not Detected
Expected RT: 13.93

Processing Integration Results




Manual Integration Results

RT: 13.93
Area: 251797
Amount: 4.759059
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:56:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

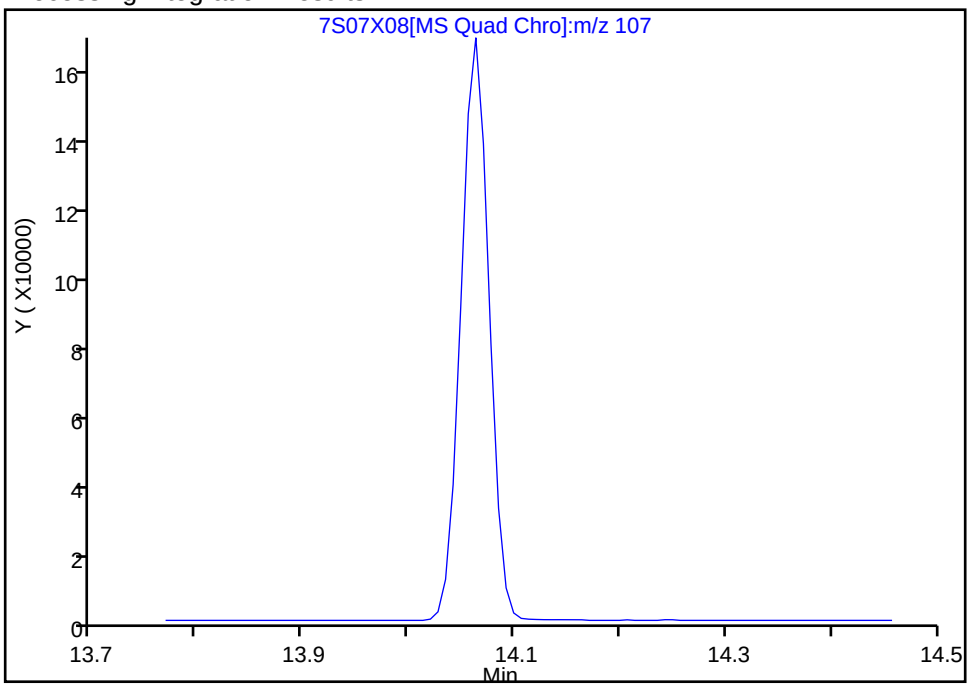
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 66 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

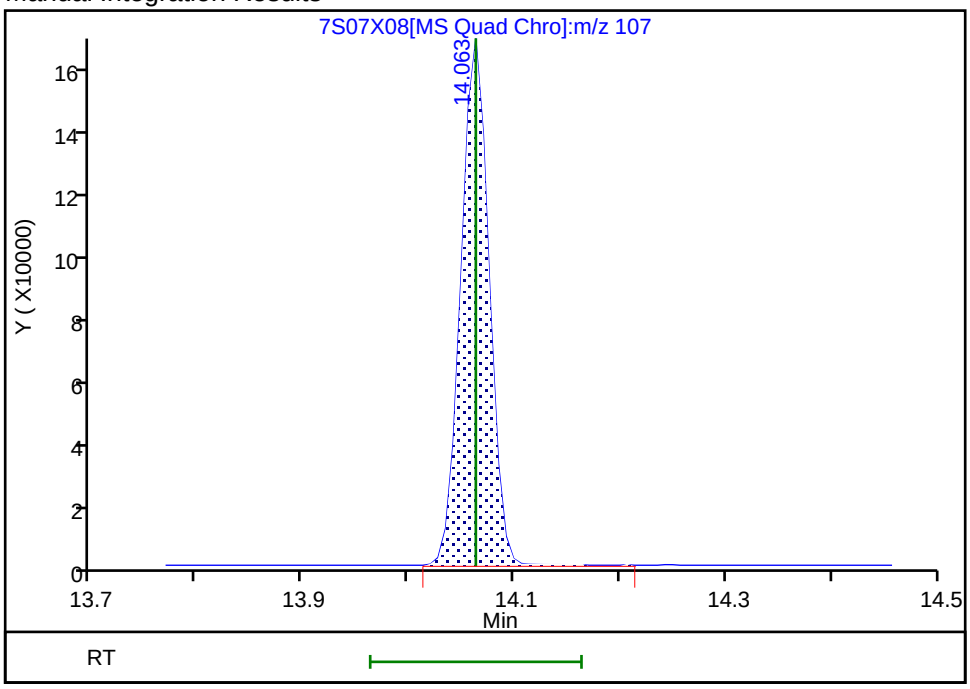
Not Detected
Expected RT: 14.06

Processing Integration Results




Manual Integration Results

RT: 14.06
Area: 296544
Amount: 4.801166
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

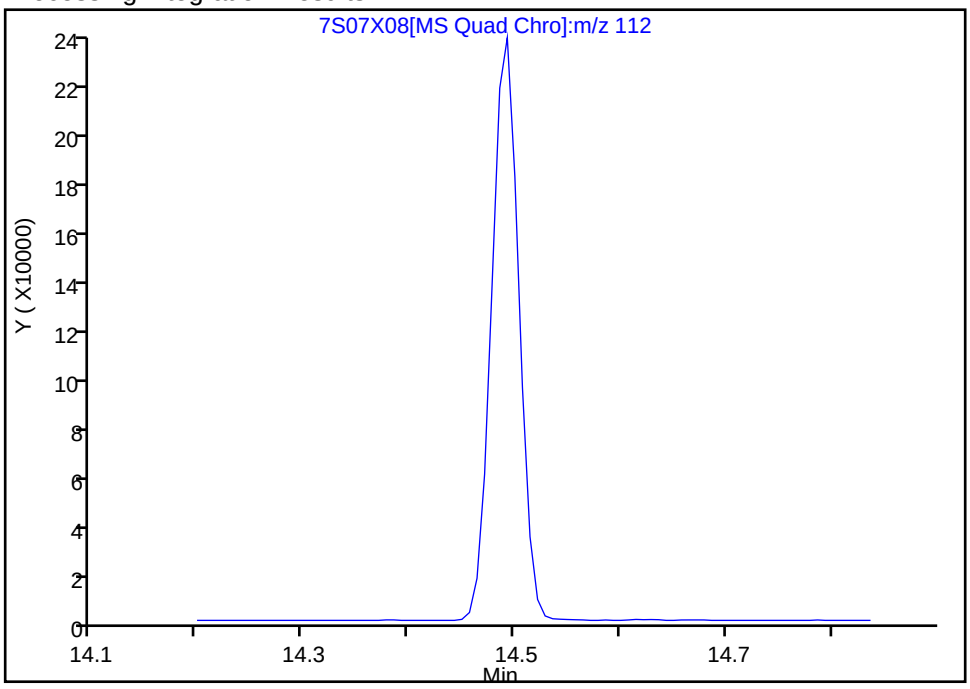
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 69 Chlorobenzene, CAS: 108-90-7

Signal: 1

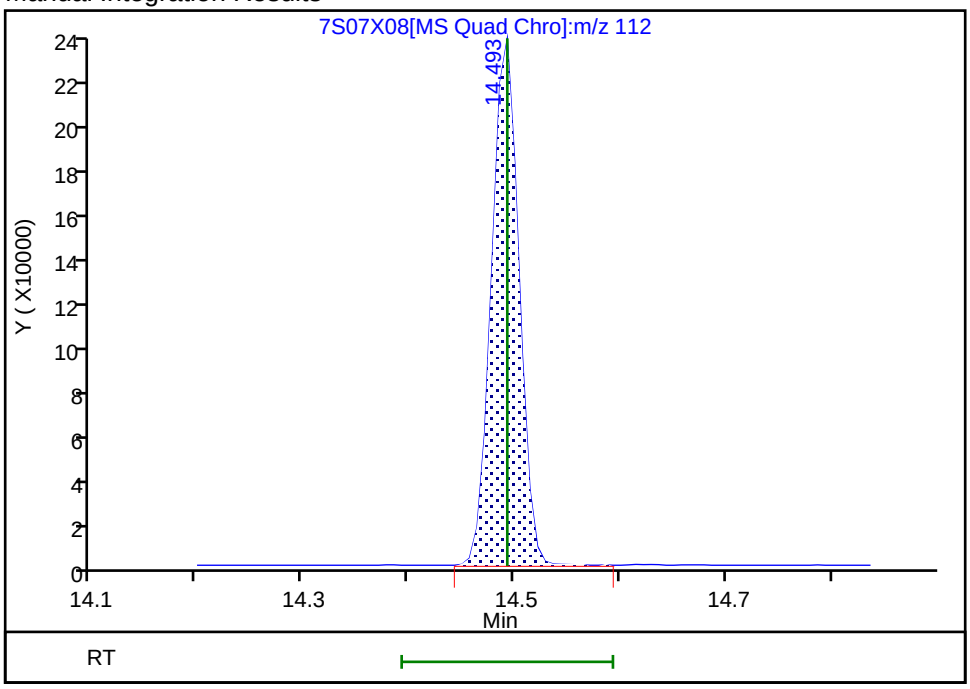
Not Detected
Expected RT: 14.49

Processing Integration Results




Manual Integration Results

RT: 14.49
Area: 416208
Amount: 4.482000
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

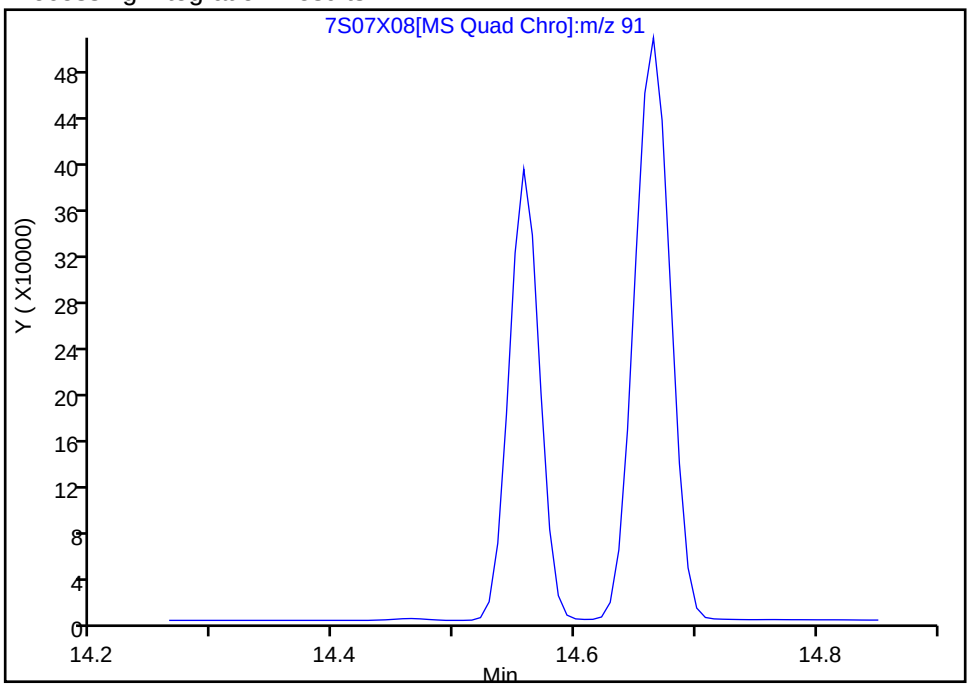
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4

Signal: 1

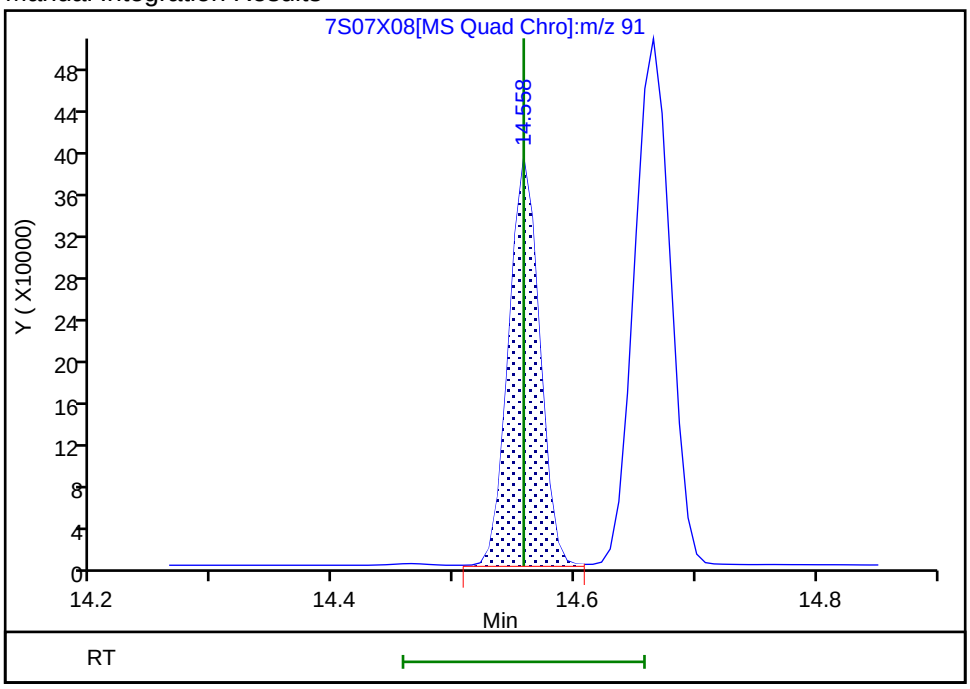
Not Detected
Expected RT: 14.56

Processing Integration Results




Manual Integration Results

RT: 14.56
Area: 694330
Amount: 4.689536
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:09:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

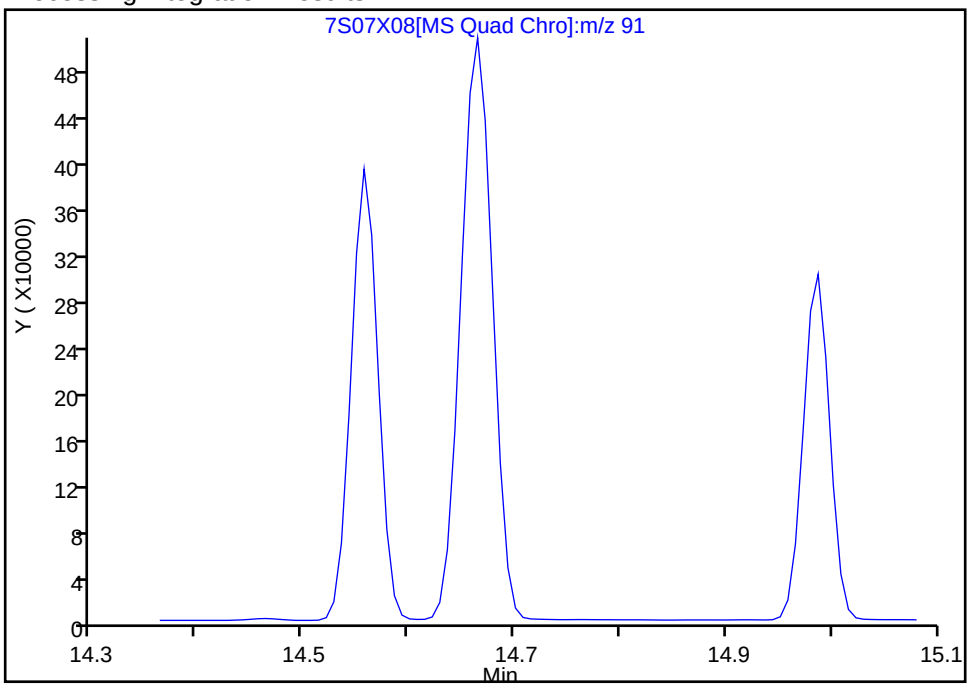
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

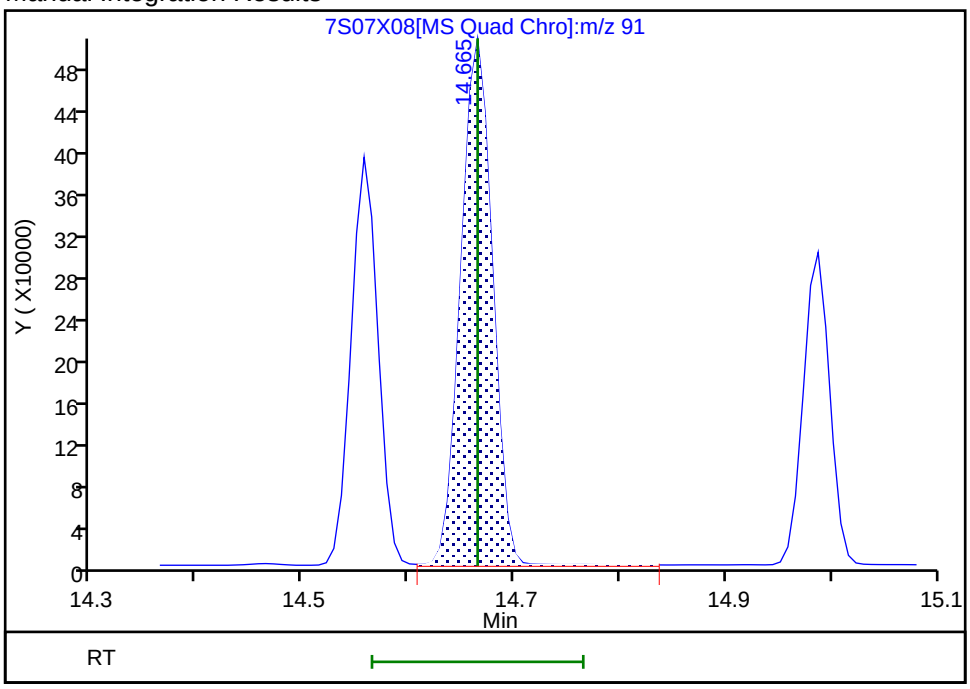
Not Detected
Expected RT: 14.66

Processing Integration Results




Manual Integration Results

RT: 14.66
Area: 1055613
Amount: 9.607499
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:09:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

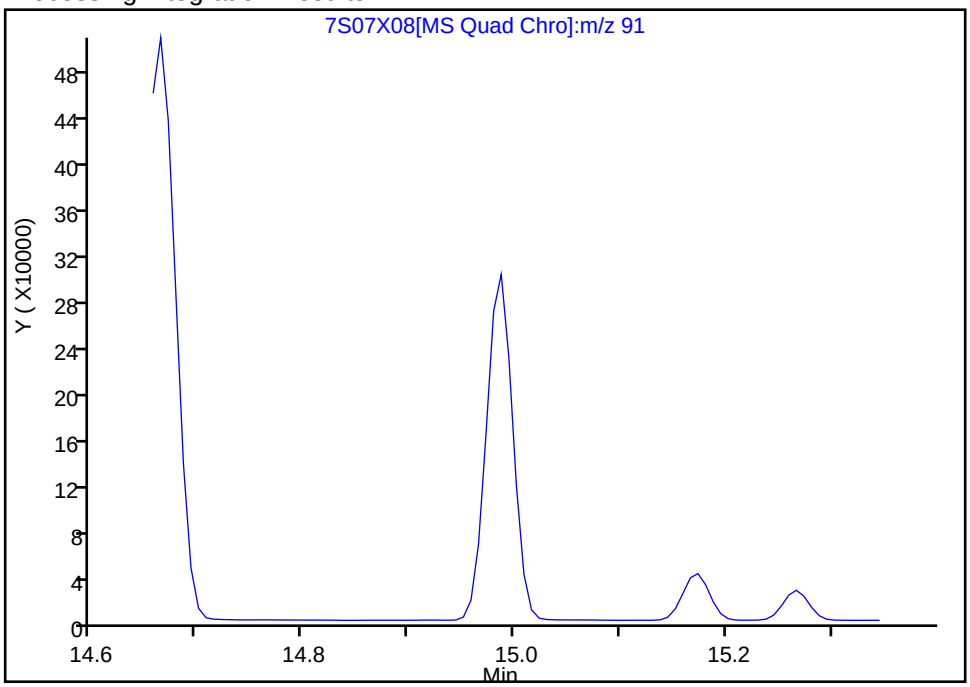
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 73 o-Xylene, CAS: 95-47-6

Signal: 1

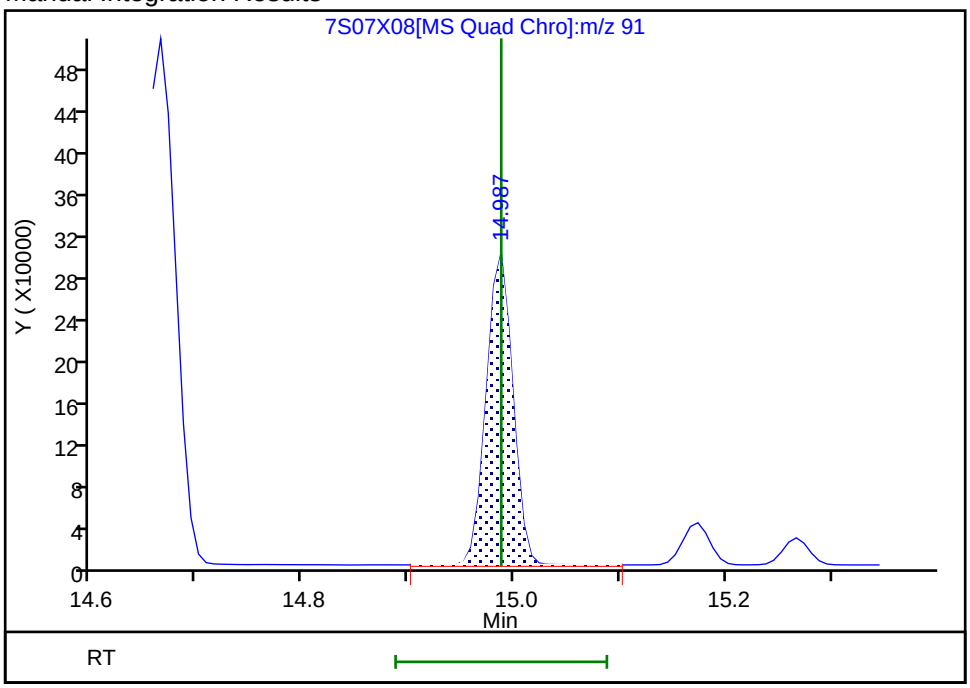
Not Detected
Expected RT: 14.99

Processing Integration Results




Manual Integration Results

RT: 14.99
Area: 528301
Amount: 4.837389
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

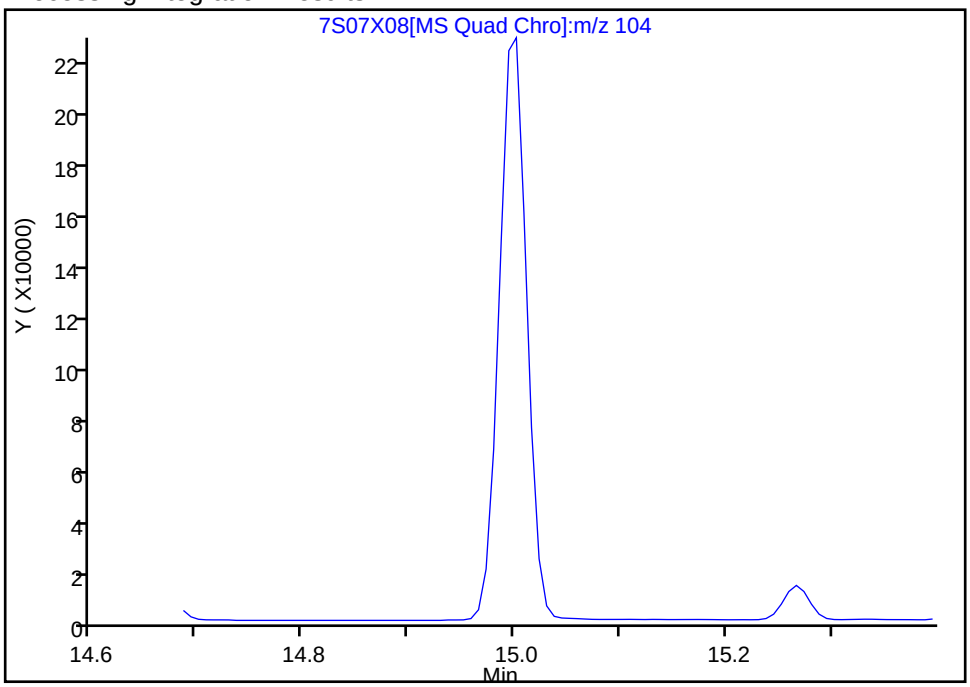
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5

Signal: 1

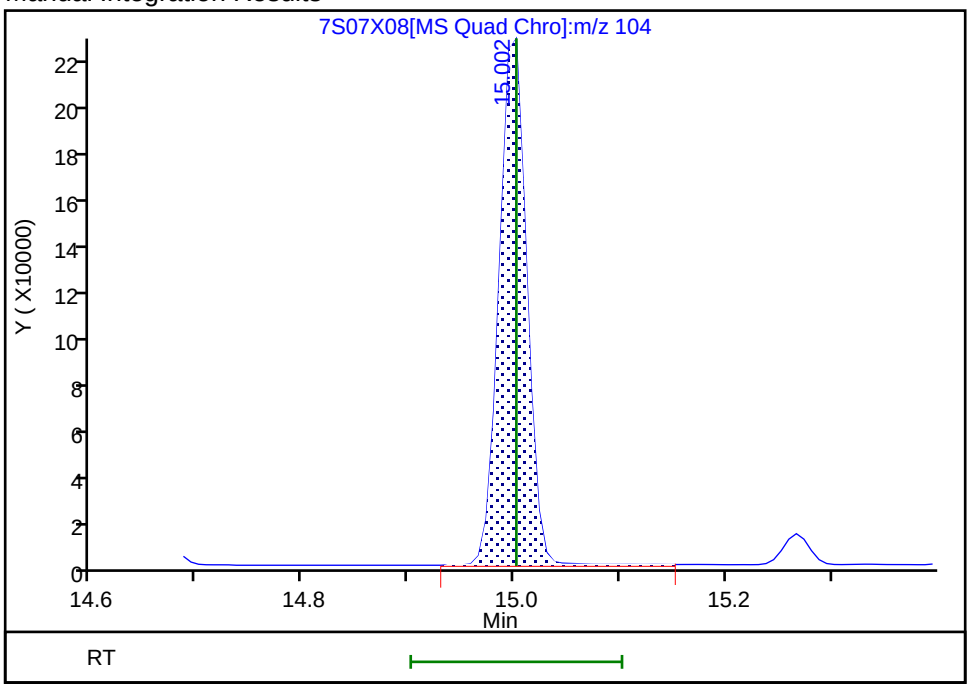
Not Detected
Expected RT: 15.00

Processing Integration Results




Manual Integration Results

RT: 15.00
Area: 400416
Amount: 5.046703
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

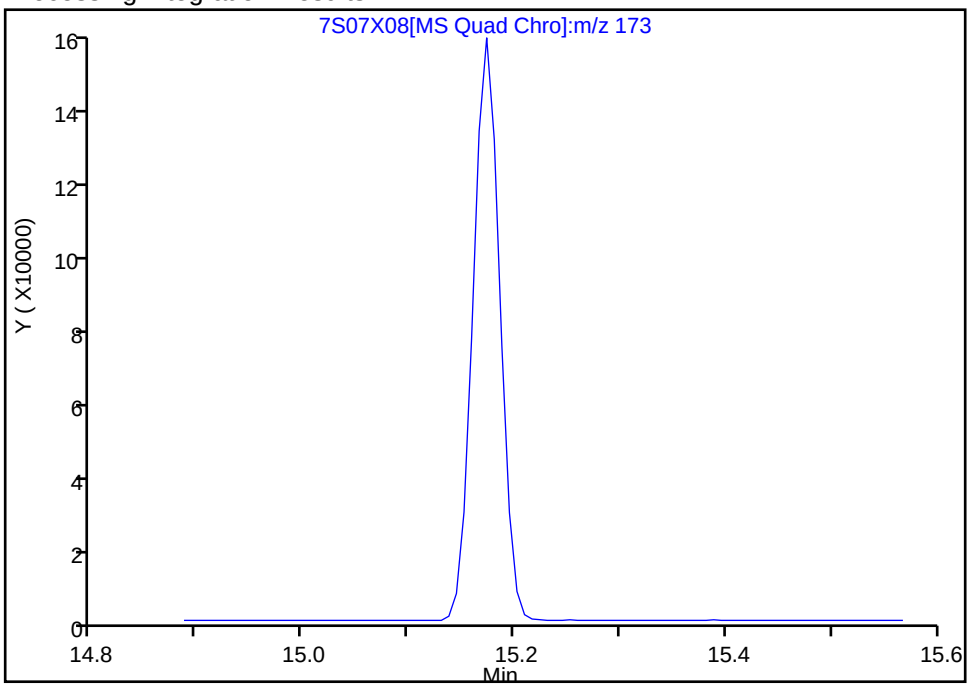
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 75 Bromoform, CAS: 75-25-2

Signal: 1

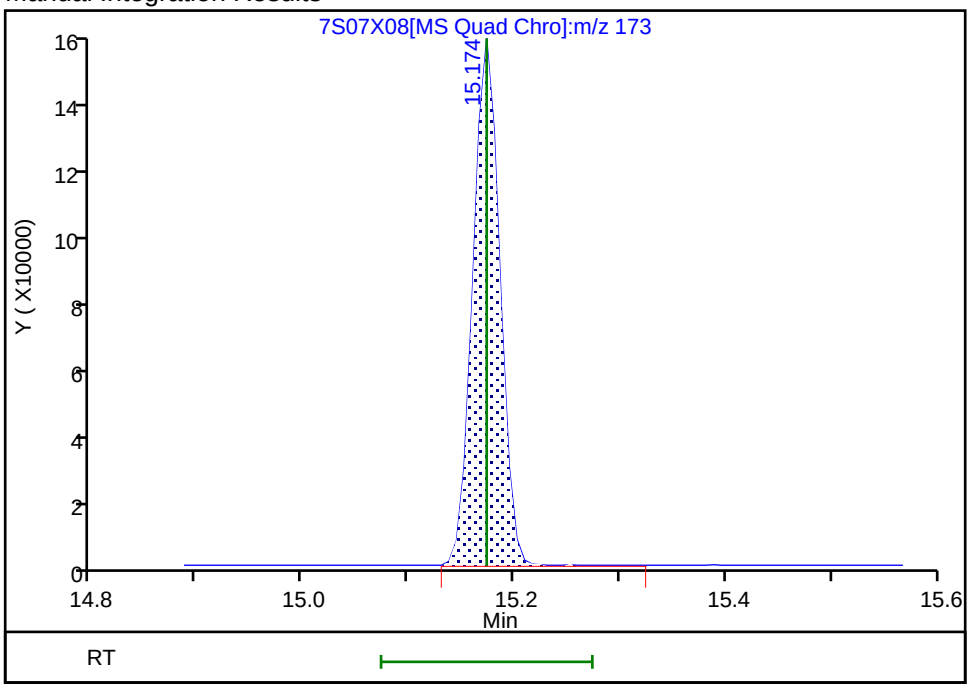
Not Detected
Expected RT: 15.17

Processing Integration Results




Manual Integration Results

RT: 15.17
Area: 278524
Amount: 4.861194
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

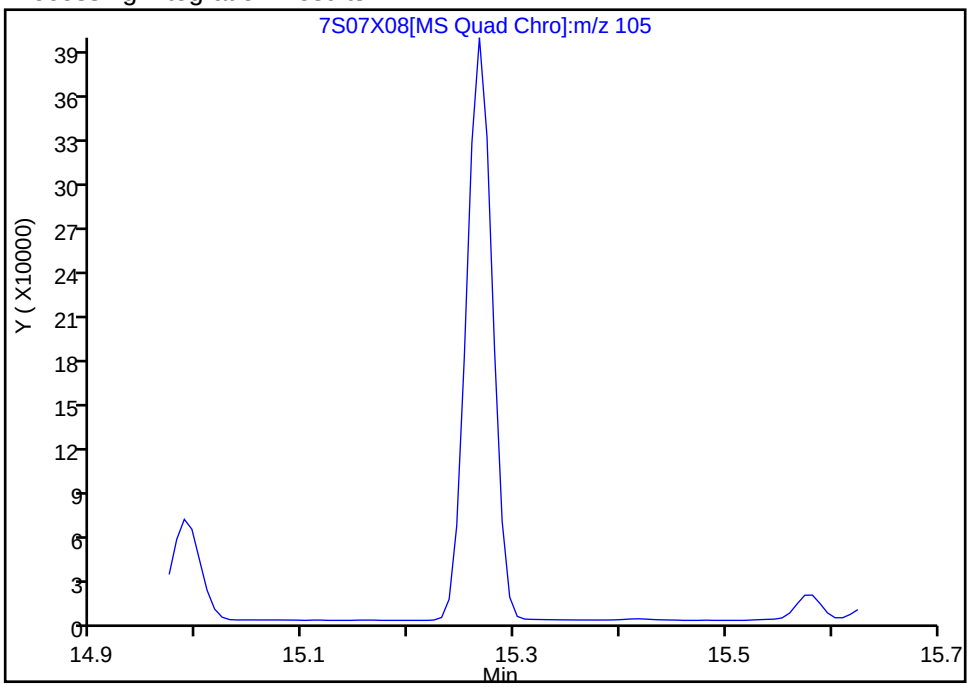
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 76 Isopropylbenzene, CAS: 98-82-8

Signal: 1

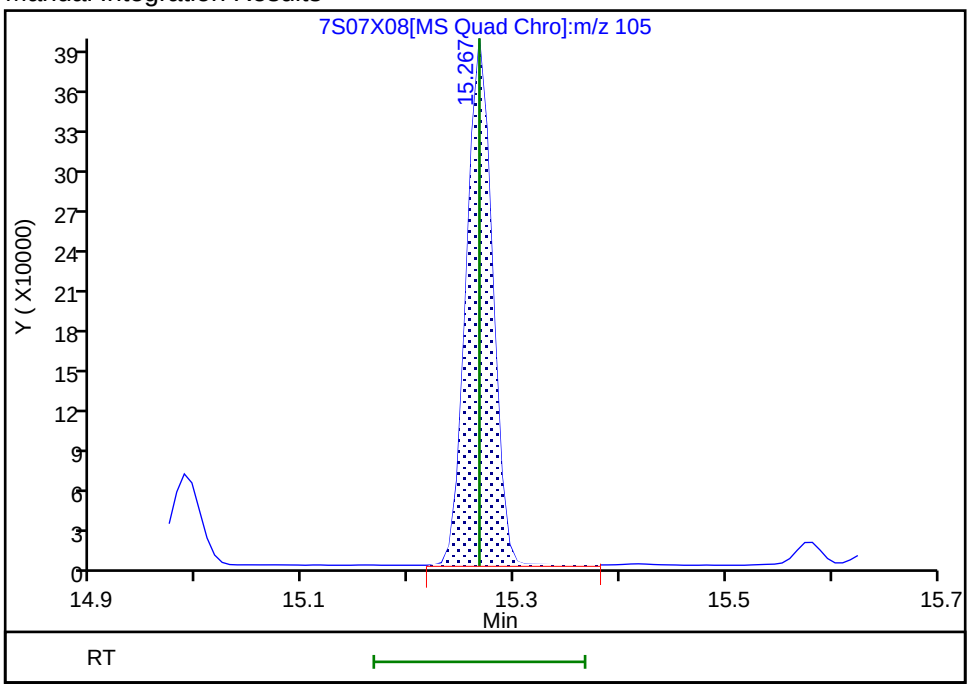
Not Detected
Expected RT: 15.27

Processing Integration Results




Manual Integration Results

RT: 15.27
Area: 684463
Amount: 5.004552
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

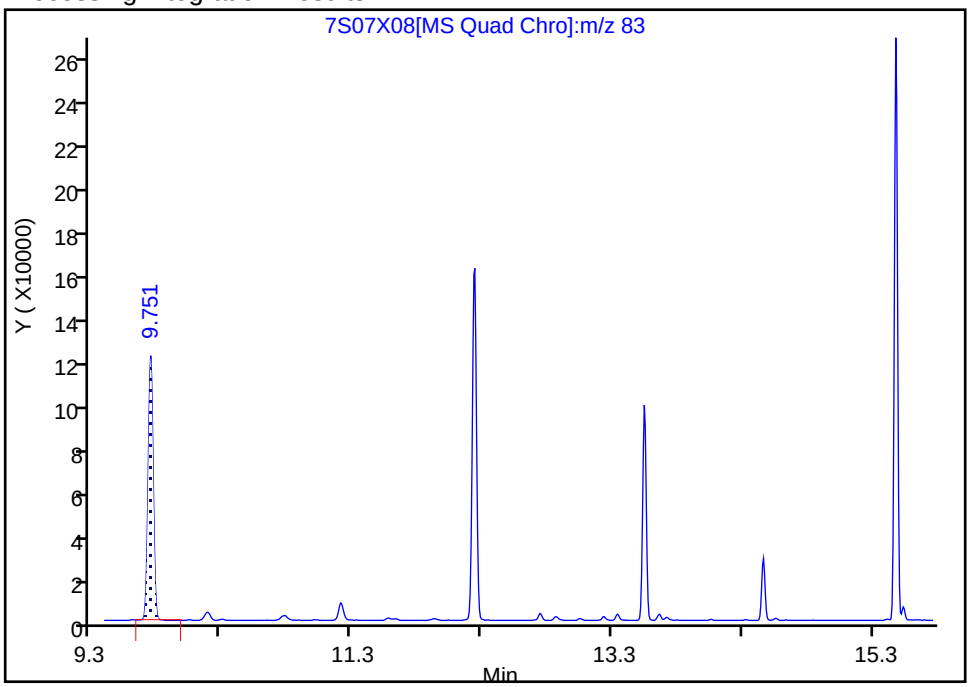
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

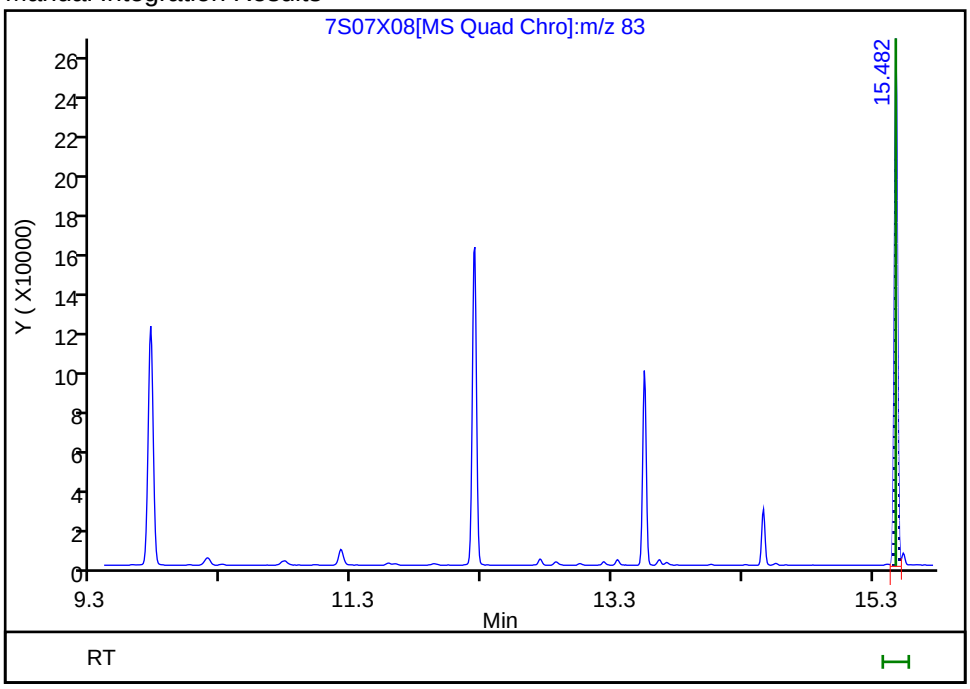
Processing Integration Results

RT: 9.75
Area: 320439
Amount: 4.585038
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 449534
Amount: 4.788068
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:57 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

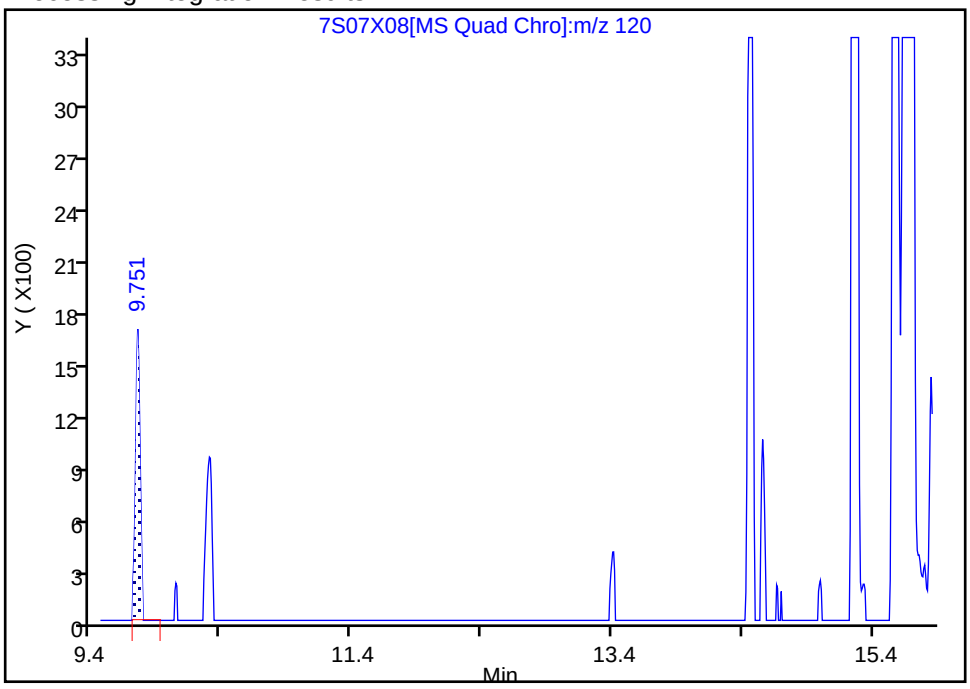
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 77 N-Propylbenzene, CAS: 103-65-1

Signal: 1

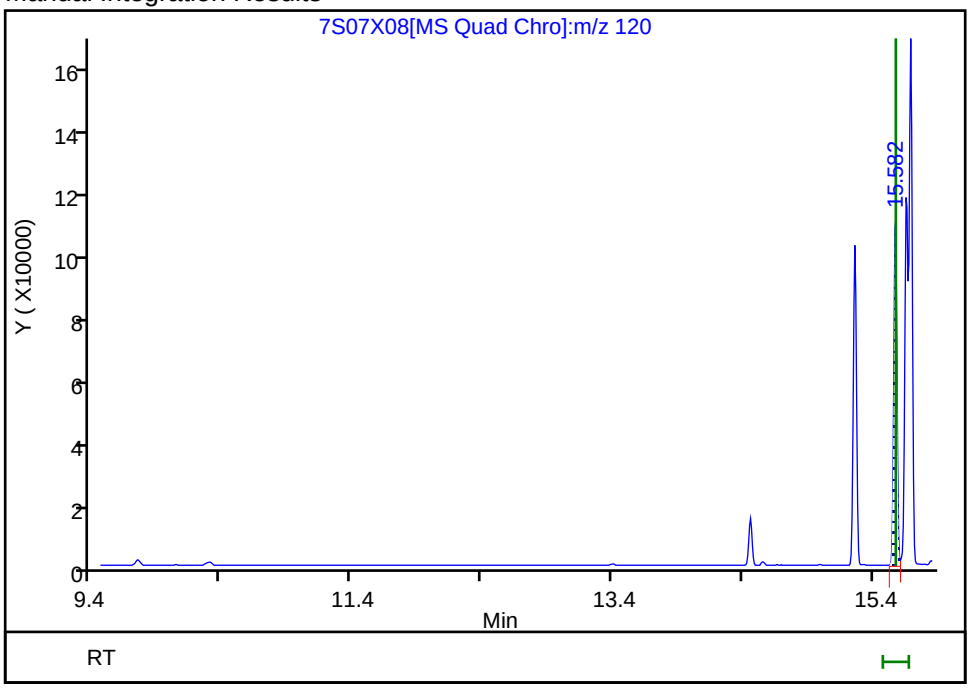
Processing Integration Results

RT: 9.75
Area: 4144
Amount: 4.791016
Amount Units: ppb v/v




Manual Integration Results

RT: 15.58
Area: 186166
Amount: 5.014163
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:58:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

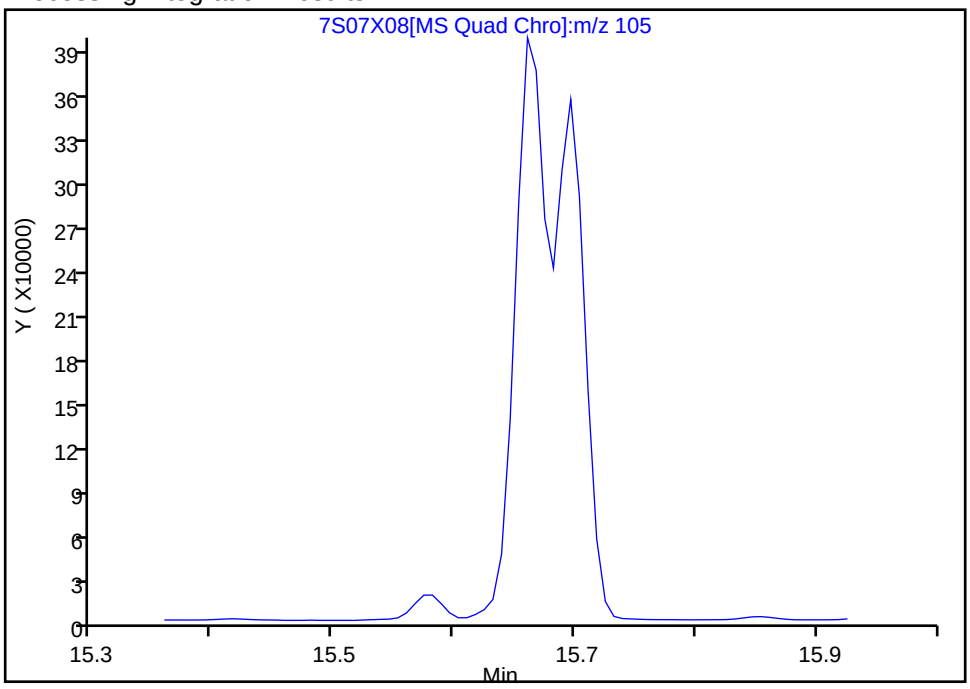
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

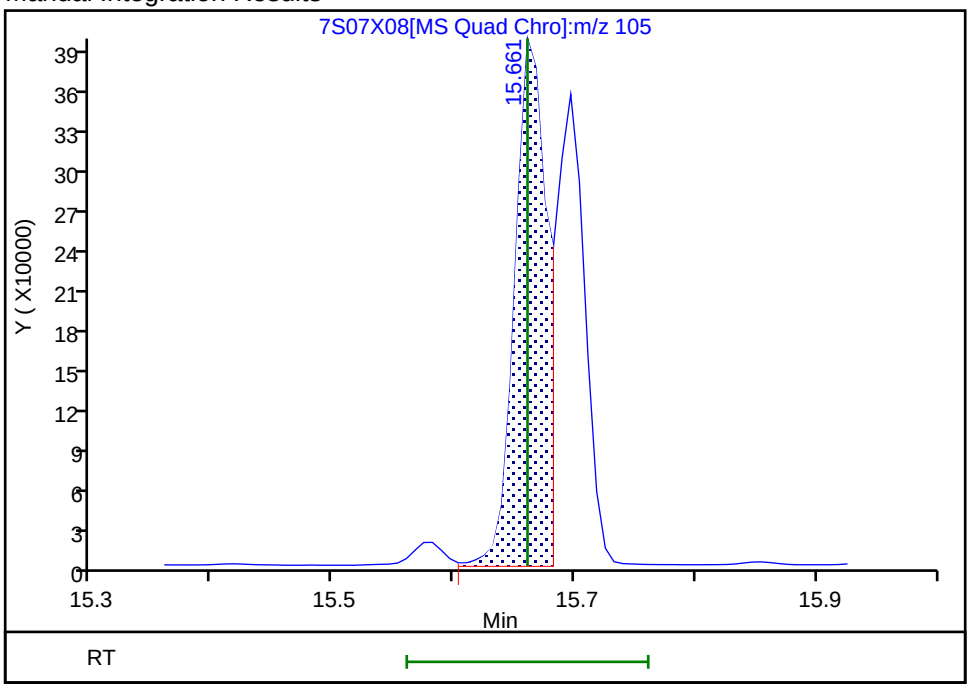
Not Detected
Expected RT: 15.66

Processing Integration Results




Manual Integration Results

RT: 15.66
Area: 715751
Amount: 5.238330
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:12:51 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

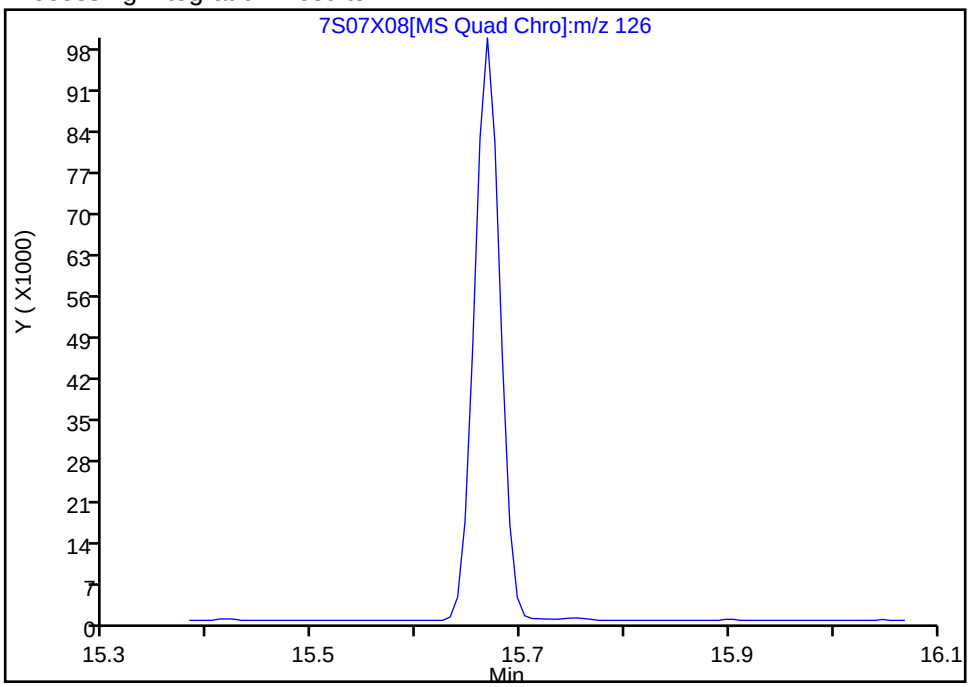
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 81 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

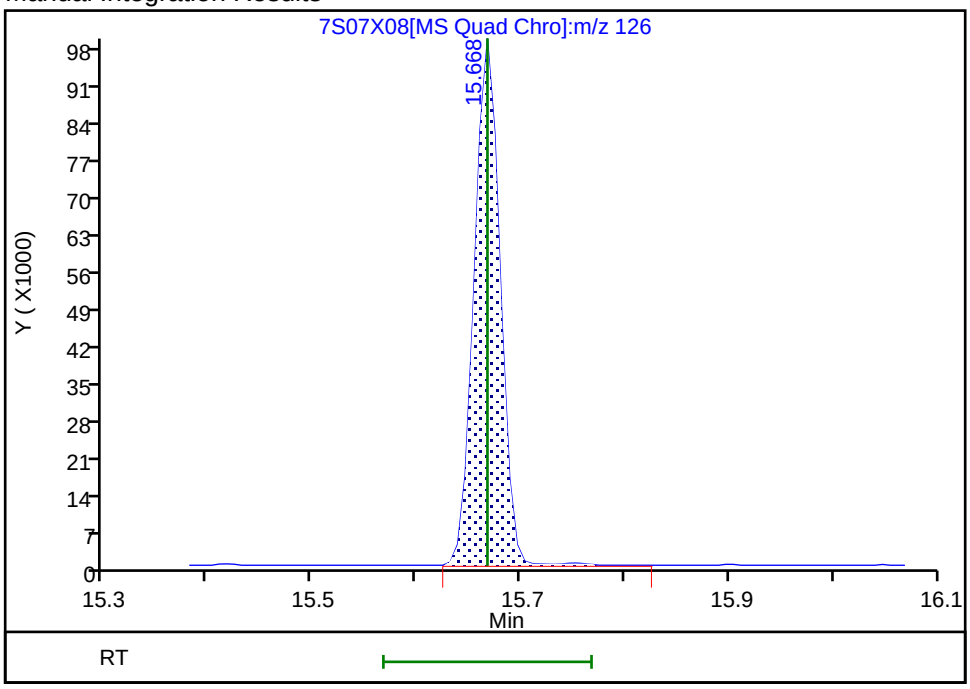
Not Detected
Expected RT: 15.67

Processing Integration Results




Manual Integration Results

RT: 15.67
Area: 171546
Amount: 4.840700
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:12:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

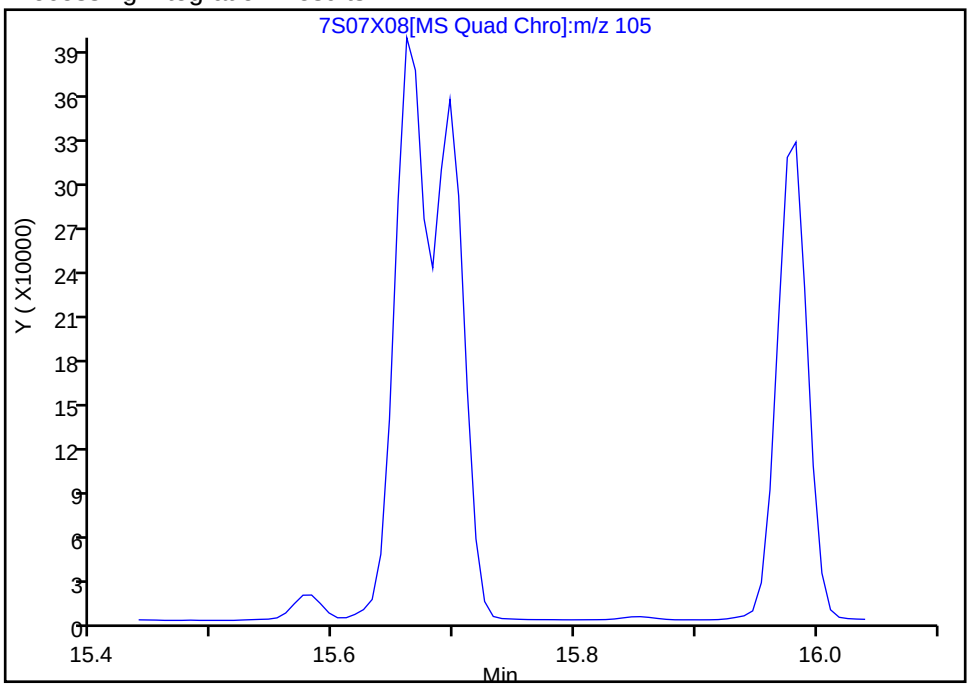
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

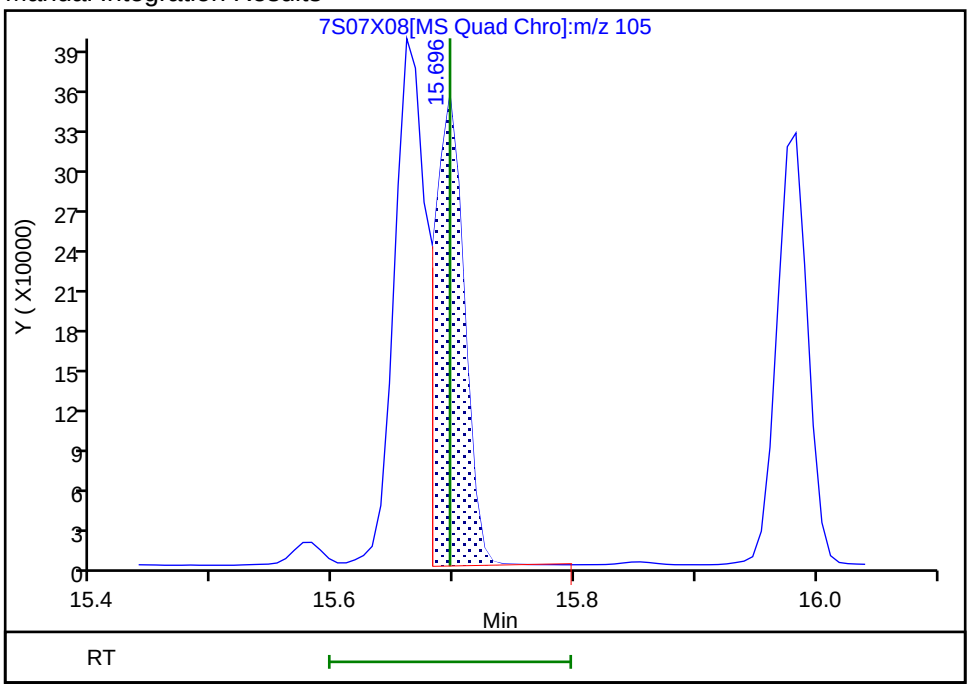
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 560860
Amount: 5.127455
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:05 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

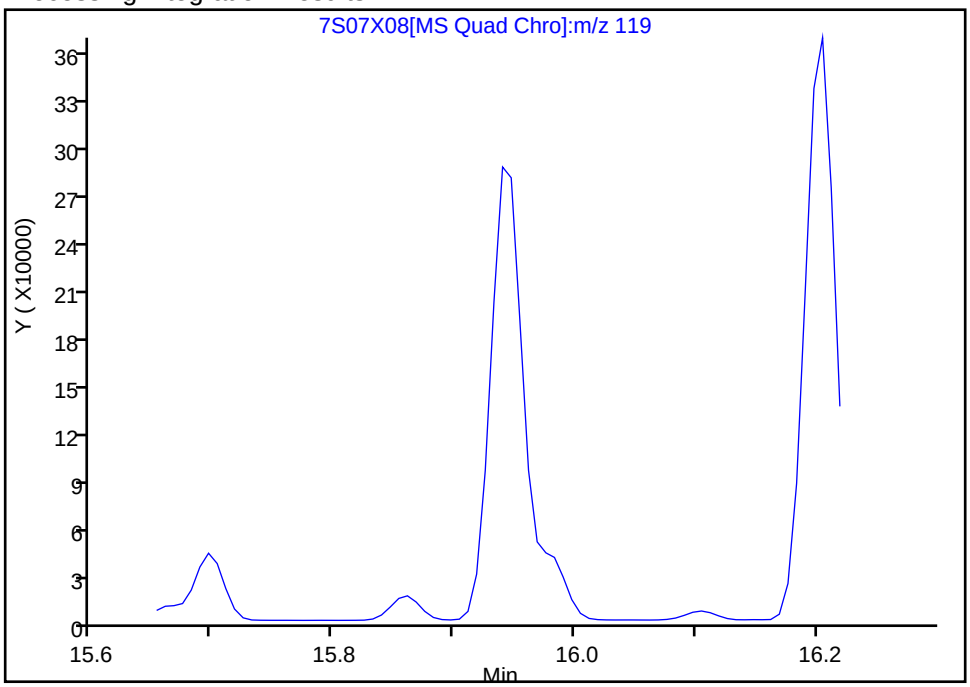
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

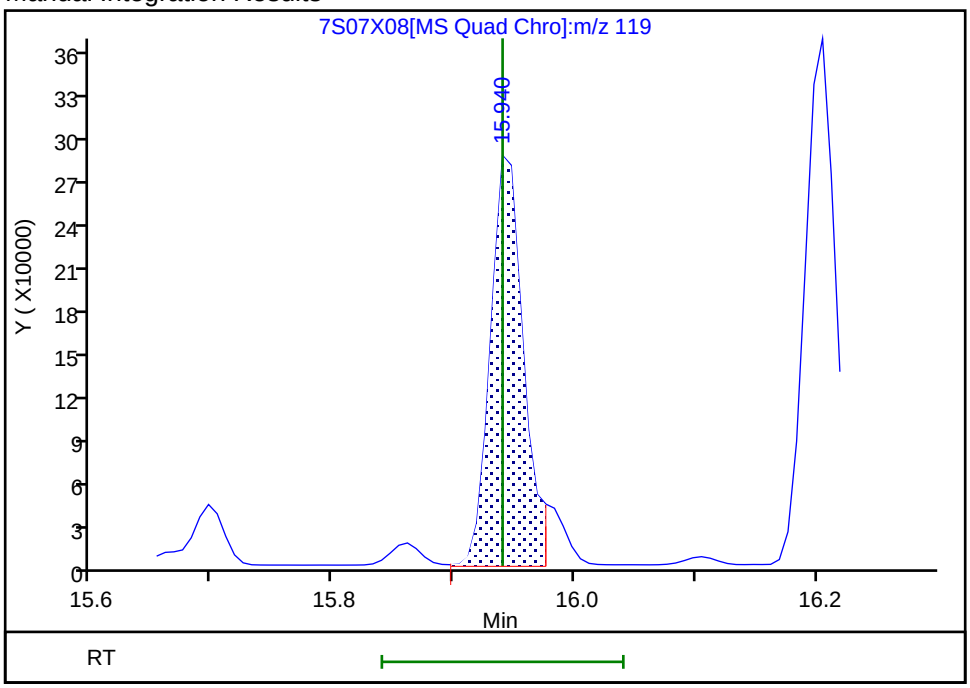
Not Detected
Expected RT: 15.94

Processing Integration Results




Manual Integration Results

RT: 15.94
Area: 538106
Amount: 4.937946
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:21:04 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

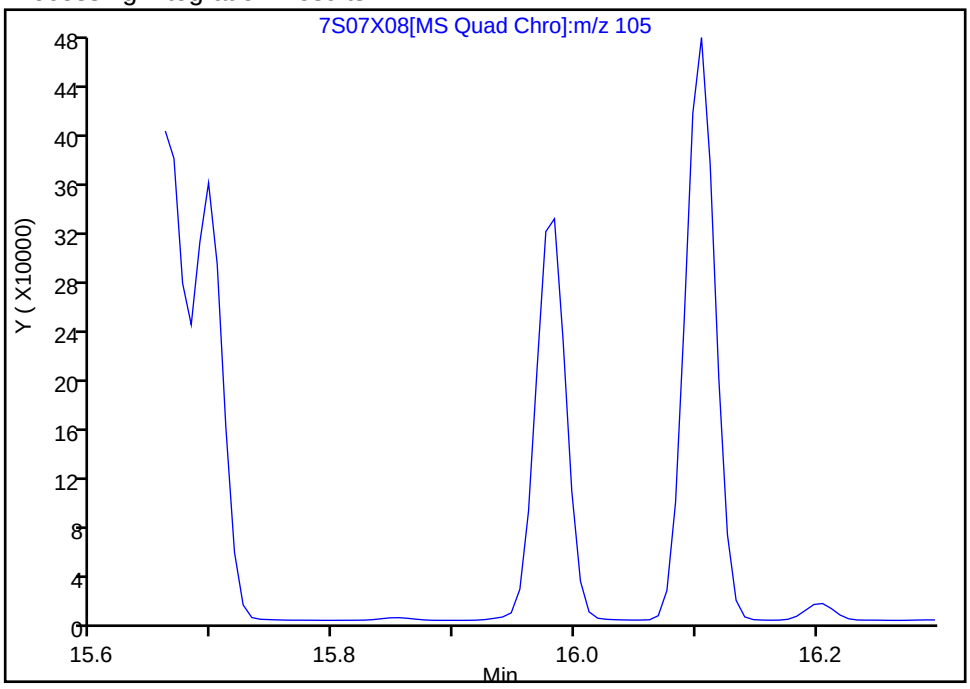
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

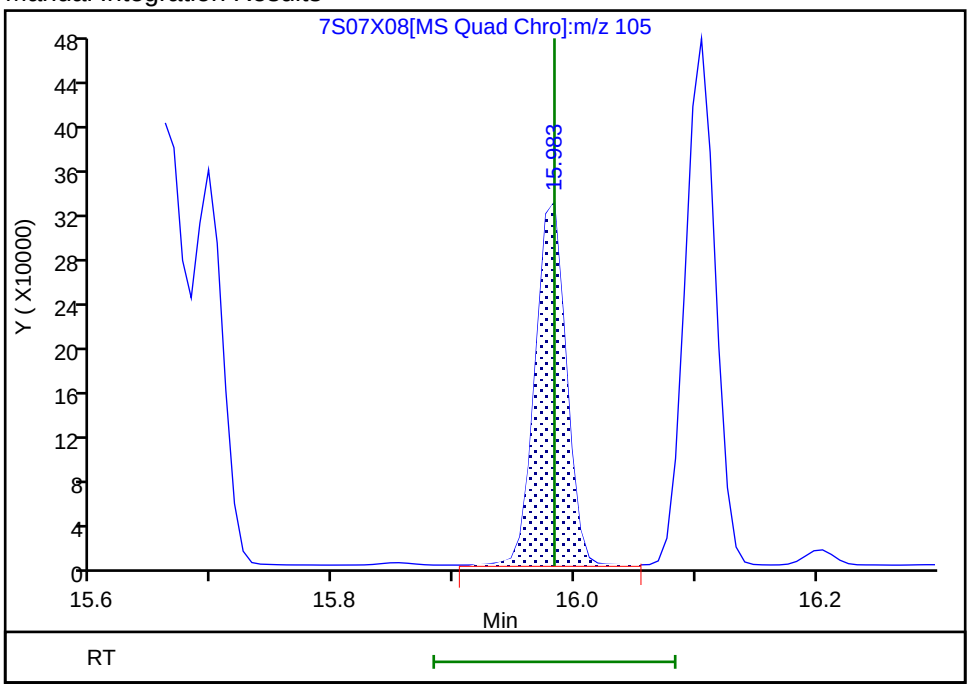
Not Detected
Expected RT: 15.98

Processing Integration Results




Manual Integration Results

RT: 15.98
Area: 580420
Amount: 5.020802
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

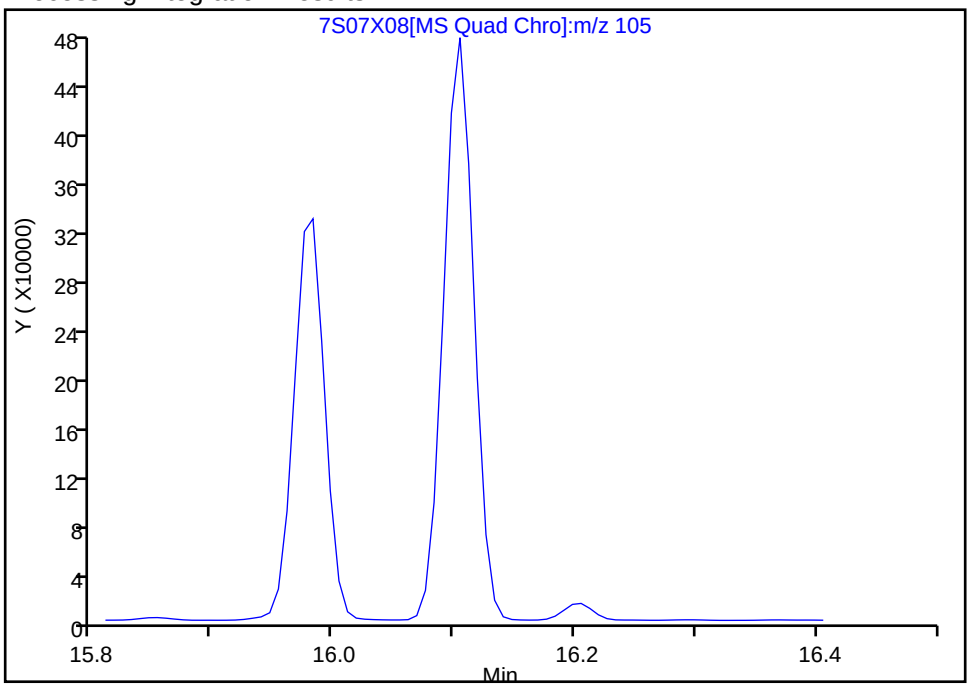
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

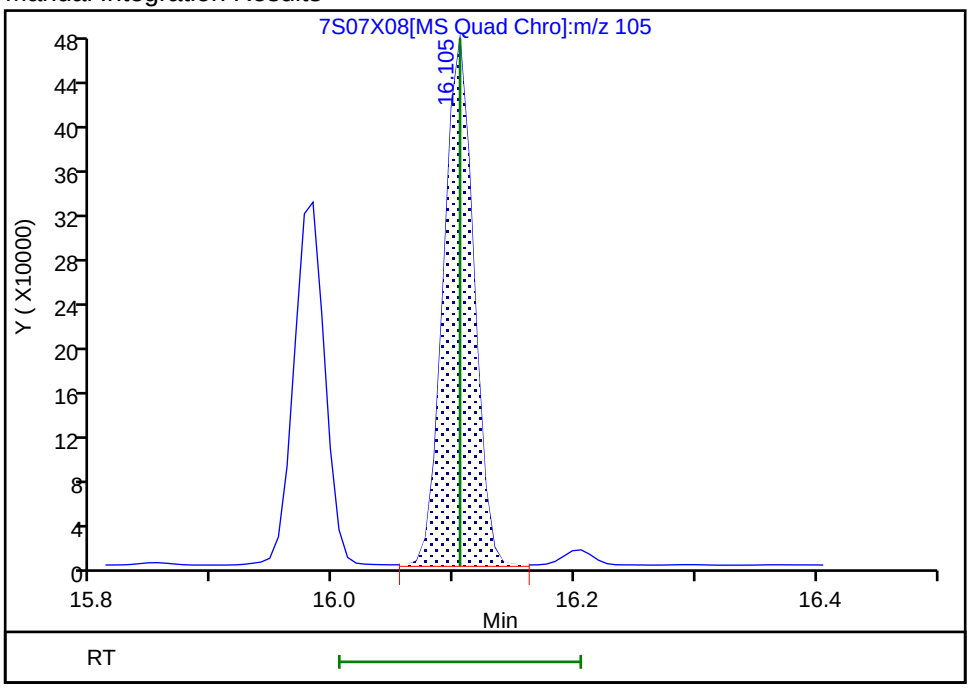
Not Detected
Expected RT: 16.10

Processing Integration Results




Manual Integration Results

RT: 16.10
Area: 822037
Amount: 4.957821
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

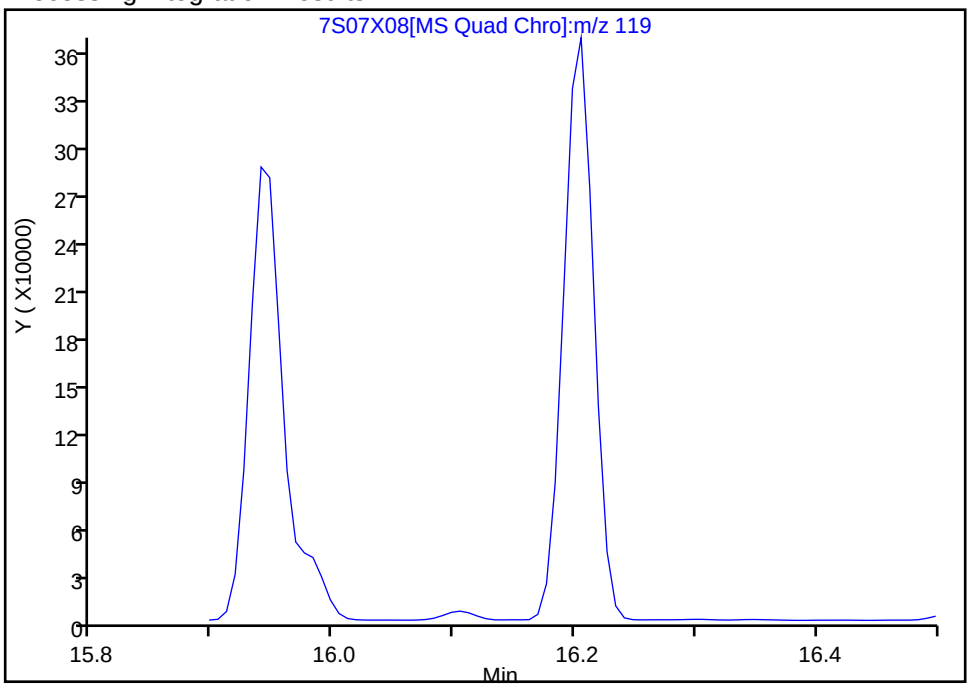
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

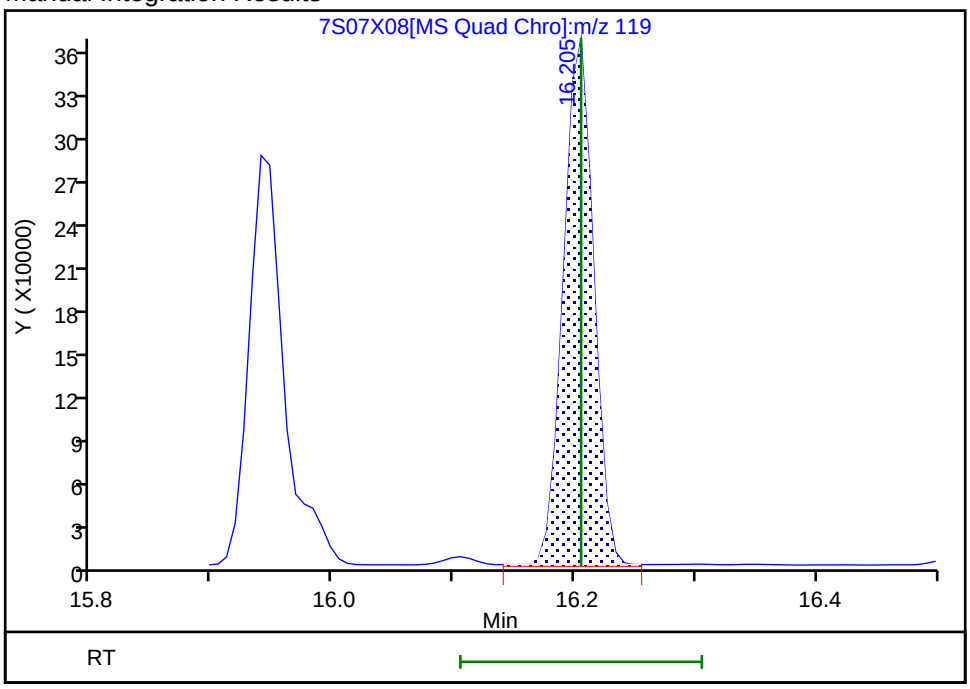
Processing Integration Results

Not Detected
Expected RT: 16.21




Manual Integration Results

RT: 16.21
Area: 640613
Amount: 4.868743
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

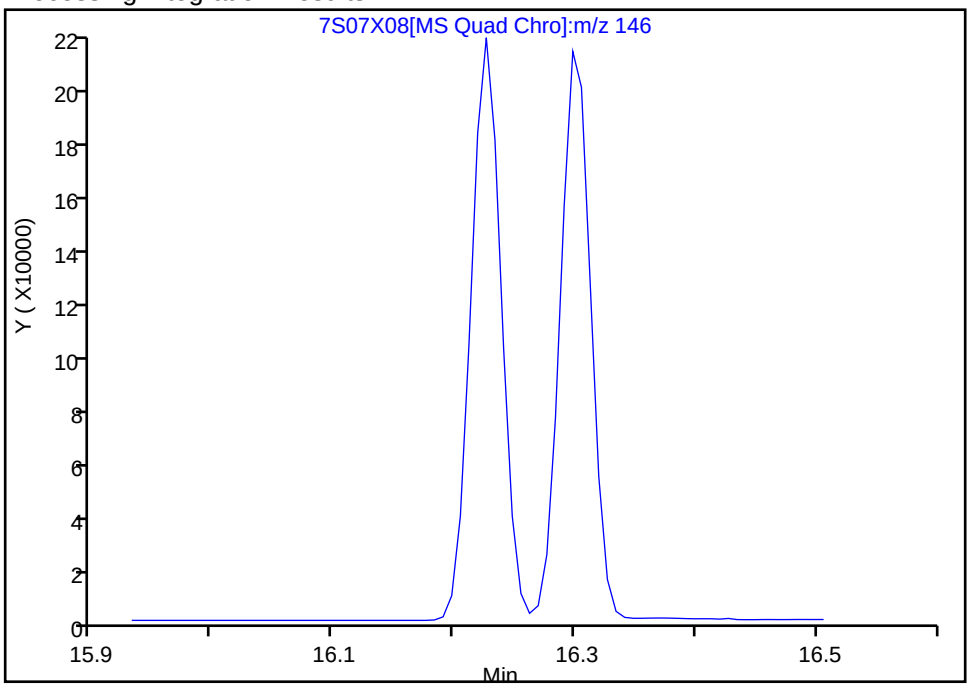
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 89 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

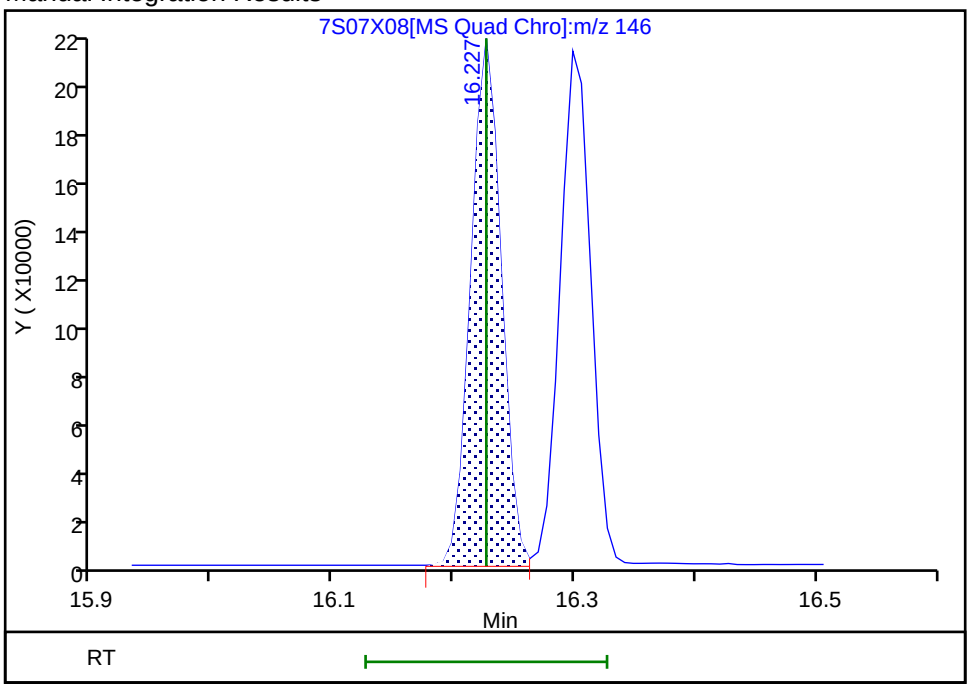
Not Detected
Expected RT: 16.23

Processing Integration Results




Manual Integration Results

RT: 16.23
Area: 375073
Amount: 4.893716
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

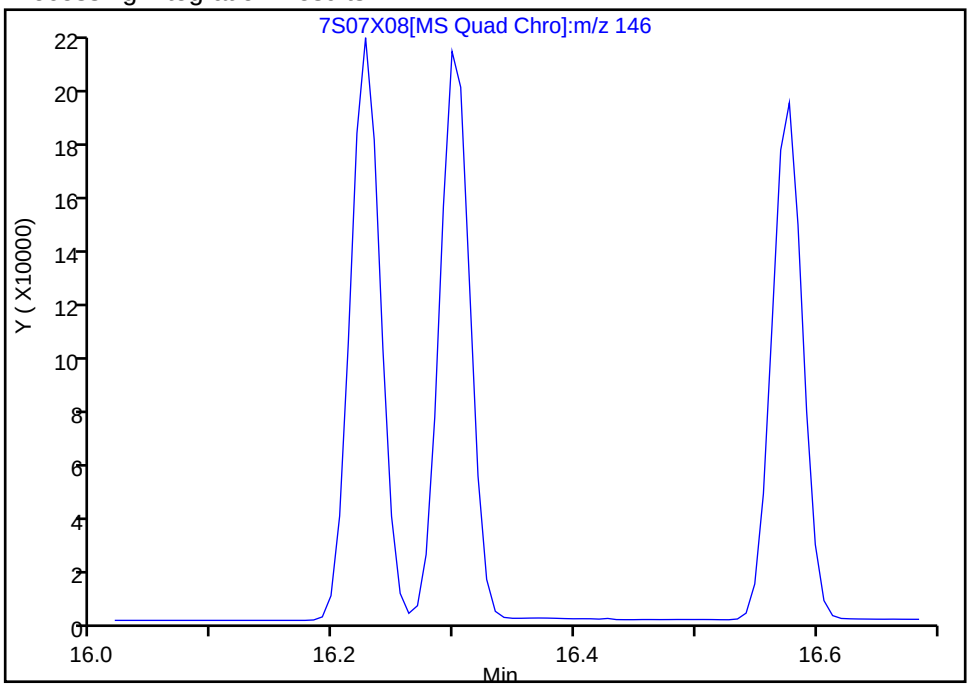
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 90 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

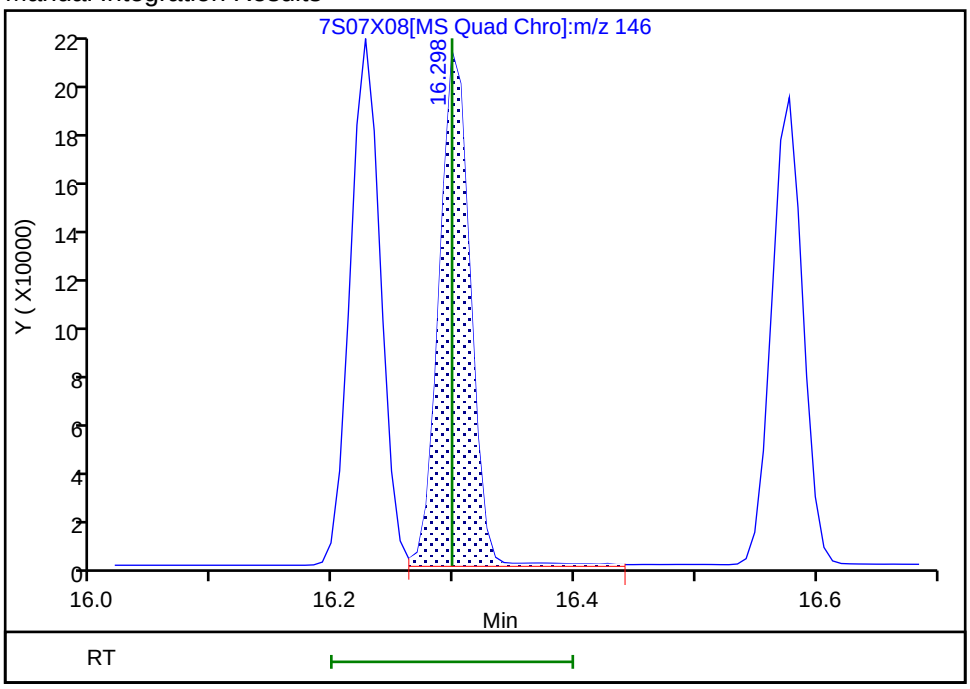
Not Detected
Expected RT: 16.30

Processing Integration Results




Manual Integration Results

RT: 16.30
Area: 374633
Amount: 4.858530
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

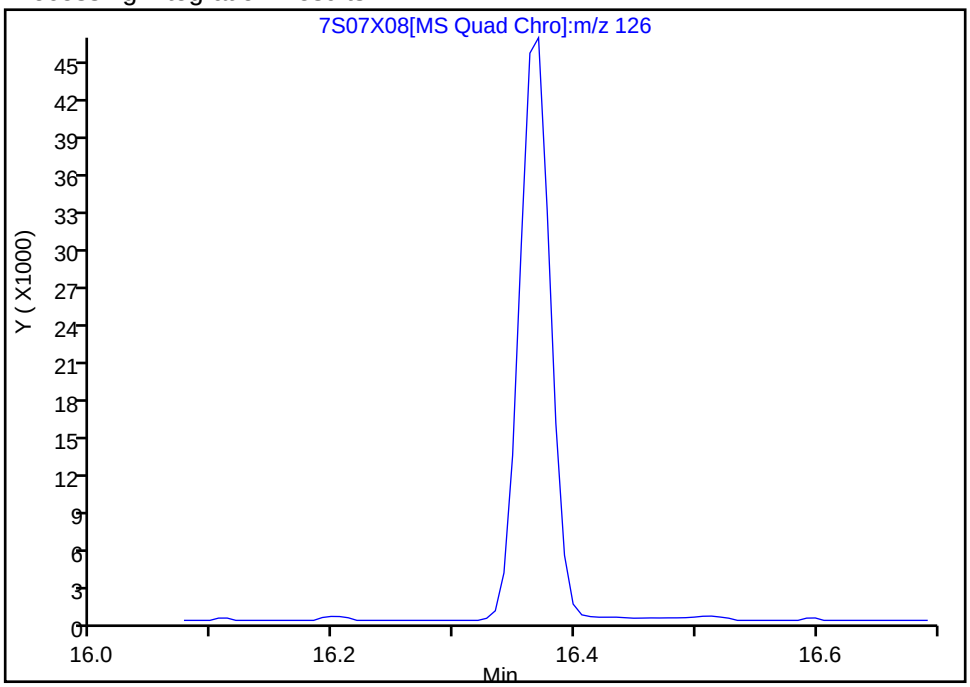
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 92 Benzyl chloride, CAS: 100-44-7

Signal: 1

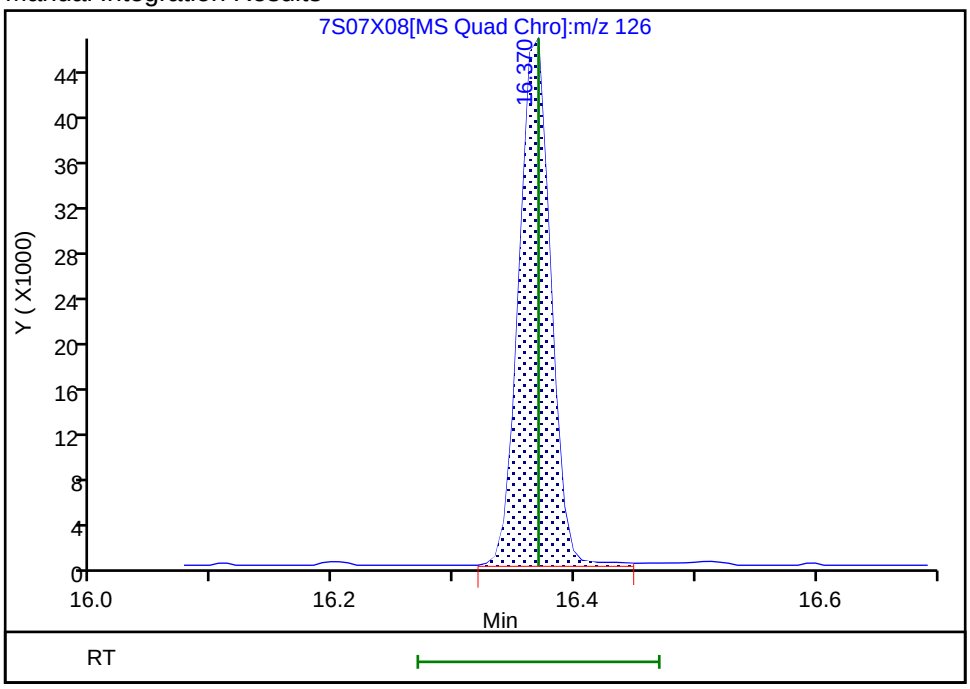
Not Detected
Expected RT: 16.37

Processing Integration Results




Manual Integration Results

RT: 16.37
Area: 84084
Amount: 4.646889
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

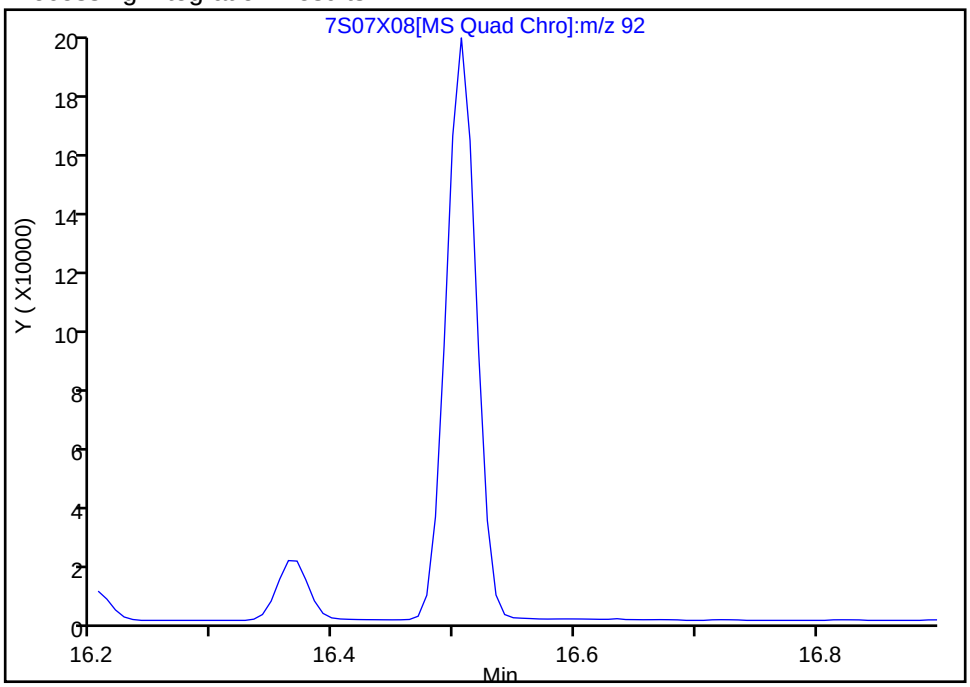
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 91 n-Butylbenzene, CAS: 104-51-8

Signal: 1

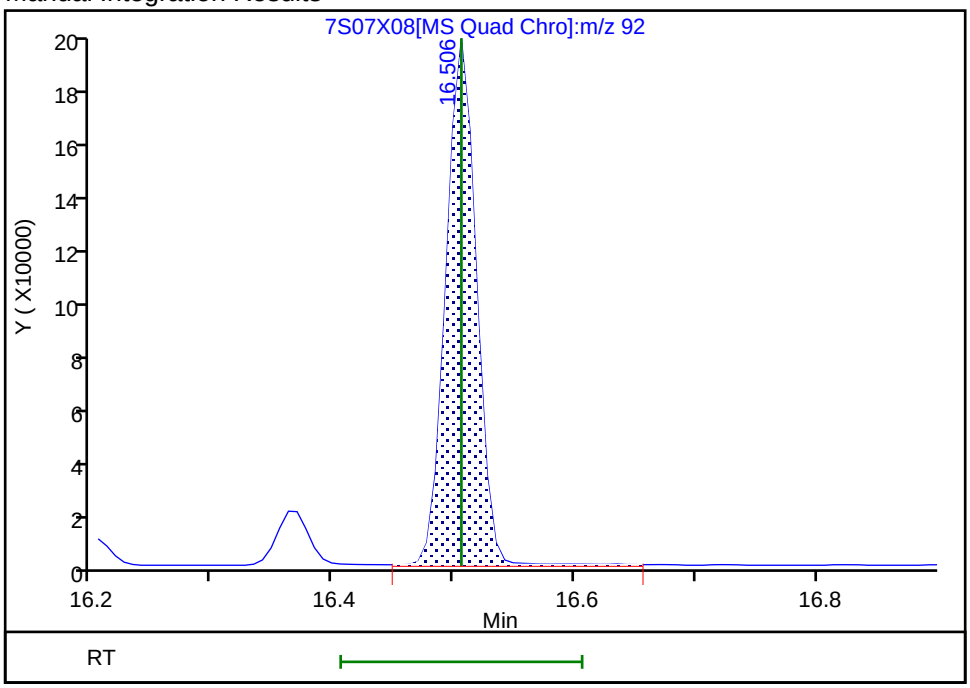
Not Detected
Expected RT: 16.51

Processing Integration Results




Manual Integration Results

RT: 16.51
Area: 349929
Amount: 4.926808
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

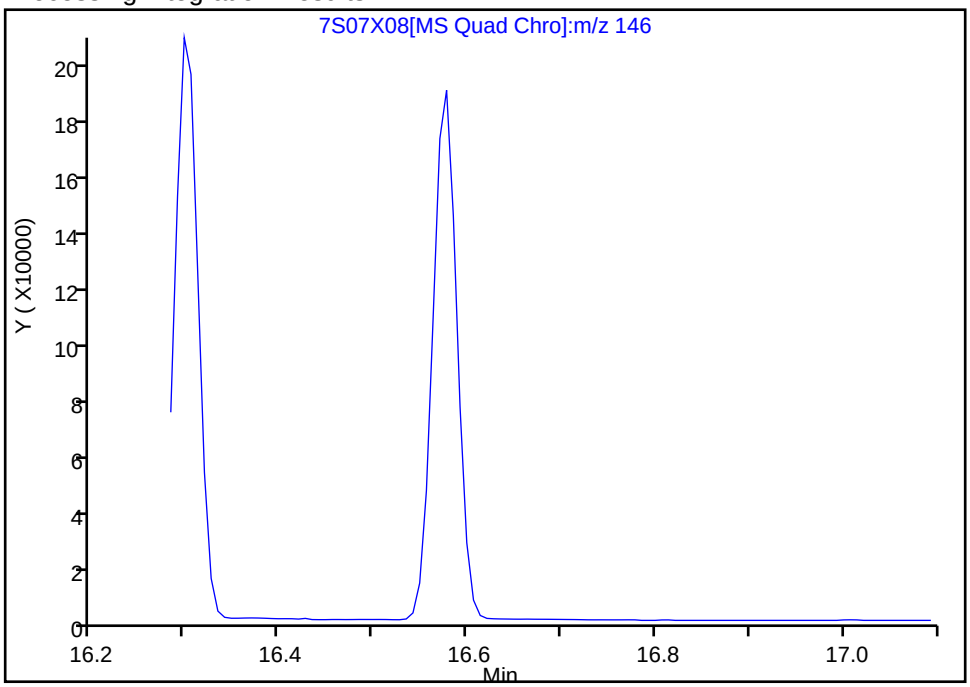
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 94 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

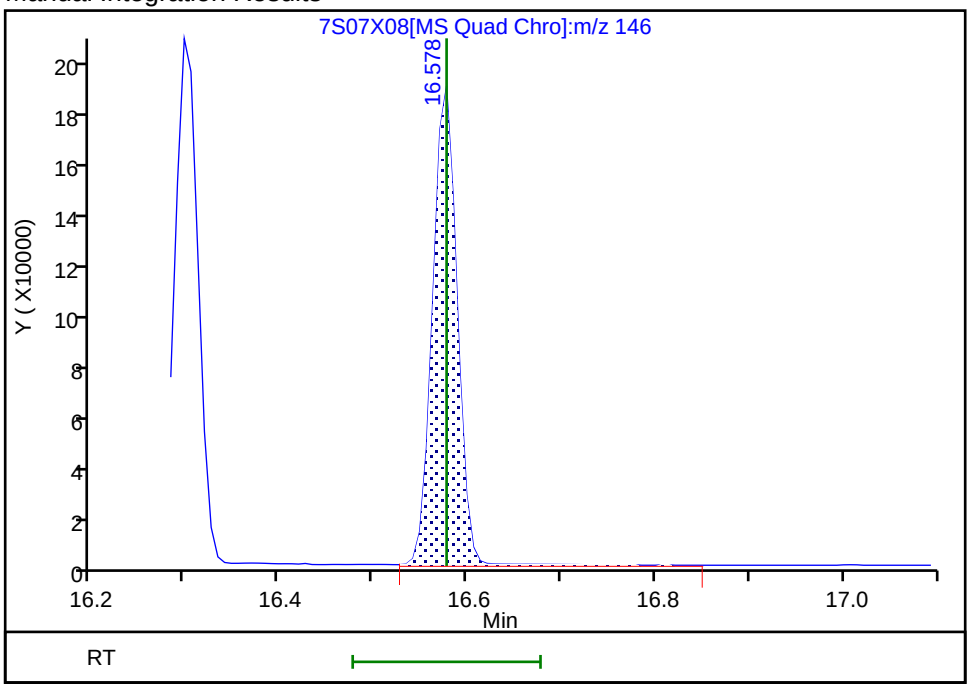
Not Detected
Expected RT: 16.58

Processing Integration Results




Manual Integration Results

RT: 16.58
Area: 345777
Amount: 4.874120
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

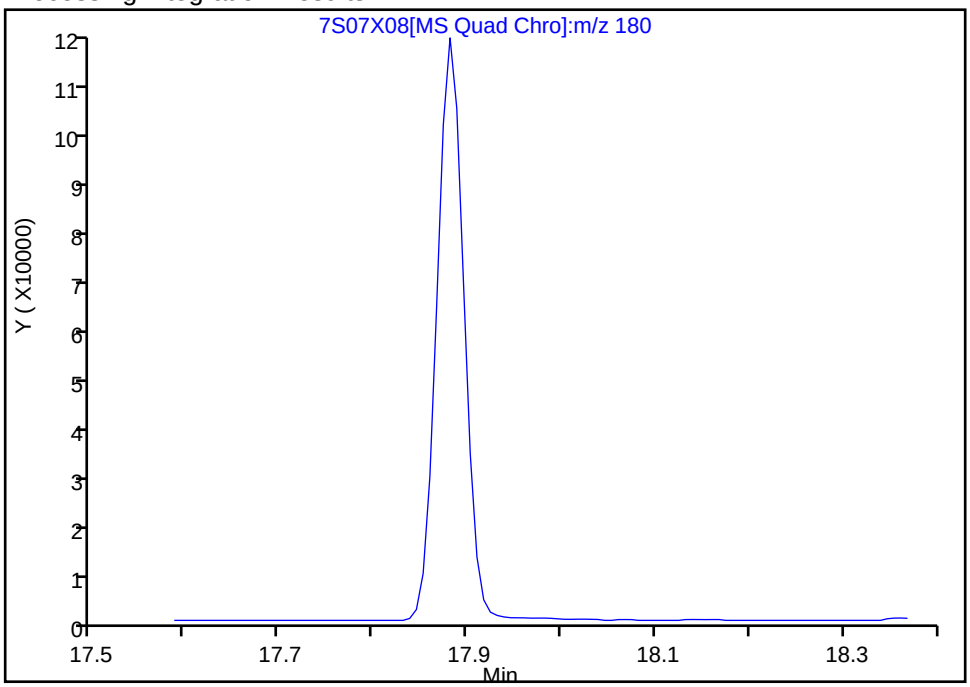
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 97 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

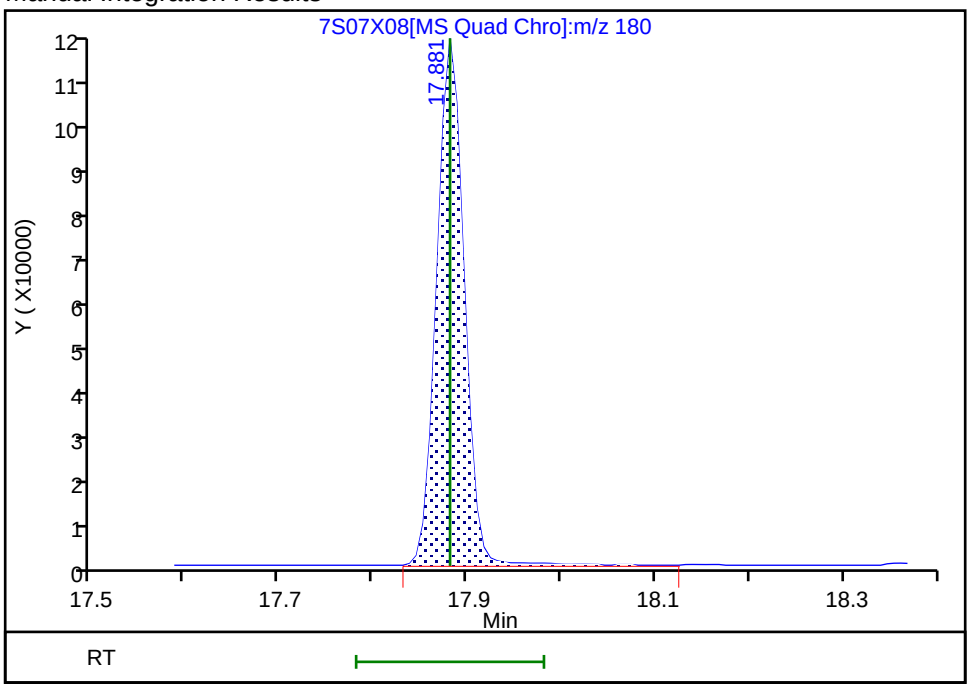
Not Detected
Expected RT: 17.88

Processing Integration Results




Manual Integration Results

RT: 17.88
Area: 239097
Amount: 4.994010
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:15:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

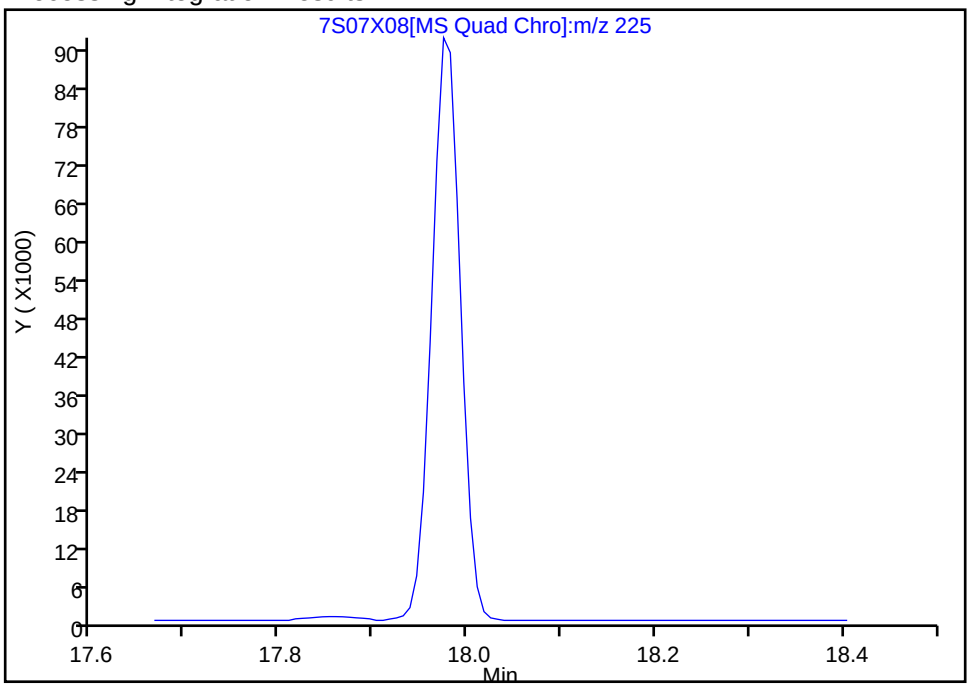
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 96 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

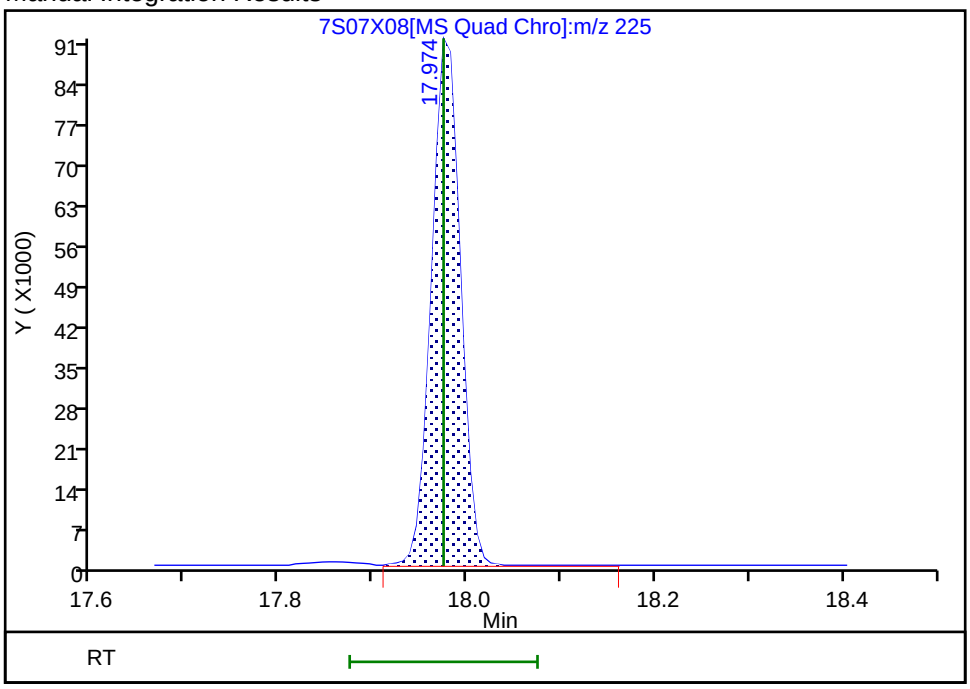
Not Detected
Expected RT: 17.97

Processing Integration Results




Manual Integration Results

RT: 17.97
Area: 196075
Amount: 4.548214
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:15:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

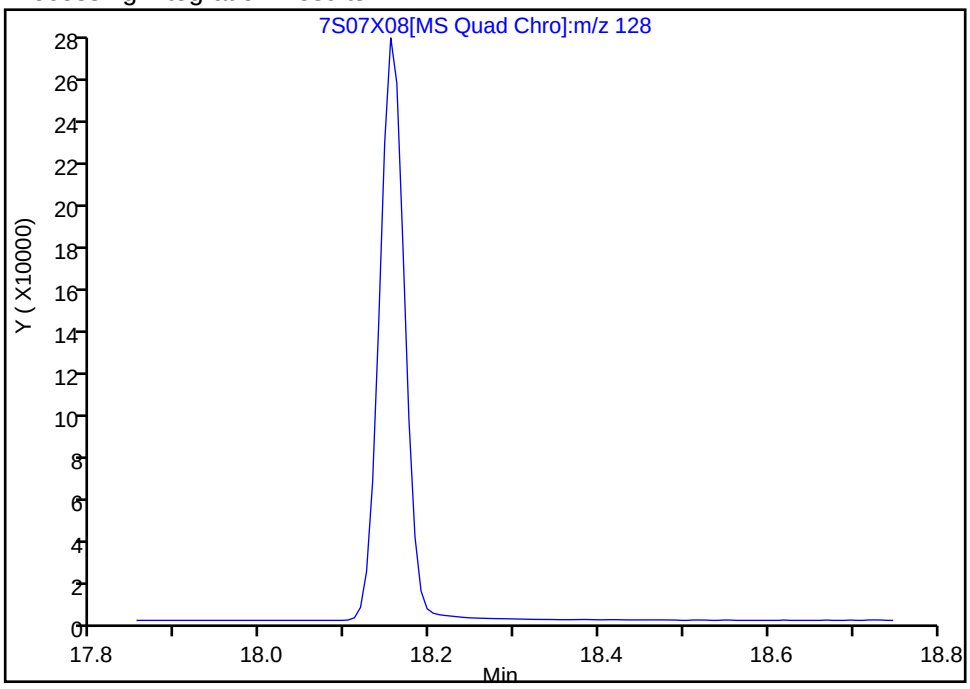
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 98 Naphthalene, CAS: 91-20-3

Signal: 1

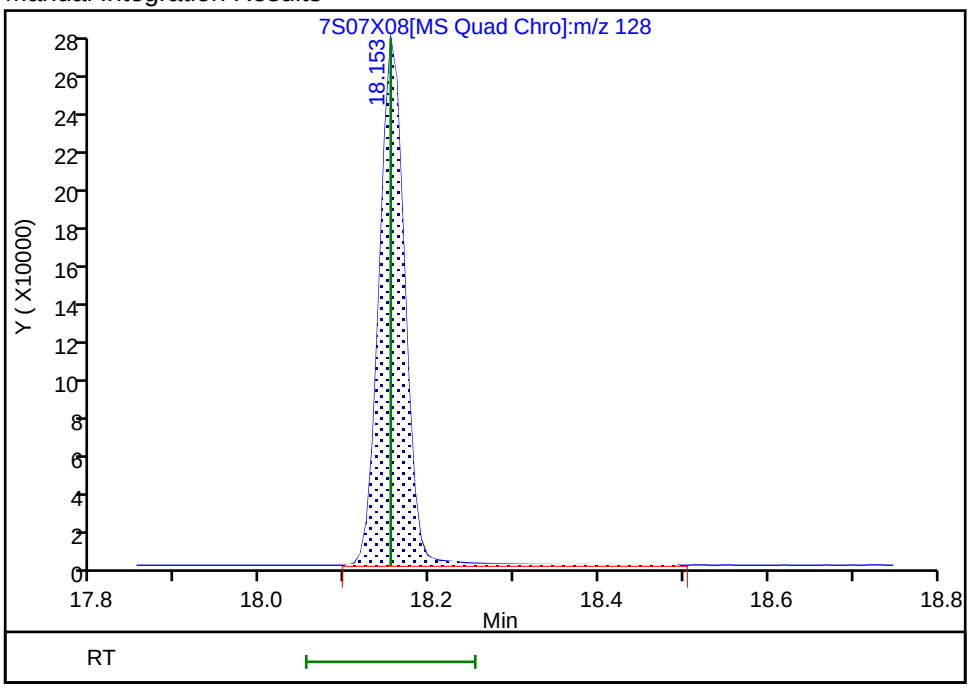
Not Detected
Expected RT: 18.15

Processing Integration Results




Manual Integration Results

RT: 18.15
Area: 579652
Amount: 5.096667
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:59:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
Lims ID: IC Cal 10ppb
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Sep-2025 01:42:50 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 10PPB
Misc. Info.: 410-0158855-009
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:49:53 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 08-Sep-2025 14:17:50

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.311 | 3.304 | 0.007 | 98 | 255298 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 88 | 793102 | 10.0 | 9.93 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 69 | 487315 | 10.0 | 10.8 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 792190 | 10.0 | 11.1 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 294301 | 10.0 | 10.3 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 475971 | 10.0 | 8.87 | Ma |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 79 | 323612 | 10.0 | 11.1 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 236482 | 10.0 | 10.5 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 211578 | 10.0 | 9.75 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 95 | 161709 | 10.0 | 9.20 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 270635 | 10.0 | 9.59 | |
| 13 Dichlorofluoromethane | 67 | 5.331 | 5.331 | 0.000 | 82 | 705307 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 86 | 751212 | 10.0 | 10.3 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 552806 | NC | NC | |
| 14 Ethanol | 45 | 5.654 | 5.661 | -0.007 | 54 | 79626 | NC | NC | M |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 94 | 131614 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.348 | 6.349 | -0.001 | 86 | 469393 | 10.0 | 9.54 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 88 | 366467 | 10.0 | 10.1 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 492575 | 10.0 | 9.48 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 86 | 378548 | 10.0 | 9.85 | |
| 18 Iodomethane | 142 | 6.606 | 6.606 | 0.000 | 98 | 596080 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 969194 | 10.0 | 9.31 | |
| 28 Acetonitrile | 41 | 6.828 | 6.829 | -0.001 | 98 | 304610 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 90 | 411677 | 10.0 | 8.59 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 251528 | 10.0 | 9.13 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 97 | 413207 | 11.4 | 13.0 | |
| 31 Acrylonitrile | 53 | 7.530 | 7.531 | -0.001 | 97 | 273353 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 797810 | 10.0 | 10.6 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.659 | 7.659 | 0.000 | 91 | 500792 | 10.0 | 9.57 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 96 | 247666 | 10.0 | 9.17 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 67097 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 85 | 580939 | 10.0 | 9.10 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 1145616 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 99 | 964870 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 154956 | 10.0 | 10.5 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.242 | 9.235 | 0.007 | 62 | 555041 | 10.0 | 9.35 | |
| 38 Ethyl acetate | 70 | 9.242 | 9.243 | 0.000 | 89 | 78295 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.328 | 9.321 | 0.007 | 70 | 599162 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 349612 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.636 | 9.636 | 0.000 | 90 | 389393 | 10.0 | 9.11 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 81 | 650077 | 10.0 | 9.09 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 91 | 601165 | 10.0 | 9.52 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 503855 | 10.0 | 10.1 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 70 | 593249 | 10.0 | 10.2 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 556910 | NC | NC | |
| 46 Benzene | 78 | 10.596 | 10.589 | 0.007 | 97 | 961768 | 10.0 | 8.94 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 86 | 451056 | 10.0 | 9.09 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 73 | 860801 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 92 | 1664662 | 10.0 | 10.1 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 96 | 328238 | 10.0 | 10.1 | |
| * 50 1,4-Difluorobenzene | 114 | 11.219 | 11.212 | 0.007 | 96 | 1331162 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 373158 | 10.0 | 8.71 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 98 | 733346 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 76 | 408839 | 10.0 | 9.13 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 351854 | 10.0 | 10.4 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 159520 | 10.0 | 11.0 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 79 | 329411 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 99 | 707370 | 10.0 | 9.02 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 89 | 594075 | 10.0 | 9.43 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 847197 | 10.0 | 10.2 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 90 | 1446841 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 92 | 1143487 | 10.0 | 9.16 | |
| 58 n-Octane | 43 | 13.239 | 13.240 | -0.001 | 89 | 881121 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 85 | 477201 | 10.0 | 9.53 | M |
| 63 Ethyl methacrylate | 69 | 13.368 | 13.368 | 0.000 | 86 | 588533 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.547 | 13.548 | -0.001 | 85 | 401473 | 10.0 | 9.57 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 92 | 469422 | 10.0 | 8.72 | |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 99 | 817952 | 10.0 | 10.8 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 510197 | 10.0 | 9.47 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 596420 | 10.0 | 9.48 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1212851 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 93 | 840068 | 10.0 | 8.88 | |
| 70 Ethylbenzene | 91 | 14.557 | 14.558 | -0.001 | 71 | 1450199 | 10.0 | 9.62 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.557 | 14.558 | -0.001 | 46 | 437022 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 2199908 | 20.0 | 19.7 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 92 | 1106625 | 10.0 | 9.95 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 834565 | 10.0 | 10.3 | |
| 75 Bromoform | 173 | 15.173 | 15.174 | -0.001 | 93 | 565795 | 10.0 | 9.70 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 97 | 1437792 | 10.0 | 10.3 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.481 | 15.482 | -0.001 | 71 | 906496 | 10.0 | 9.48 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 56 | 216419 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 85 | 449763 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 383701 | 10.0 | 10.1 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 1462828 | 10.0 | 10.5 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 90 | 350951 | 10.0 | 9.72 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 67 | 1187786 | 10.0 | 10.7 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 91 | 618924 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 76 | 1117209 | 10.0 | 10.1 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 97 | 1225681 | 10.0 | 10.4 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 1704659 | 10.0 | 10.1 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 93 | 1347751 | 10.0 | 10.1 | |
| 89 1,3-Dichlorobenzene | 146 | 16.226 | 16.227 | -0.001 | 95 | 761646 | 10.0 | 9.76 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 760457 | 10.0 | 9.68 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 82 | 183971 | 10.0 | 9.98 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 750228 | 10.0 | 10.4 | |
| 94 1,2-Dichlorobenzene | 146 | 16.577 | 16.578 | -0.001 | 94 | 704149 | 10.0 | 9.75 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 92 | 401831 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 76 | 352562 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 91 | 500941 | 10.0 | 10.3 | |
| 96 Hexachlorobutadiene | 225 | 17.981 | 17.974 | 0.007 | 89 | 404122 | 10.0 | 9.21 | |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 98 | 1259545 | 10.0 | 10.9 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 1055833 | 20.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 20.0 | 19.0 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 3306533 | 30.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:49:58 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D

Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004

Lims ID: IC Cal 10ppb

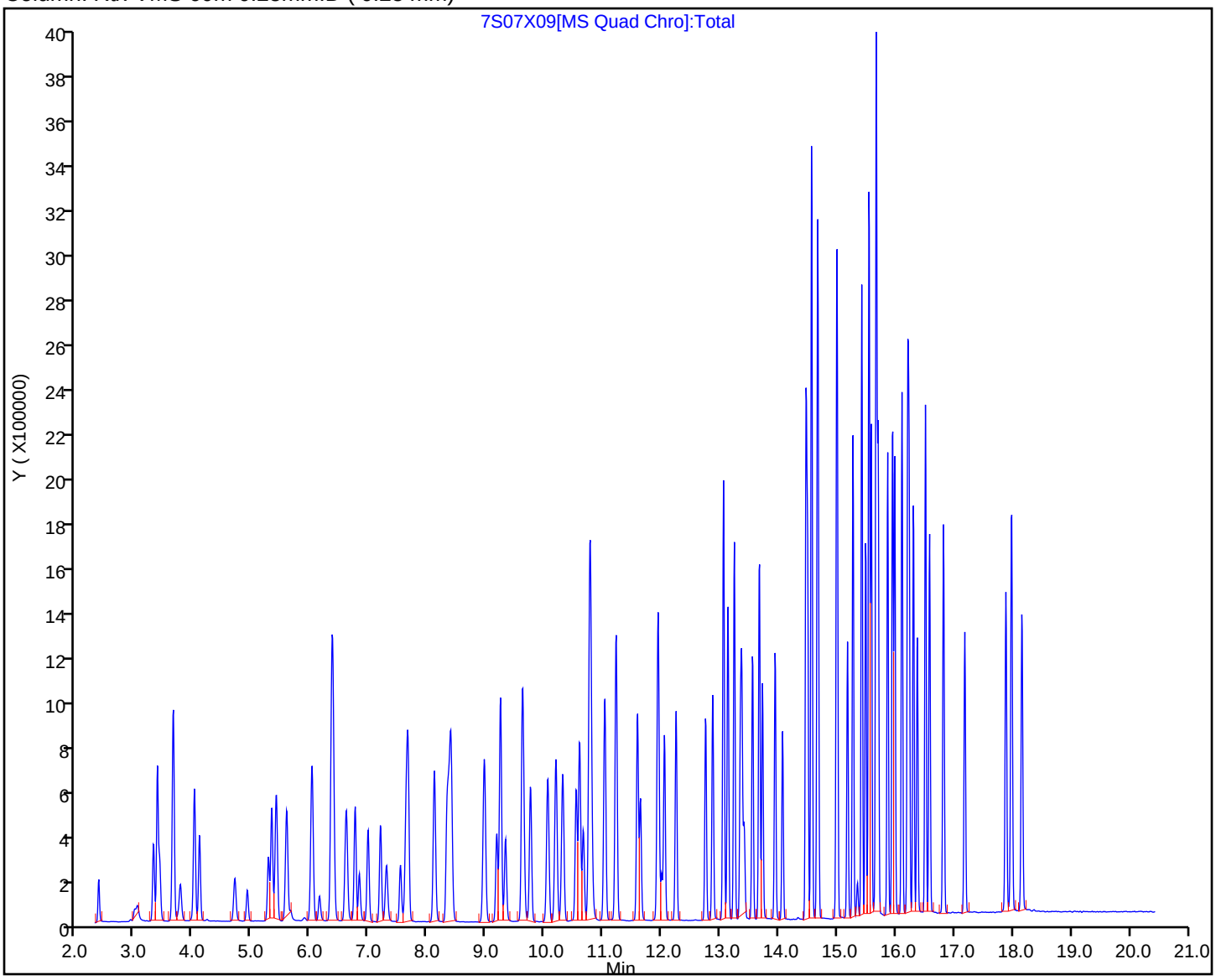
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

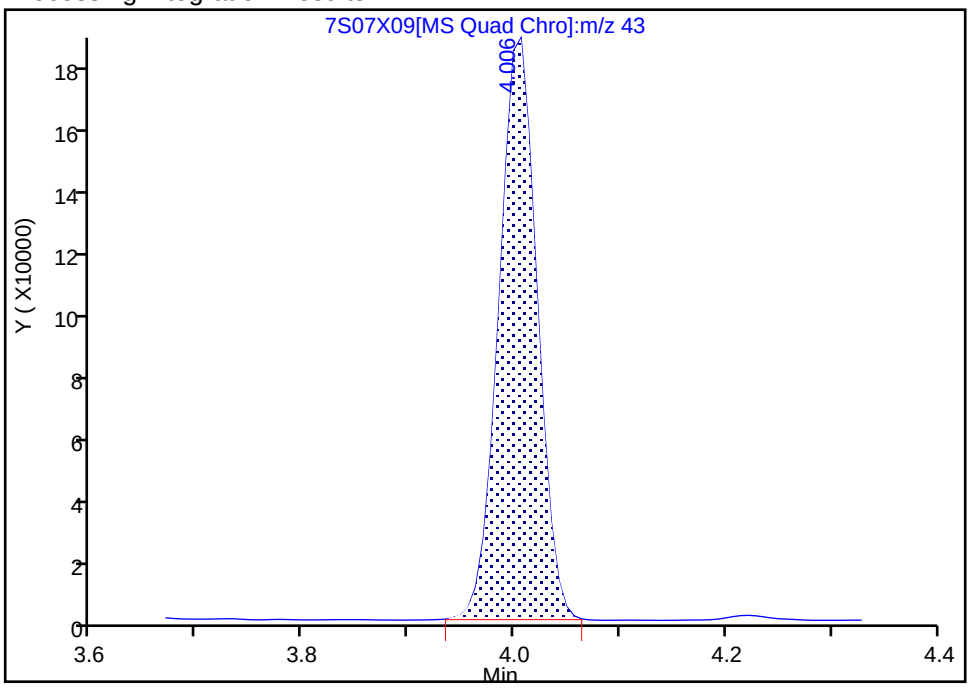
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

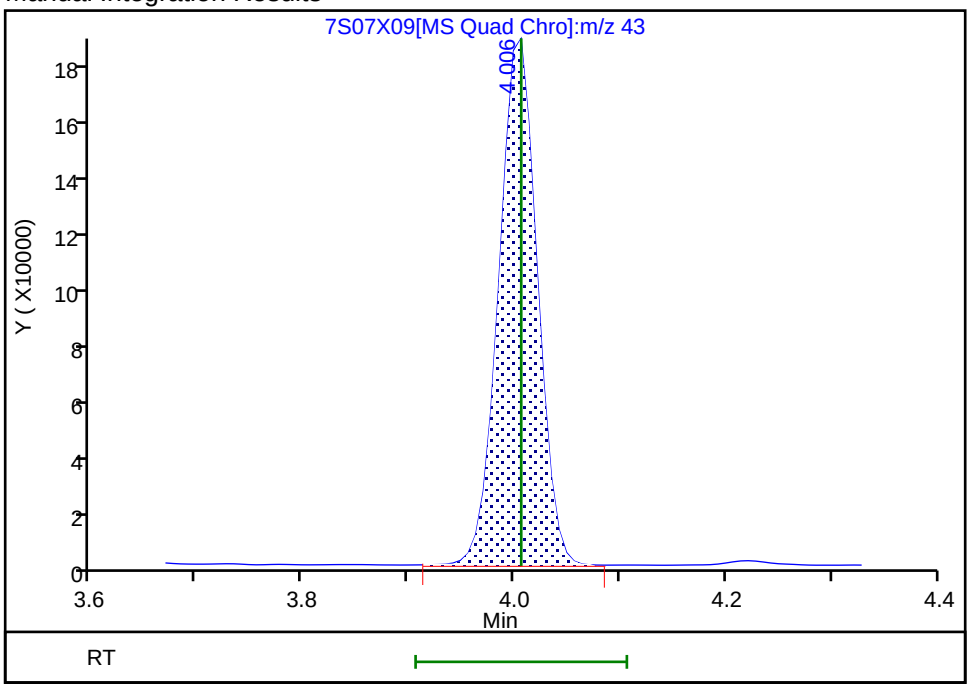
Processing Integration Results

RT: 4.01
Area: 472478
Amount: 8.491517
Amount Units: ppb v/v




Manual Integration Results

RT: 4.01
Area: 475971
Amount: 8.866864
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

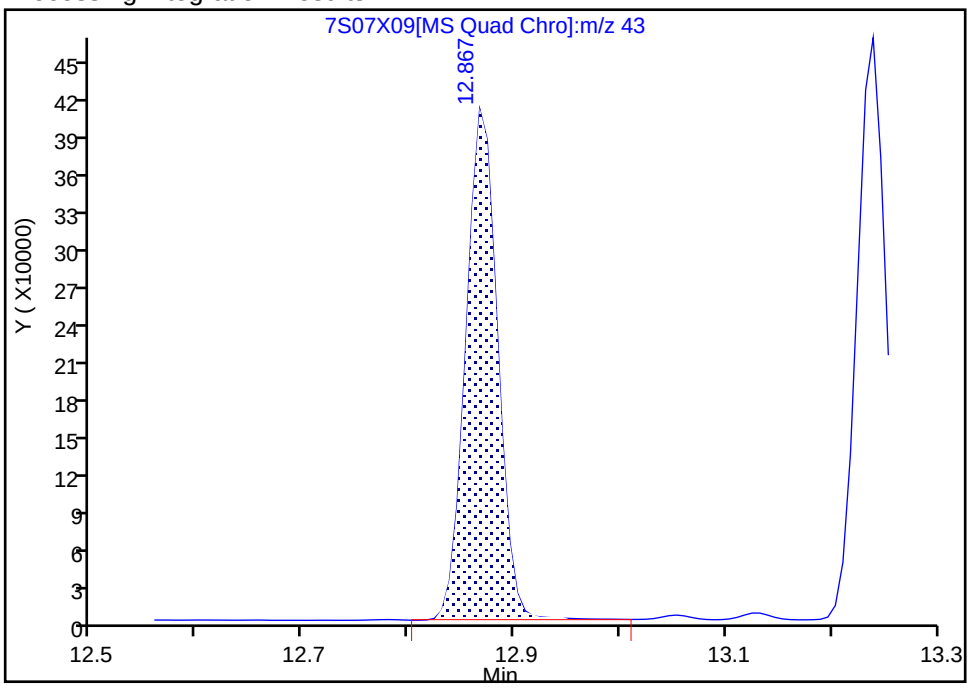
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

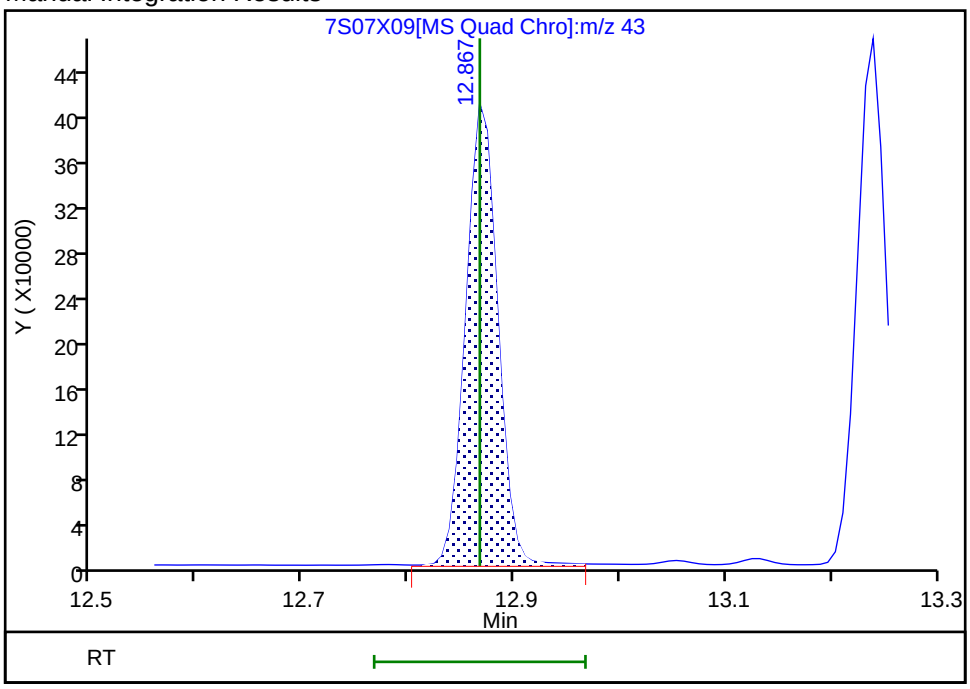
Processing Integration Results

RT: 12.87
Area: 849632
Amount: 10.245285
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 847197
Amount: 10.220343
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:25 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

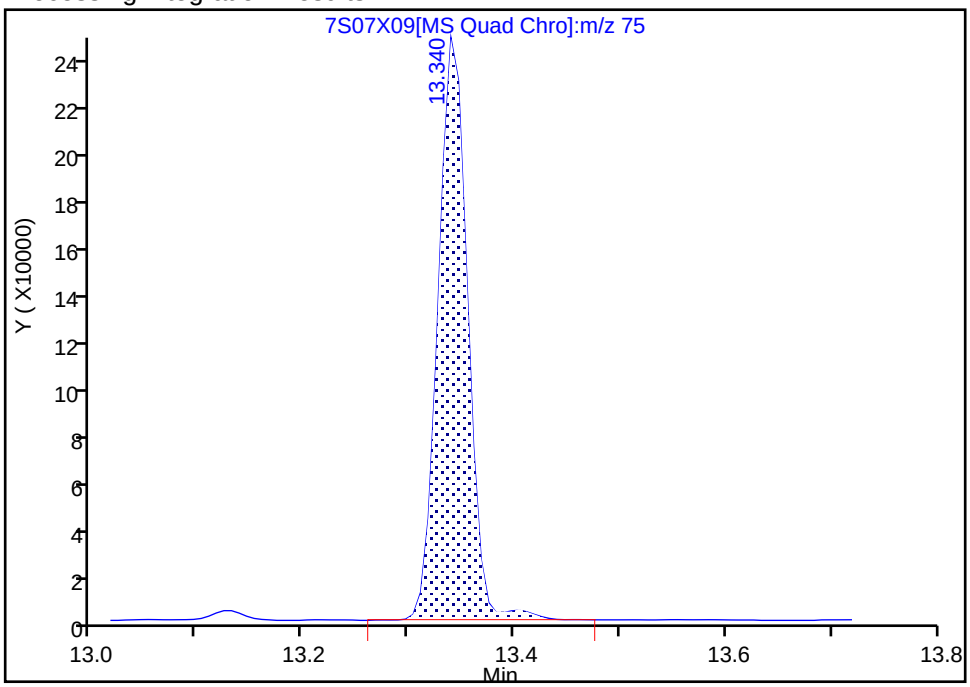
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

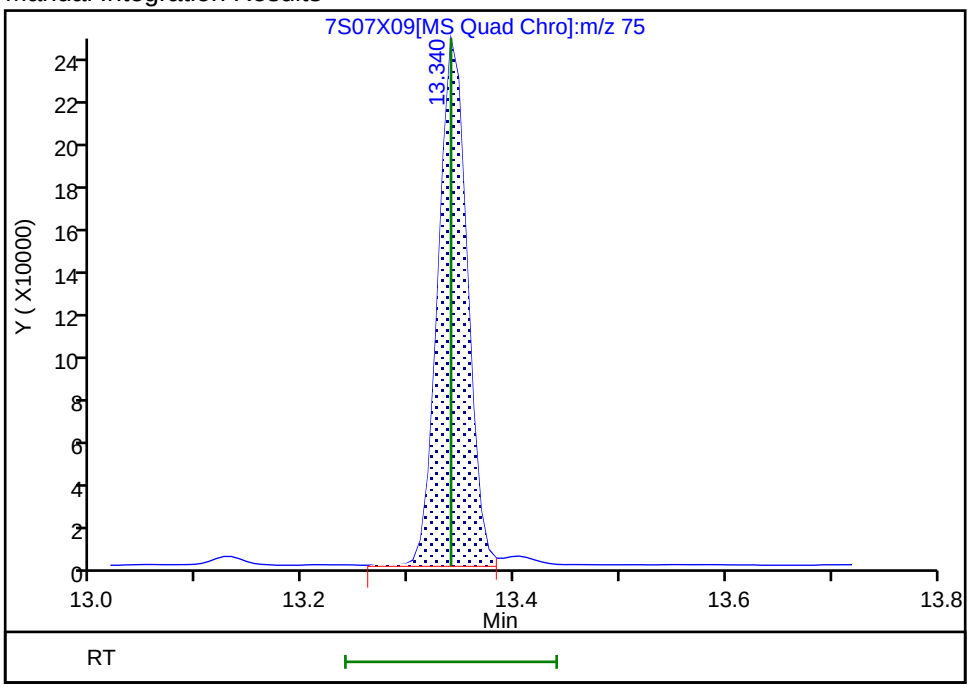
Processing Integration Results

RT: 13.34
Area: 487477
Amount: 9.652480
Amount Units: ppb v/v




Manual Integration Results

RT: 13.34
Area: 477201
Amount: 9.529662
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:19:04 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

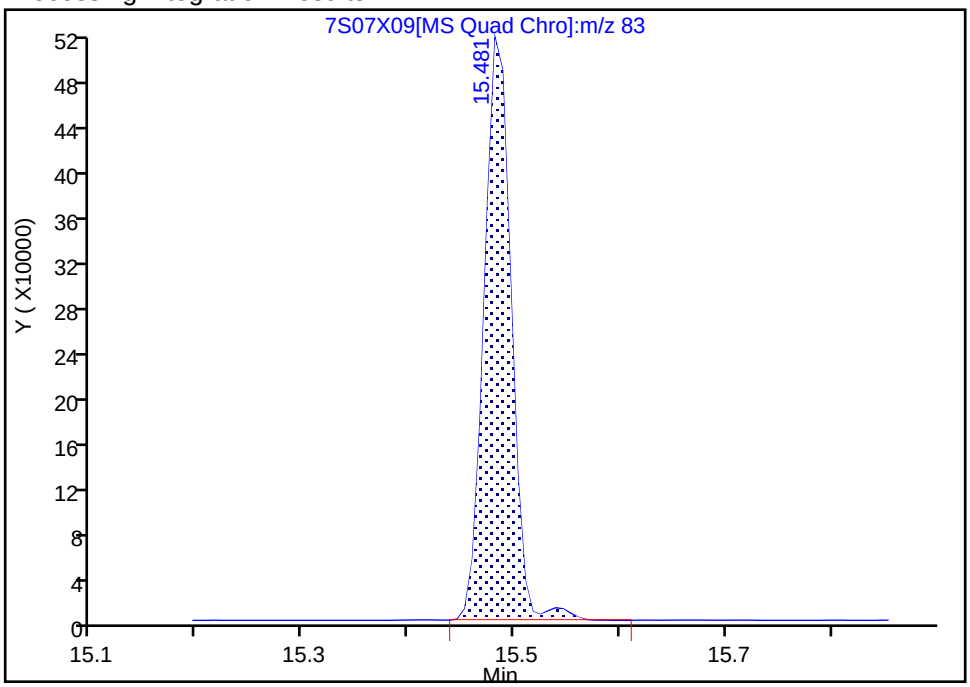
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

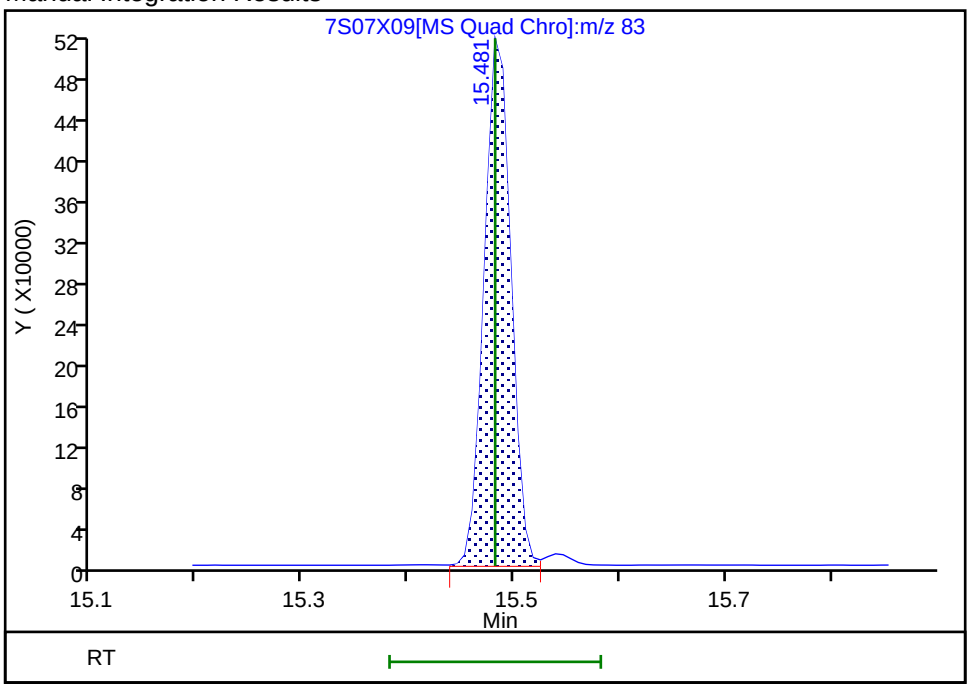
Processing Integration Results

RT: 15.48
Area: 925212
Amount: 9.557377
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 906496
Amount: 9.481261
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:19 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

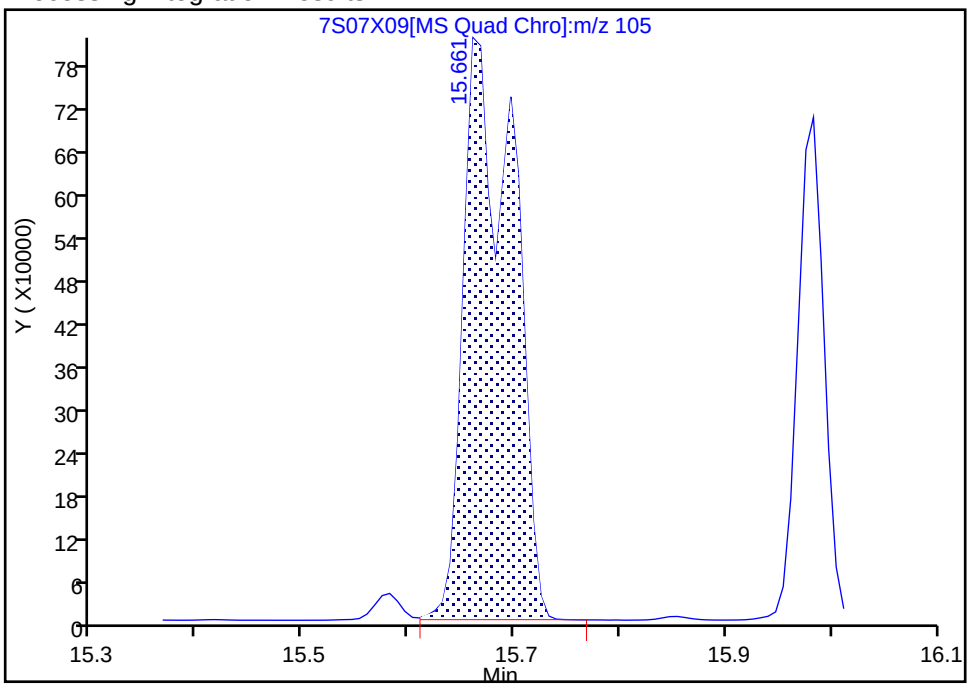
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

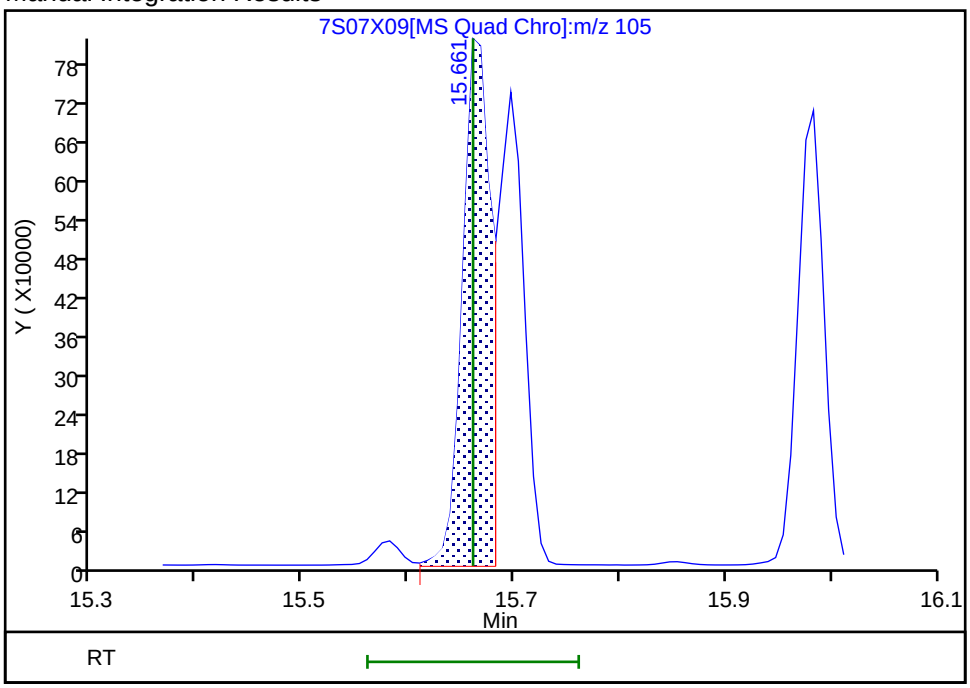
Processing Integration Results

RT: 15.66
Area: 2650615
Amount: 13.967813
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 1462828
Amount: 10.512999
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:26 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

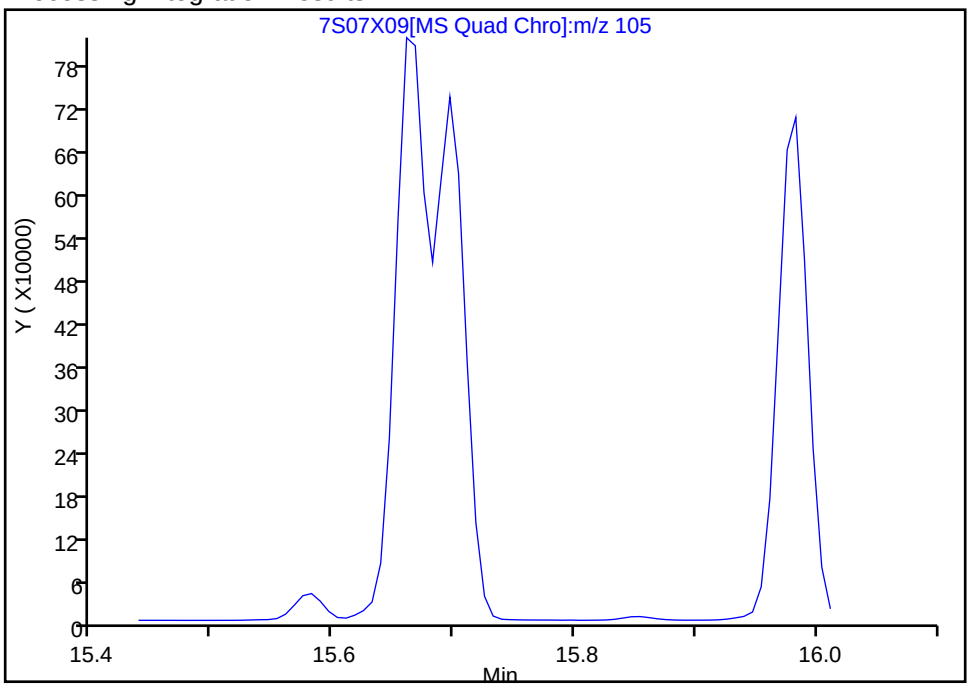
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

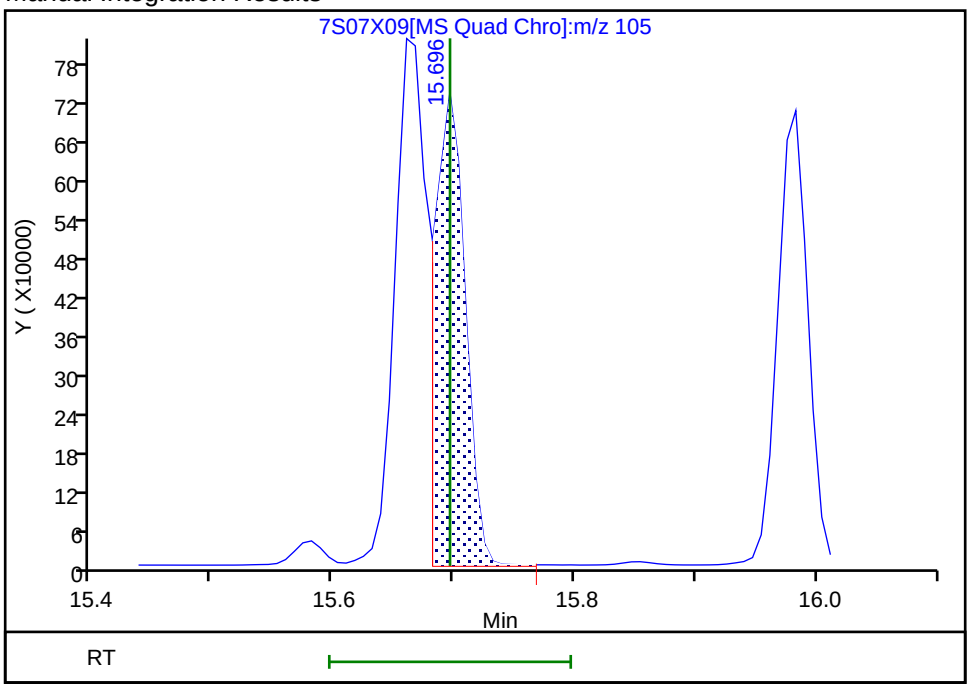
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 1187786
Amount: 10.663213
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

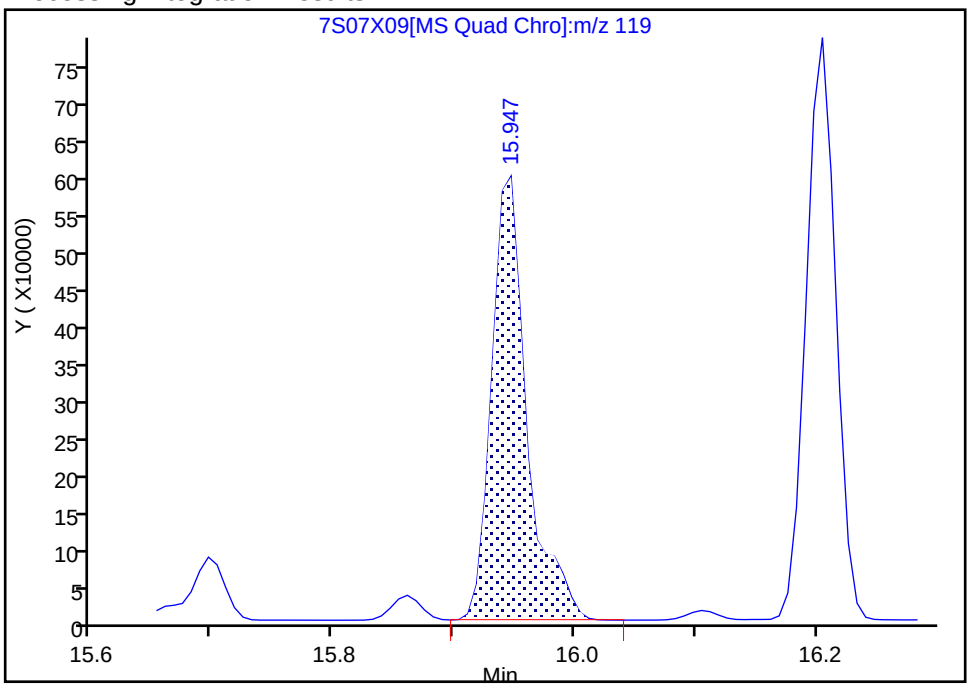
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

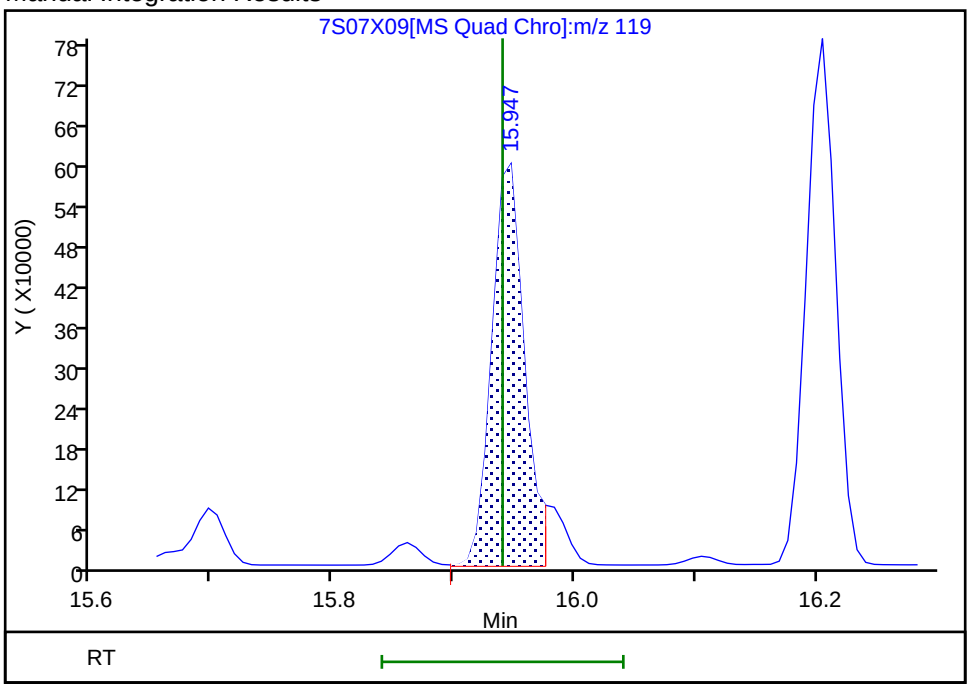
Processing Integration Results

RT: 15.95
Area: 1221343
Amount: 10.318776
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 1117209
Amount: 10.067356
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:18:53 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Lims ID: IC Cal 25ppb
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Sep-2025 02:10:50 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 25PPB
Misc. Info.: 410-0158855-010
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:50:02 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 19:40:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 622262 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 1946334 | 25.0 | 24.3 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 79 | 1204988 | 25.0 | 26.6 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 1938379 | 25.0 | 27.2 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 714327 | 25.0 | 24.9 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 1198695 | 25.0 | 22.2 | a |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 75 | 792621 | 25.0 | 27.1 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 95 | 601024 | 25.0 | 26.5 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 553370 | 25.0 | 25.4 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 397395 | 25.0 | 22.5 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 99 | 685579 | 25.0 | 24.2 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 83 | 1769206 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 88 | 1859281 | 25.0 | 25.5 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 97 | 1424901 | NC | NC | |
| 14 Ethanol | 45 | 5.647 | 5.661 | -0.014 | 98 | 189979 | NC | NC | M |
| 19 Acrolein | 56 | 6.141 | 6.148 | -0.007 | 95 | 351641 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 1176908 | 25.0 | 23.8 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 84 | 881794 | 25.0 | 24.2 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 1242831 | 25.0 | 23.8 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 98 | 945866 | 25.0 | 24.5 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 99 | 1645455 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 98 | 2365895 | 25.0 | 22.6 | |
| 28 Acetonitrile | 41 | 6.821 | 6.829 | -0.008 | 99 | 760857 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 1073339 | 25.0 | 22.3 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 627364 | 25.0 | 22.7 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 60 | 1052192 | 28.5 | 32.9 | |
| 31 Acrylonitrile | 53 | 7.523 | 7.531 | -0.008 | 96 | 693773 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 92 | 2036423 | 25.0 | 26.9 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 91 | 1262578 | 25.0 | 24.0 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 95 | 639609 | 25.0 | 23.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.319 | 8.326 | -0.007 | 97 | 183756 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 1478406 | 25.0 | 23.1 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 96 | 2937857 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 99 | 2497128 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.171 | 9.178 | -0.007 | 99 | 404009 | 25.0 | 27.3 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 62 | 1422896 | 25.0 | 23.9 | |
| 38 Ethyl acetate | 70 | 9.235 | 9.243 | -0.007 | 89 | 209126 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 90 | 1594554 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 90 | 350892 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.629 | 9.636 | -0.007 | 90 | 1013064 | 25.0 | 23.6 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 82 | 1656749 | 25.0 | 23.1 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 92 | 1532653 | 25.0 | 24.2 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 94 | 1303042 | 25.0 | 26.0 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 88 | 1541499 | 25.0 | 26.3 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 555246 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 93 | 2461683 | 25.0 | 22.7 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 91 | 1150575 | 25.0 | 23.0 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 72 | 2269713 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 93 | 4286430 | 25.0 | 25.8 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 96 | 870170 | 25.0 | 26.5 | |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 1343477 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.578 | 11.585 | -0.007 | 91 | 963134 | 25.0 | 22.3 | |
| 52 Ethyl acrylate | 55 | 11.628 | 11.635 | -0.007 | 99 | 1987084 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 71 | 1060180 | 25.0 | 23.5 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 90 | 953897 | 25.0 | 27.8 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 406951 | 25.0 | 27.7 | M |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 852261 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 1834486 | 25.0 | 23.2 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 91 | 1599668 | 25.0 | 25.2 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 2235001 | 25.0 | 26.7 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1455165 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 2986593 | 25.0 | 23.7 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 89 | 2371532 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 1296442 | 25.0 | 25.6 | |
| 63 Ethyl methacrylate | 69 | 13.361 | 13.368 | -0.007 | 88 | 1593053 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 1037272 | 25.0 | 24.5 | |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 85 | 1246936 | 25.0 | 22.9 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 99 | 2155733 | 25.0 | 28.0 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 1367585 | 25.0 | 25.1 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 1599340 | 25.0 | 25.2 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.000 | 88 | 1225987 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 2243671 | 25.0 | 23.5 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 3890799 | 25.0 | 25.5 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 56 | 1174669 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 6015080 | 50.0 | 53.2 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 3051526 | 25.0 | 27.1 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 91 | 2313198 | 25.0 | 28.3 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 94 | 1589127 | 25.0 | 26.9 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 96 | 3940900 | 25.0 | 28.0 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 91 | 2471808 | 25.0 | 25.6 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 56 | 579472 | NC | NC | |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 85 | 1230184 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 99 | 1070830 | 25.0 | 28.0 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 4176281 | 25.0 | 29.7 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 89 | 963004 | 25.0 | 26.4 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 66 | 3218474 | 25.0 | 28.6 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 1845973 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 76 | 3153350 | 25.0 | 28.1 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 3462380 | 25.0 | 29.1 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 4839054 | 25.0 | 28.4 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 3907050 | 25.0 | 28.8 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 96 | 2185648 | 25.0 | 27.7 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 2215777 | 25.0 | 27.9 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 82 | 569604 | 25.0 | 30.6 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 2207406 | 25.0 | 30.2 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 95 | 2071349 | 25.0 | 28.4 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 94 | 1400422 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 78 | 1050220 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 1523588 | 25.0 | 30.9 | |
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 84 | 1252156 | 25.0 | 28.2 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 3686814 | 25.0 | 31.5 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 2685474 | 50.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 50.0 | 50.8 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 9066606 | 75.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL50.0_00191 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:50:06 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D

Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004

Lims ID: IC Cal 25ppb

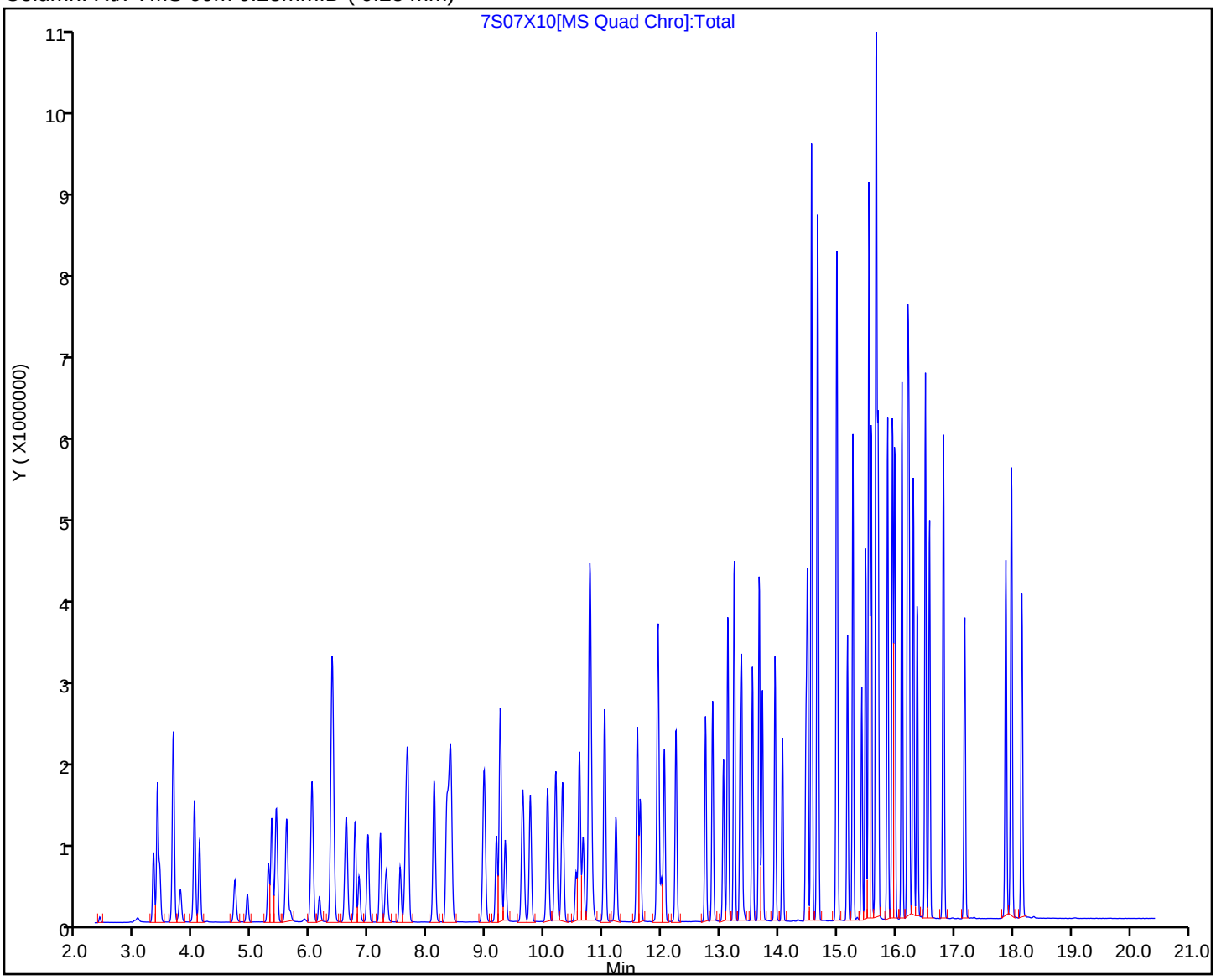
Client ID:

Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

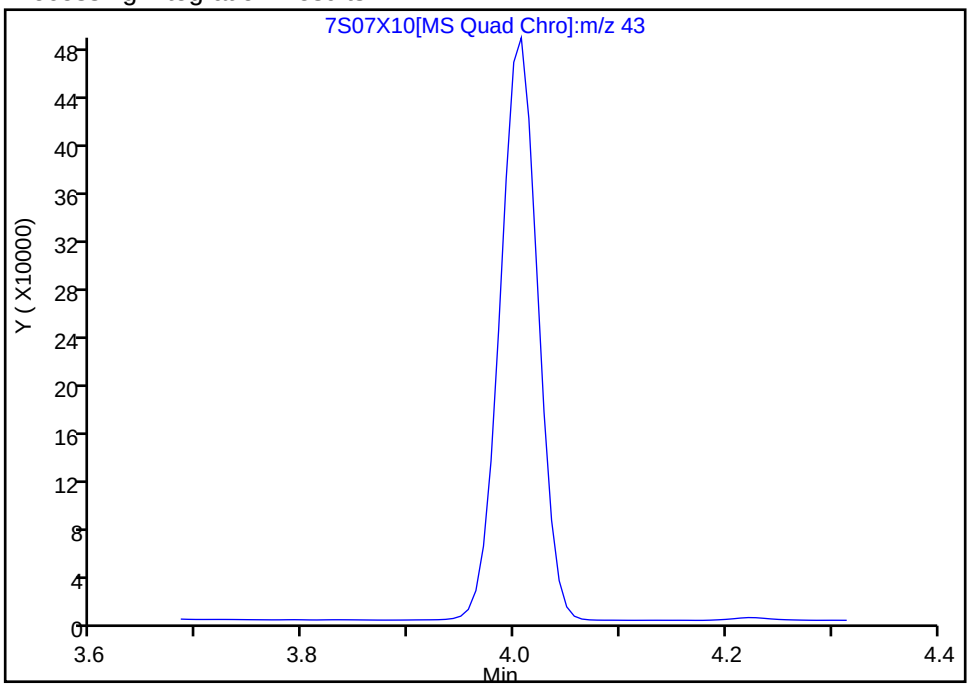
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

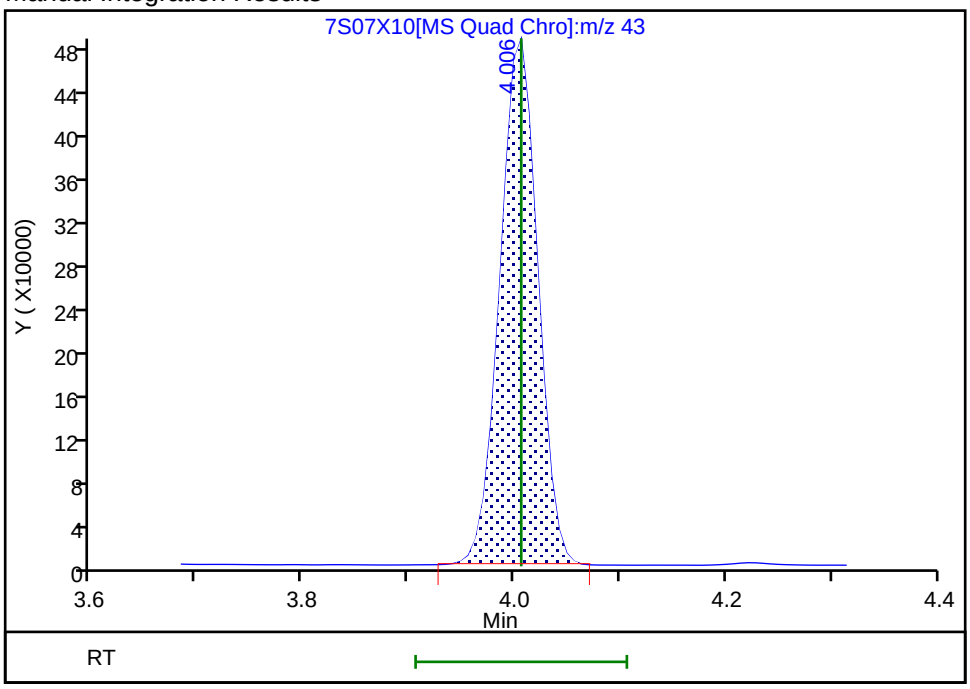
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 1198695
Amount: 22.249030
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

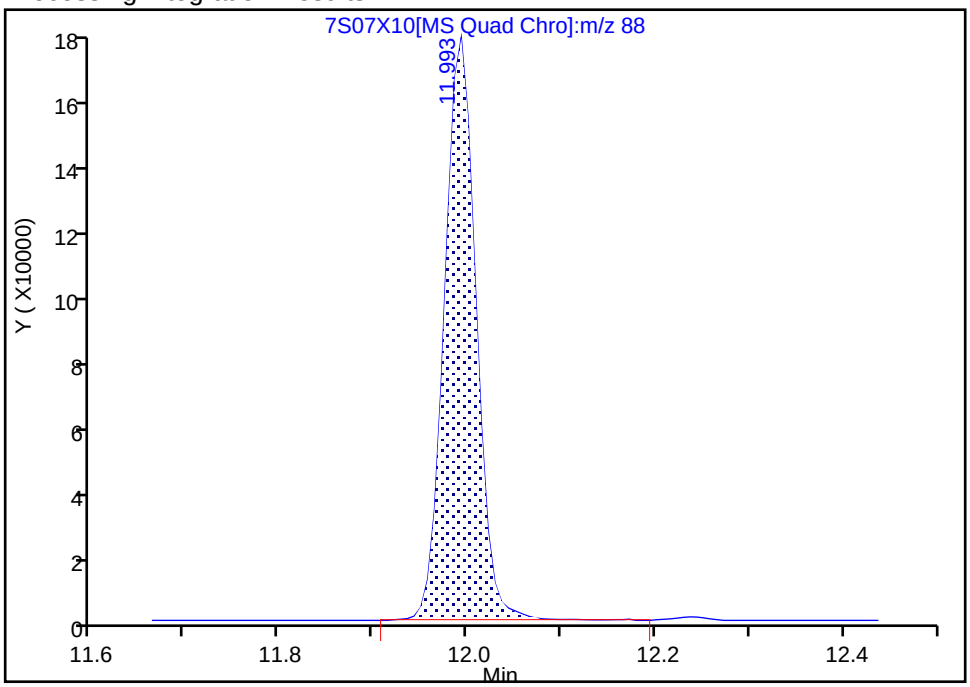
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

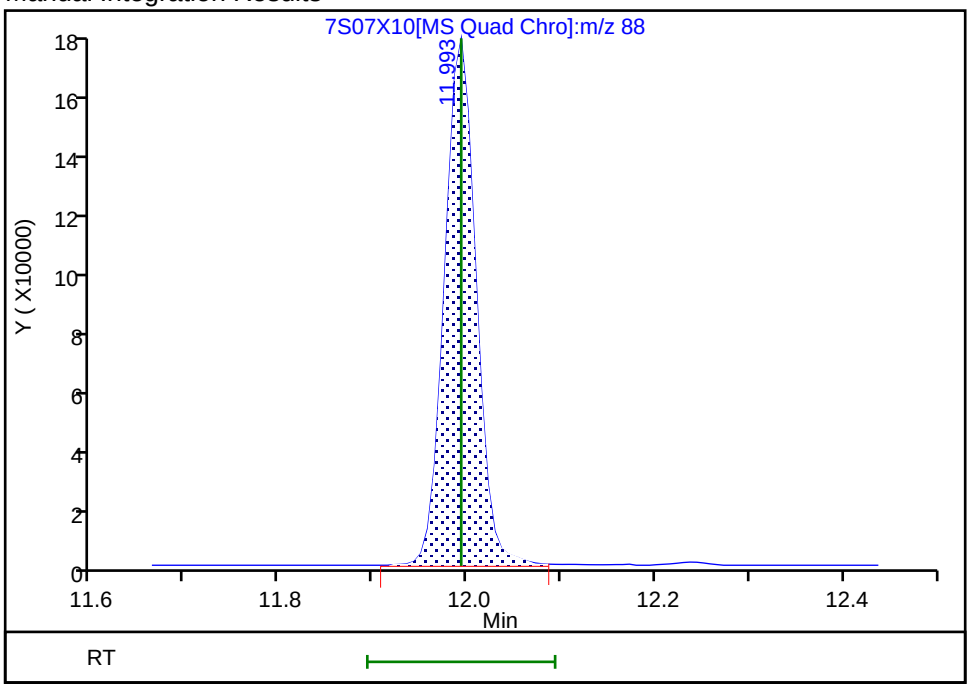
Processing Integration Results

RT: 11.99
Area: 408257
Amount: 27.795212
Amount Units: ppb v/v




Manual Integration Results

RT: 11.99
Area: 406951
Amount: 27.724699
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

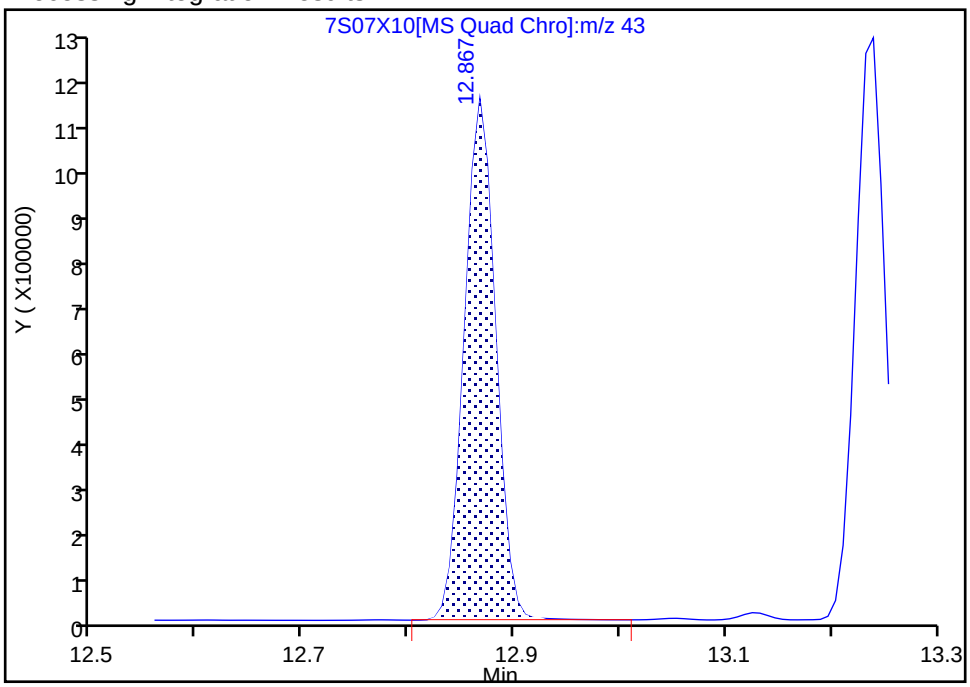
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

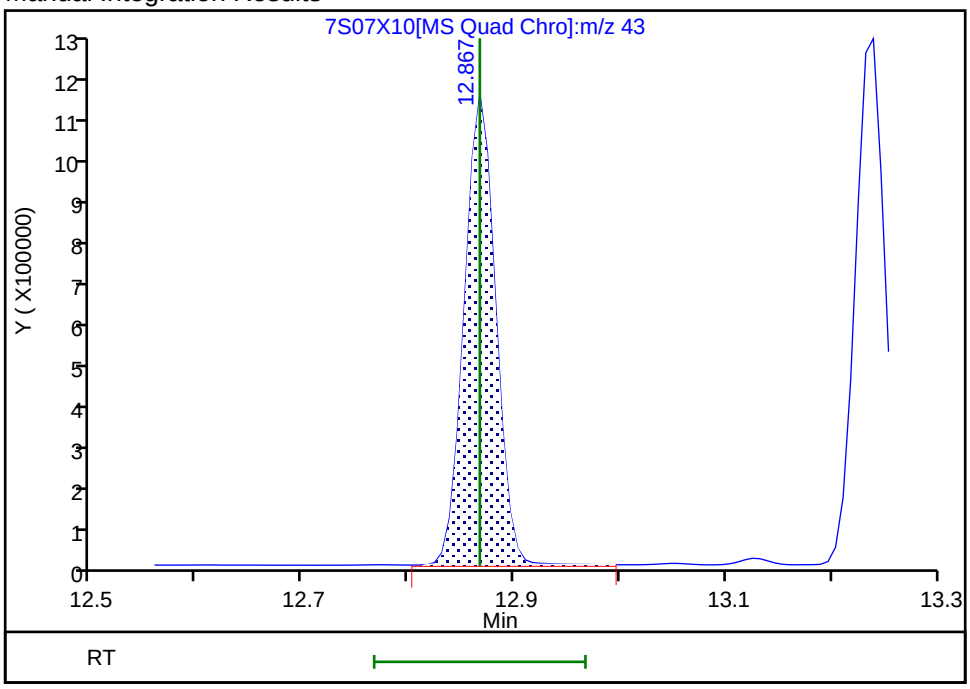
Processing Integration Results

RT: 12.87
Area: 2236011
Amount: 26.724496
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 2235001
Amount: 26.715262
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:51 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

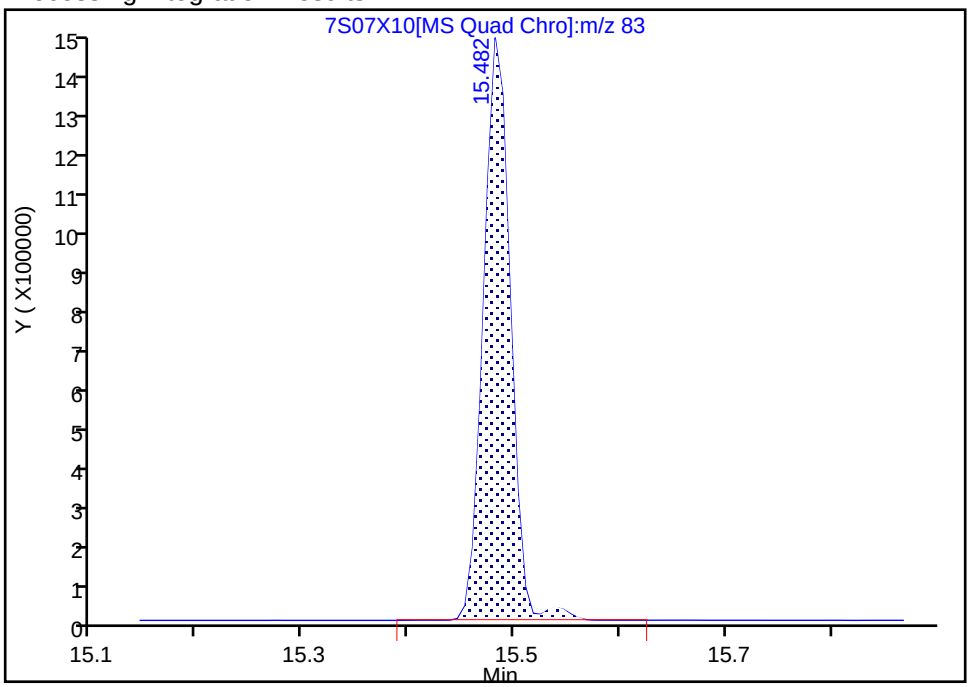
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

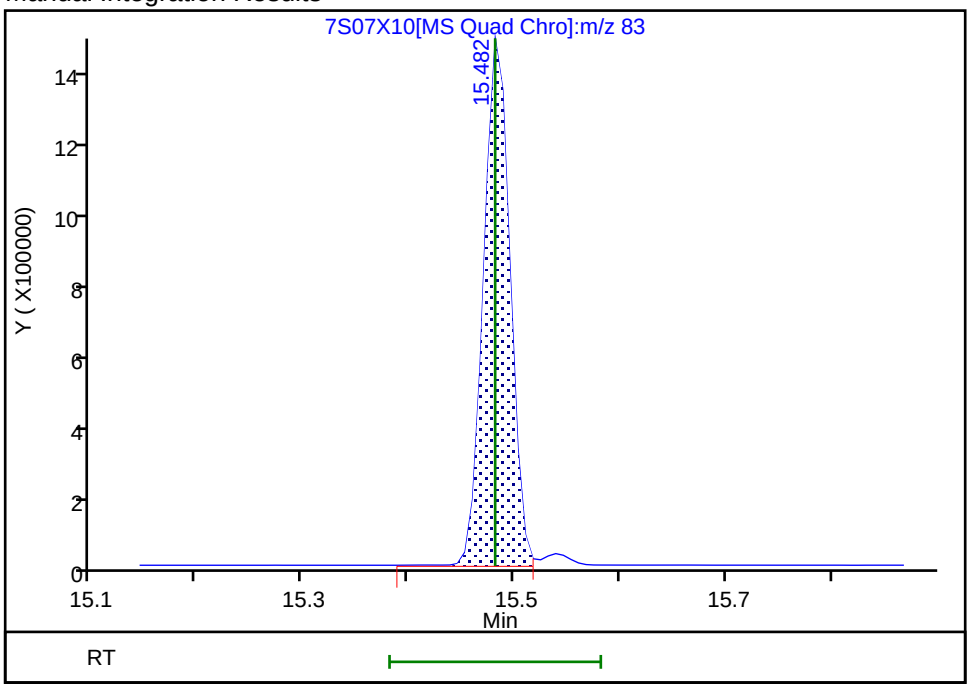
Processing Integration Results

RT: 15.48
Area: 2529727
Amount: 25.907569
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 2471808
Amount: 25.576230
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:39:56 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

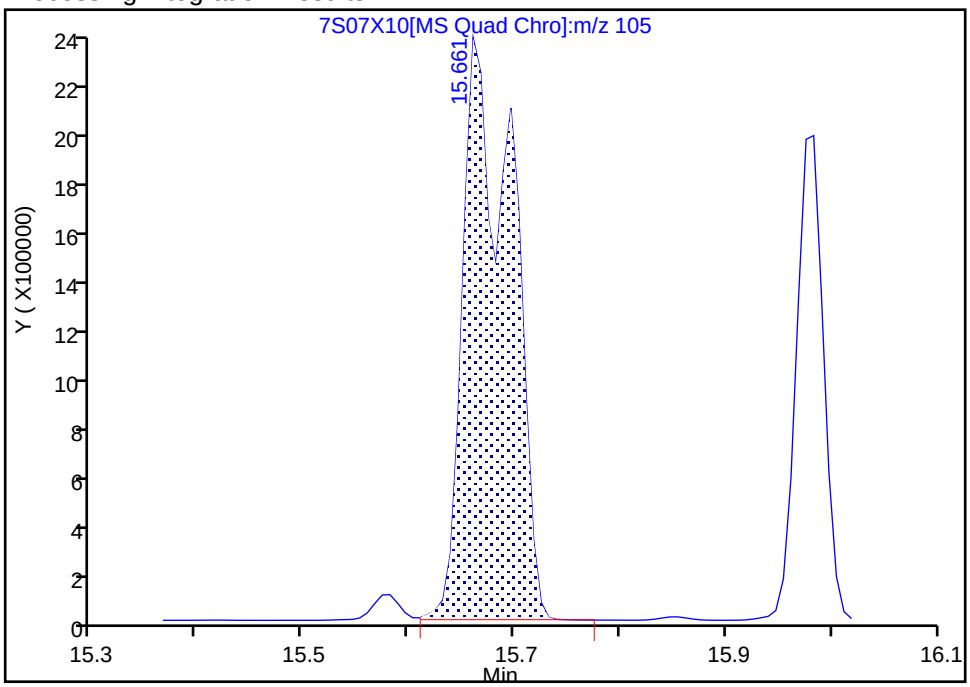
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

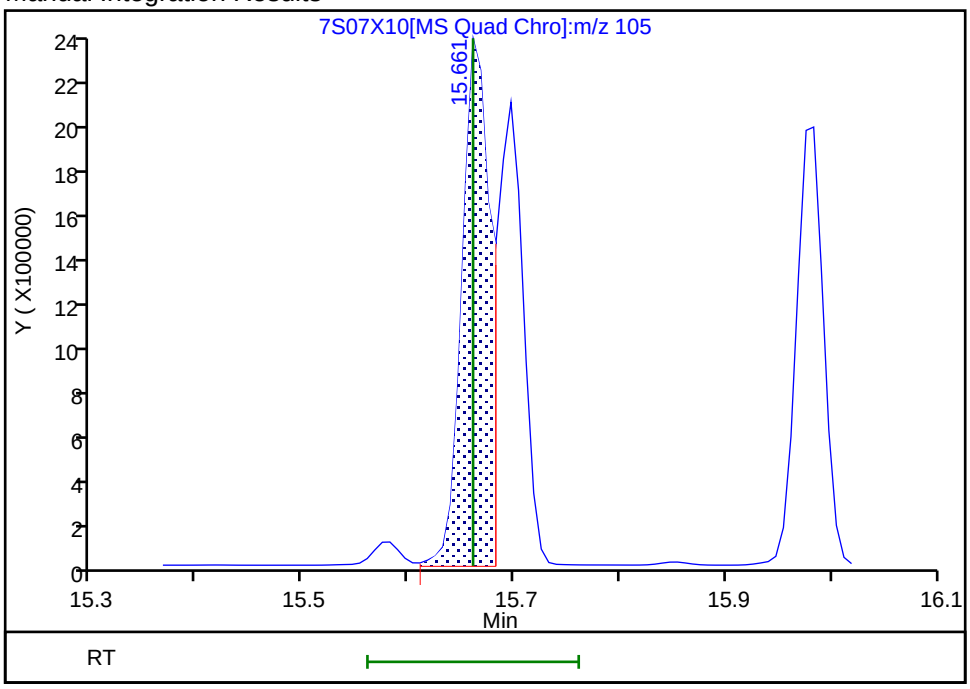
Processing Integration Results

RT: 15.66
Area: 7394755
Amount: 41.431692
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 4176281
Amount: 29.692356
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:40:02 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

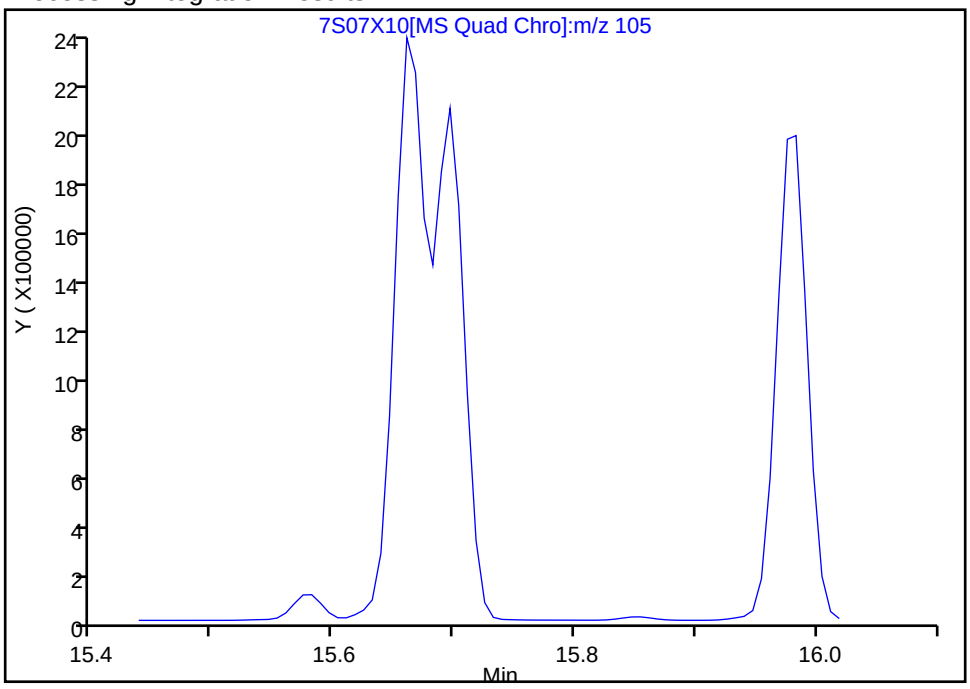
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

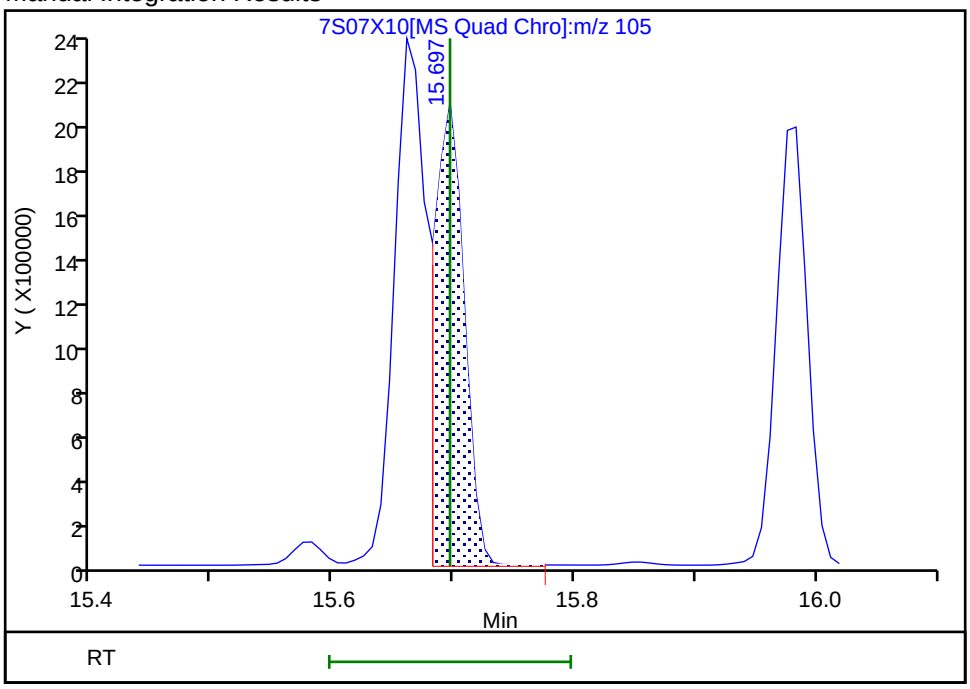
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 3218474
Amount: 28.583898
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:40:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

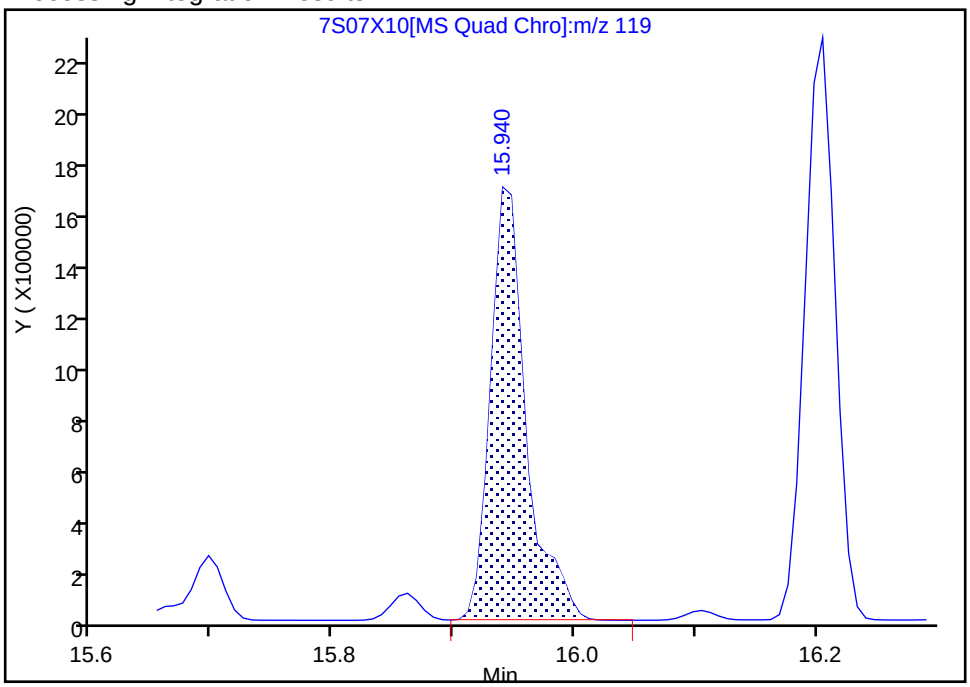
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

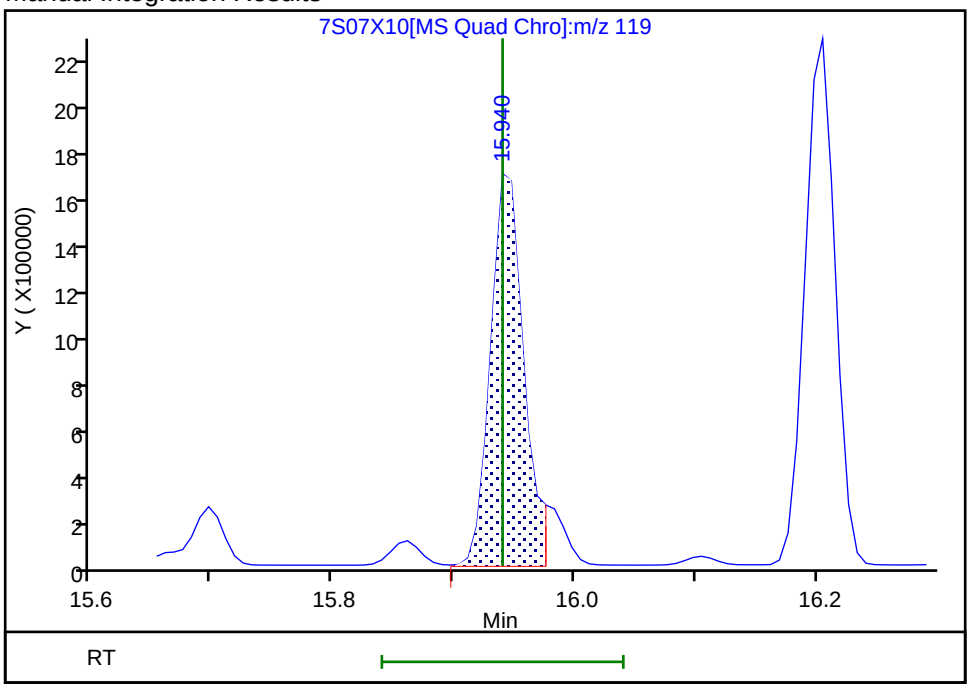
Processing Integration Results

RT: 15.94
Area: 3430745
Amount: 28.382343
Amount Units: ppb v/v




Manual Integration Results

RT: 15.94
Area: 3153350
Amount: 28.110902
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:17:19 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Lims ID: IC Cal 50ppb
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Sep-2025 02:41:13 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 50PPB
Misc. Info.: 410-0158855-011
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:50:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 08-Sep-2025 13:55:27

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 1316195 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 3979326 | 50.0 | 46.0 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 80 | 2521436 | 50.0 | 51.5 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 4047500 | 50.0 | 52.6 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 89 | 1477472 | 50.0 | 47.7 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 99 | 2462009 | 50.0 | 42.4 | a |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 74 | 1652848 | 50.0 | 52.5 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 1251805 | 50.0 | 51.2 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 1149303 | 50.0 | 49.0 | |
| 9 Chloroethane | 64 | 4.916 | 4.909 | 0.007 | 94 | 818978 | 50.0 | 43.0 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 1432131 | 50.0 | 46.9 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 82 | 3611380 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 88 | 3794042 | 50.0 | 48.2 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 97 | 2903540 | NC | NC | |
| 14 Ethanol | 45 | 5.647 | 5.661 | -0.014 | 97 | 393271 | NC | NC | M |
| 19 Acrolein | 56 | 6.141 | 6.148 | -0.007 | 93 | 740027 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 2438928 | 50.0 | 45.8 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 89 | 1848120 | 50.0 | 47.1 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 2534459 | 50.0 | 45.1 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 99 | 1958633 | 50.0 | 47.1 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 99 | 3475697 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.750 | 6.757 | -0.007 | 100 | 4845550 | 50.0 | 43.0 | |
| 28 Acetonitrile | 41 | 6.821 | 6.829 | -0.008 | 99 | 1560874 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 2215172 | 50.0 | 42.7 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 1289102 | 50.0 | 43.2 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 97 | 2172133 | 57.0 | 62.9 | |
| 31 Acrylonitrile | 53 | 7.523 | 7.531 | -0.008 | 96 | 1442908 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.624 | 7.631 | -0.007 | 89 | 4282893 | 50.0 | 52.5 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 91 | 2575933 | 50.0 | 45.5 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 94 | 1295701 | 50.0 | 44.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.319 | 8.326 | -0.007 | 97 | 392103 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 2976315 | 50.0 | 43.1 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 5989765 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.956 | 8.963 | -0.007 | 99 | 5255868 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.171 | 9.178 | -0.007 | 99 | 832794 | 50.0 | 52.1 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 62 | 2898443 | 50.0 | 45.1 | |
| 38 Ethyl acetate | 70 | 9.235 | 9.243 | -0.007 | 89 | 426064 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 93 | 3294829 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 71 | 378290 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.629 | 9.636 | -0.007 | 90 | 2080594 | 50.0 | 45.0 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 82 | 3361656 | 50.0 | 43.4 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 57 | 3168588 | 50.0 | 46.4 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 93 | 2738775 | 50.0 | 50.7 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 3196107 | 50.0 | 50.6 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 575727 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 94 | 4965537 | 50.0 | 43.4 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 90 | 2302139 | 50.0 | 43.6 | |
| 47 Tert-amyl methyl ether | 73 | 10.761 | 10.768 | -0.007 | 77 | 4765982 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 8766575 | 50.0 | 50.0 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 96 | 1790299 | 50.0 | 51.7 | |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 84 | 1416709 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.578 | 11.585 | -0.007 | 91 | 1976023 | 50.0 | 43.3 | |
| 52 Ethyl acrylate | 55 | 11.628 | 11.635 | -0.007 | 99 | 4158733 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 70 | 2144663 | 50.0 | 45.0 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 90 | 1990629 | 50.0 | 55.0 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 837964 | 50.0 | 54.1 | M |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 1749790 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.237 | 12.244 | -0.007 | 93 | 3730966 | 50.0 | 44.7 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 91 | 3317150 | 50.0 | 49.5 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 4585995 | 50.0 | 52.0 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1516821 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 5988243 | 50.0 | 45.4 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 4767628 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 2690711 | 50.0 | 50.9 | |
| 63 Ethyl methacrylate | 69 | 13.361 | 13.368 | -0.007 | 88 | 3321223 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 2097374 | 50.0 | 47.3 | |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 85 | 2552037 | 50.0 | 44.9 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 99 | 4412094 | 50.0 | 54.9 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 90 | 2834643 | 50.0 | 49.8 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 3274704 | 50.0 | 49.3 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 73 | 1281454 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 4512519 | 50.0 | 45.2 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 70 | 7807264 | 50.0 | 49.0 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 57 | 2437665 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 97 | 11768745 | 100.0 | 99.6 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 6170123 | 50.0 | 52.5 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 4692033 | 50.0 | 55.0 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 3312934 | 50.0 | 53.7 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 96 | 7870684 | 50.0 | 53.5 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 91 | 4972960 | 50.0 | 49.2 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 59 | 1194647 | NC | NC | |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 86 | 2535396 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 2212612 | 50.0 | 55.4 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 8276627 | 50.0 | 56.3 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 89 | 2005826 | 50.0 | 52.6 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 67 | 6527926 | 50.0 | 55.5 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 3846672 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 76 | 6394301 | 50.0 | 54.5 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 6929144 | 50.0 | 55.7 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 9498943 | 50.0 | 53.2 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 7809161 | 50.0 | 55.2 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 96 | 4431636 | 50.0 | 53.7 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 4499786 | 50.0 | 54.2 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 97 | 1238937 | 50.0 | 63.6 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 99 | 4498530 | 50.0 | 58.9 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 90 | 4226204 | 50.0 | 55.4 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 95 | 2951624 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 79 | 2205444 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 3179453 | 50.0 | 61.7 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 91 | 2579118 | 50.0 | 55.6 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 7588783 | 50.0 | 62.0 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 5474376 | 100.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 100.0 | 100.3 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 17938868 | 150.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL50.0_00191 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:50:14 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004

Lims ID: IC Cal 50ppb

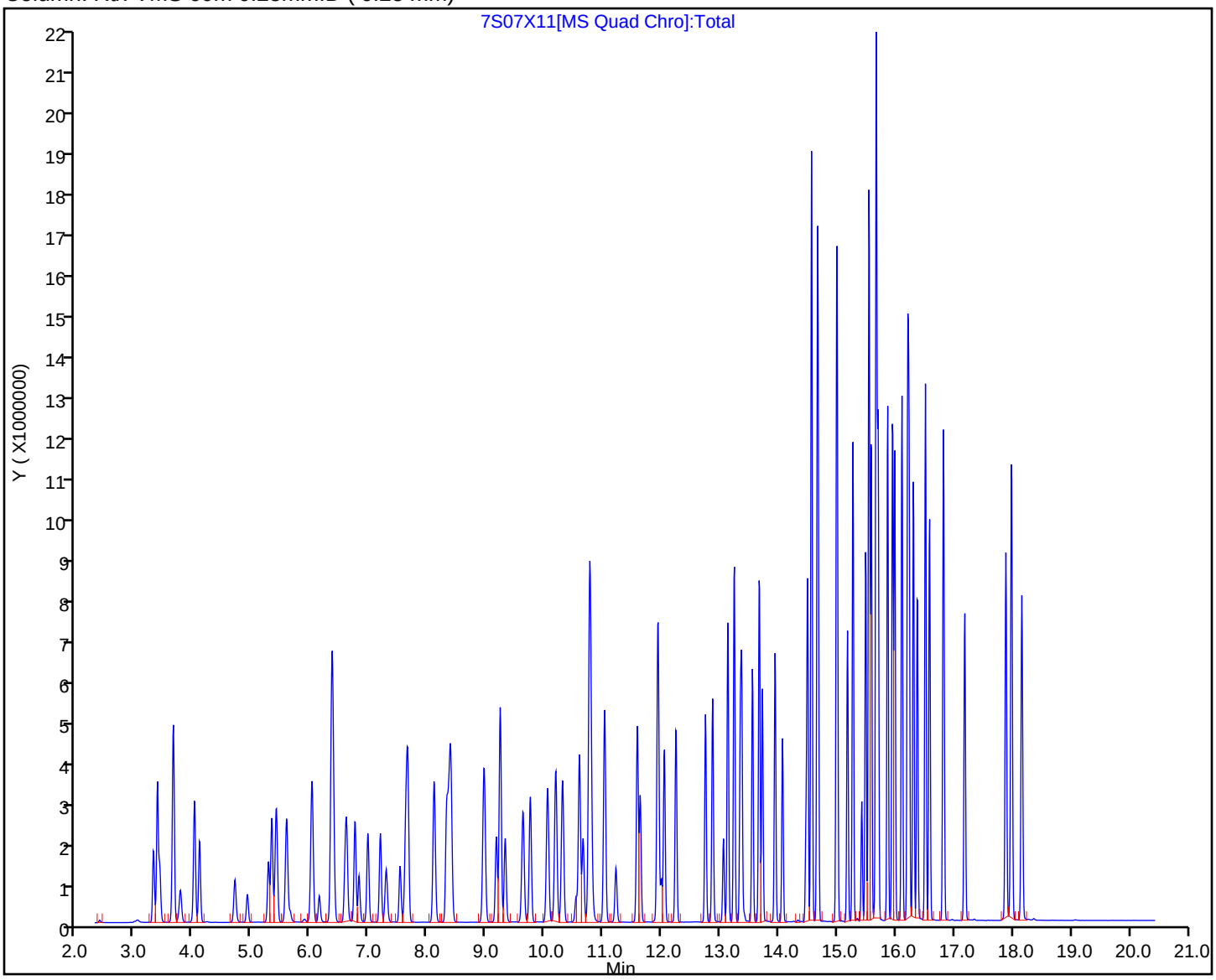
Client ID:

Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

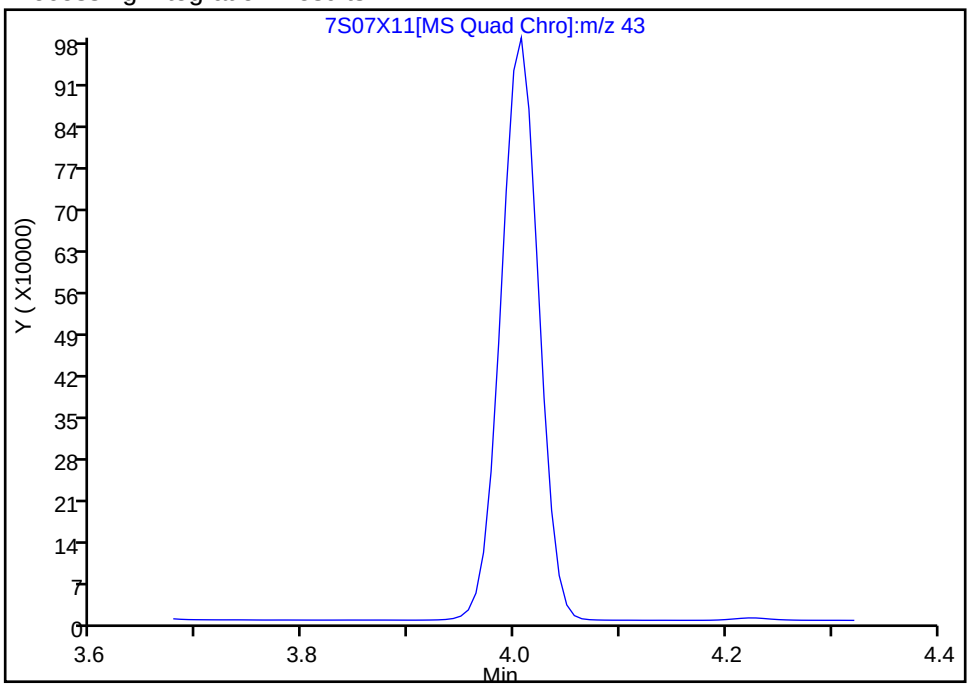
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

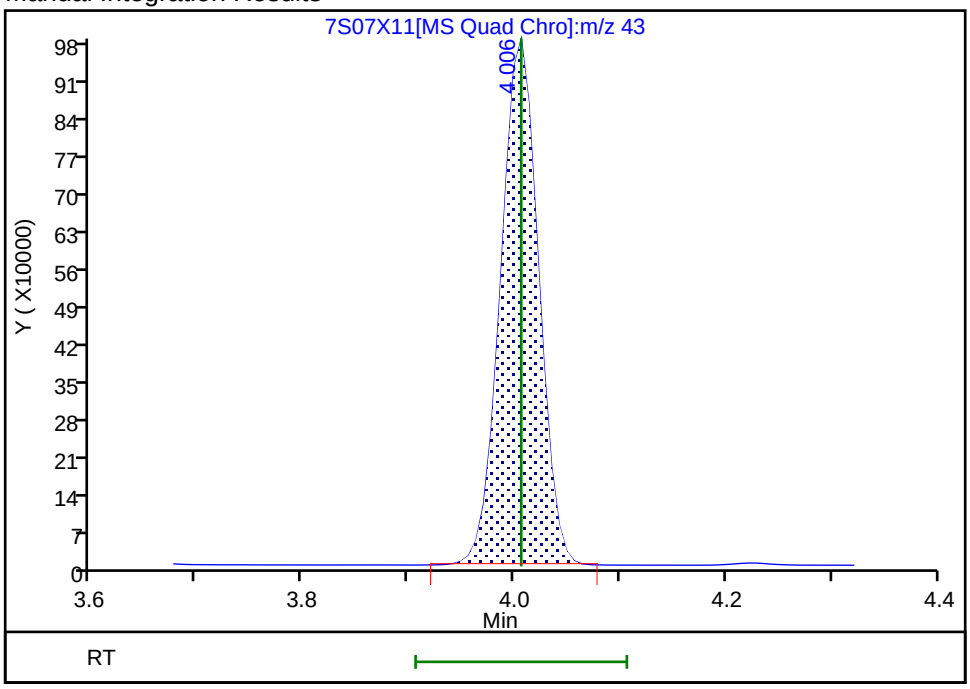
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 2462009
Amount: 42.387777
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

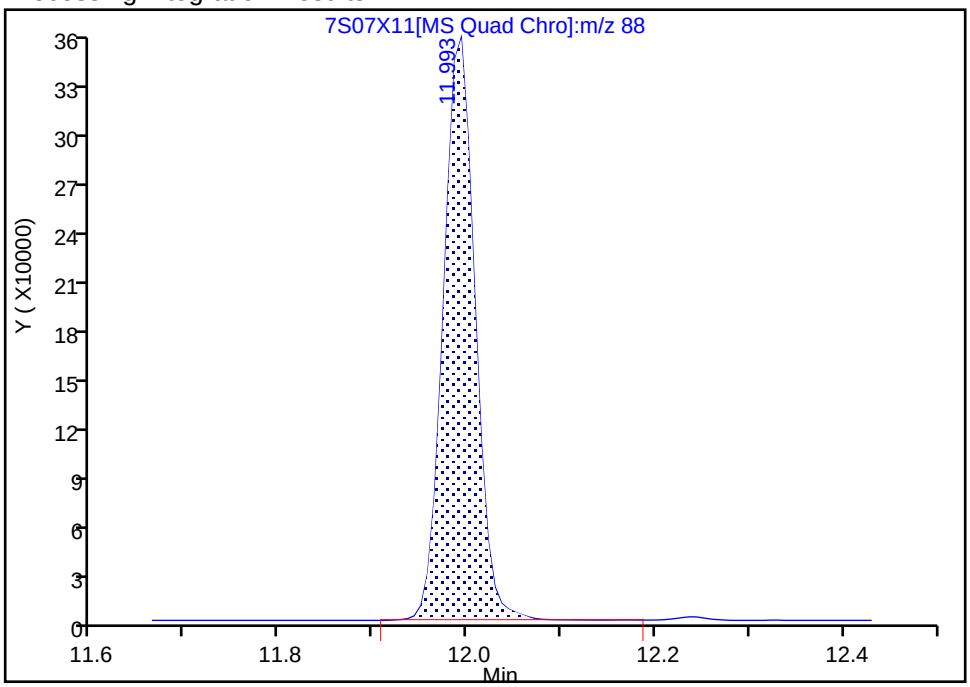
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

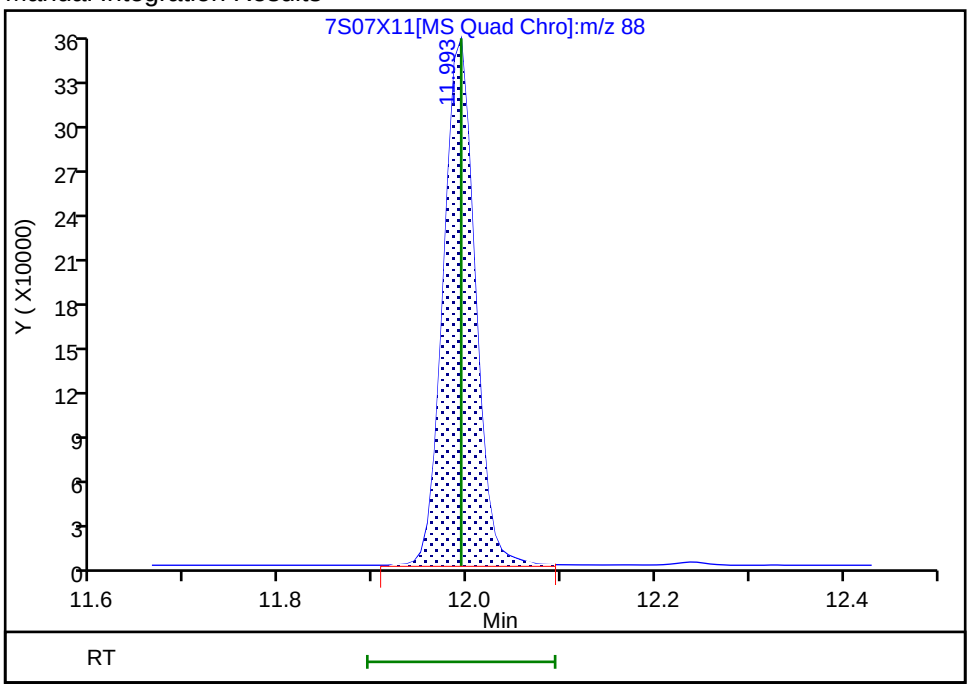
Processing Integration Results

RT: 11.99
Area: 839322
Amount: 54.213527
Amount Units: ppb v/v




Manual Integration Results

RT: 11.99
Area: 837964
Amount: 54.137683
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:05:06 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

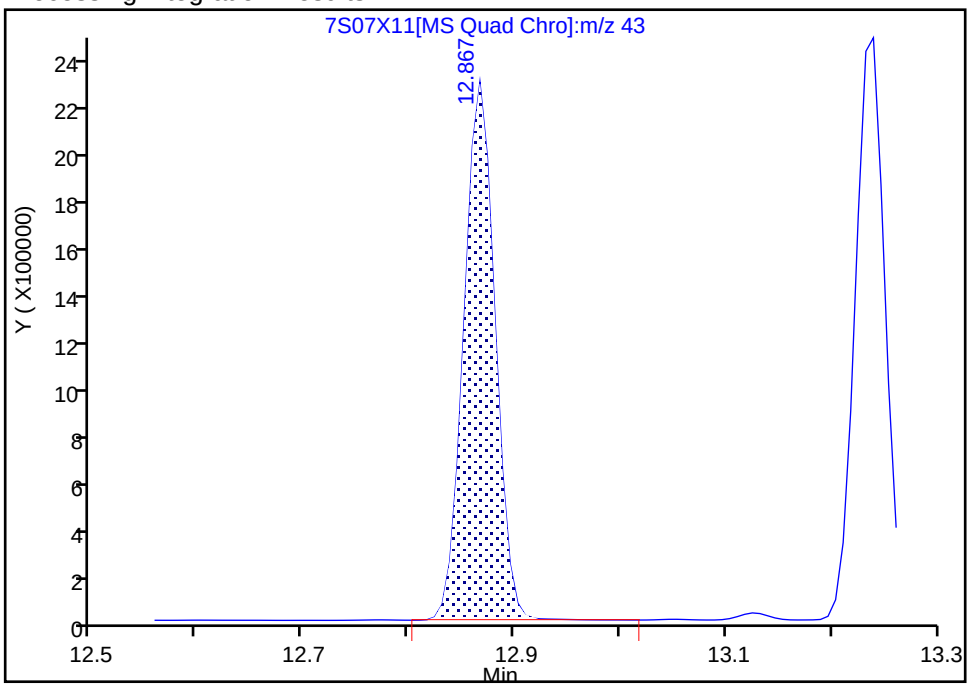
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

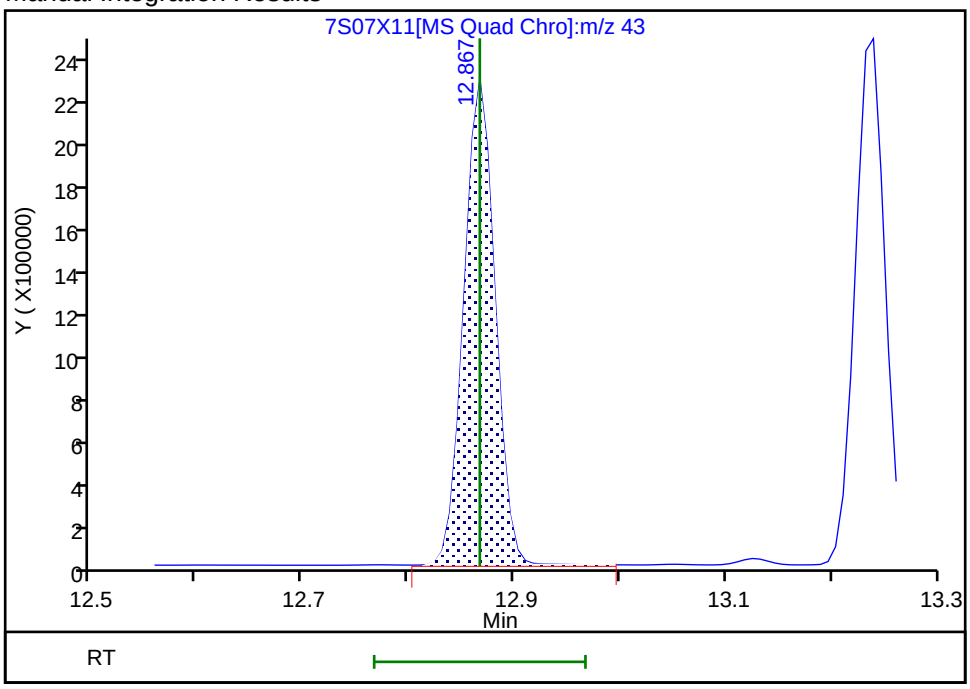
Processing Integration Results

RT: 12.87
Area: 4588083
Amount: 52.004357
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 4585995
Amount: 51.983424
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:05:12 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

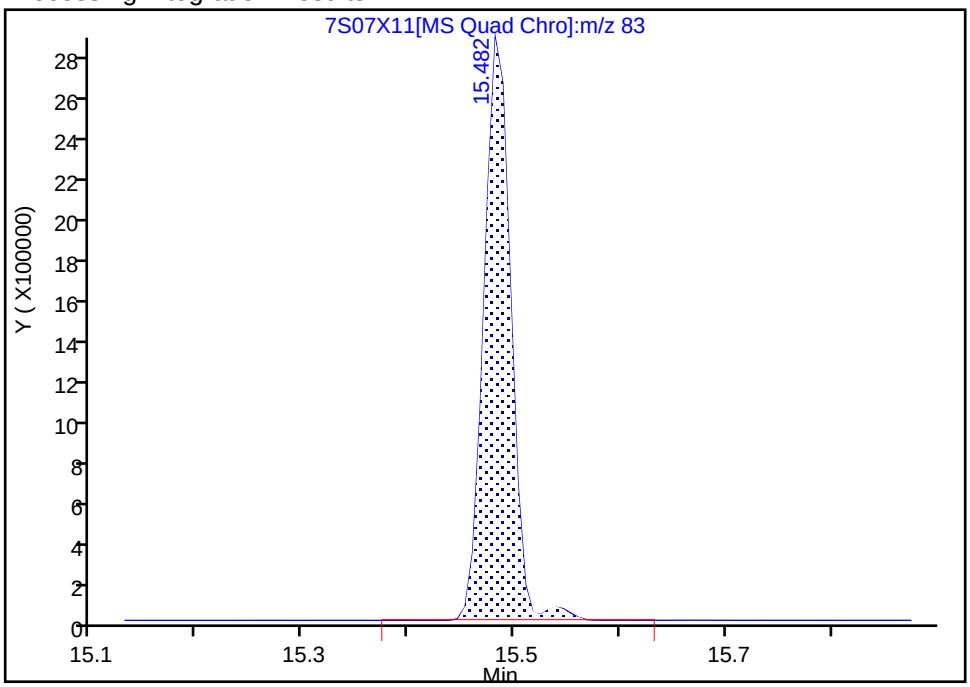
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

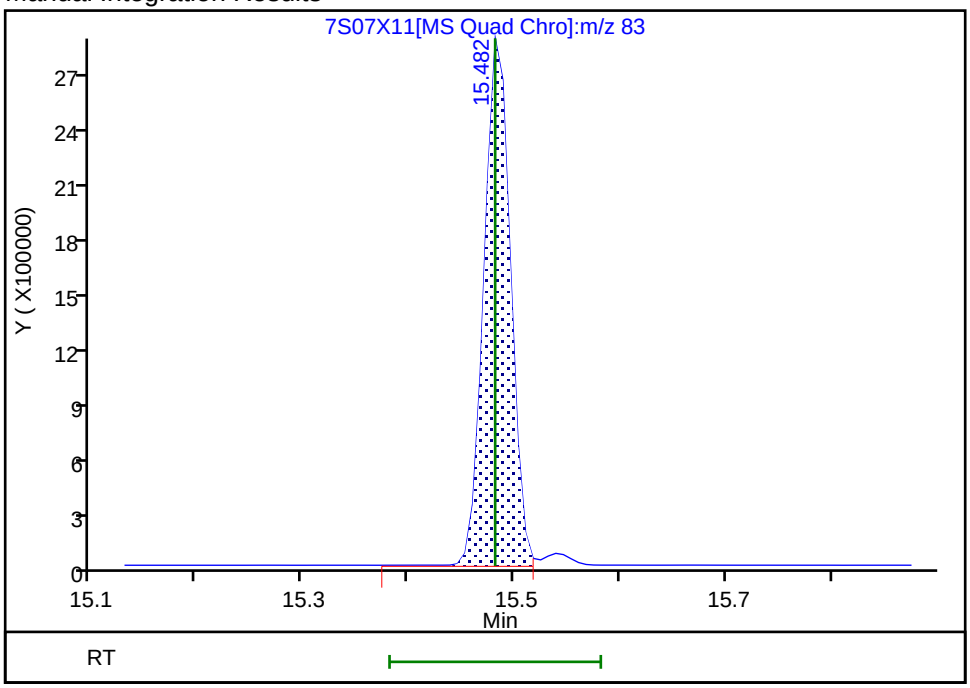
Processing Integration Results

RT: 15.48
Area: 5093589
Amount: 50.038718
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 4972960
Amount: 49.228841
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:07 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

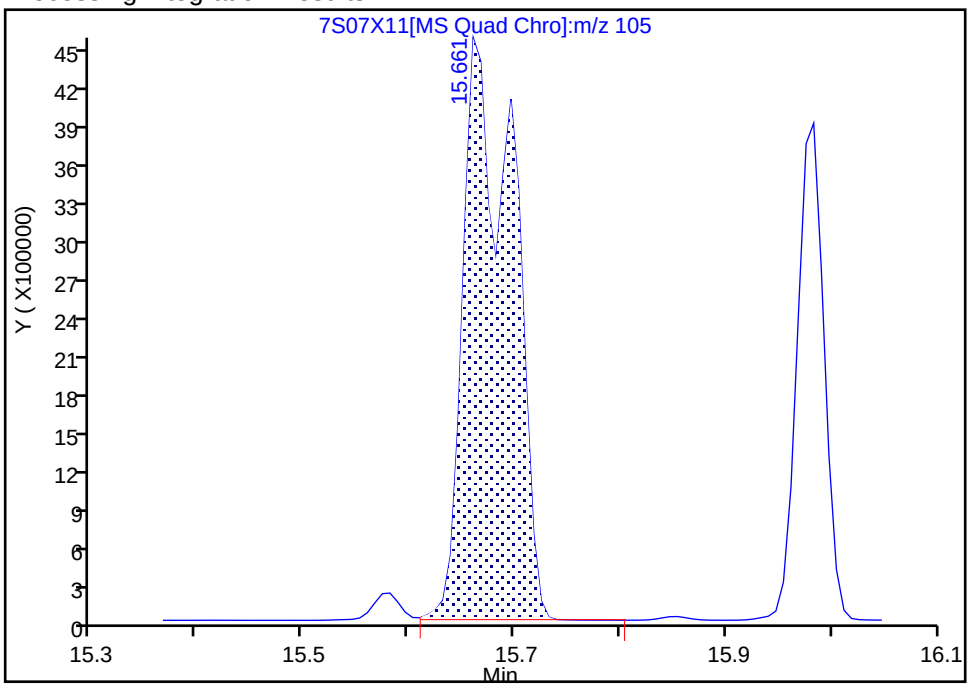
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

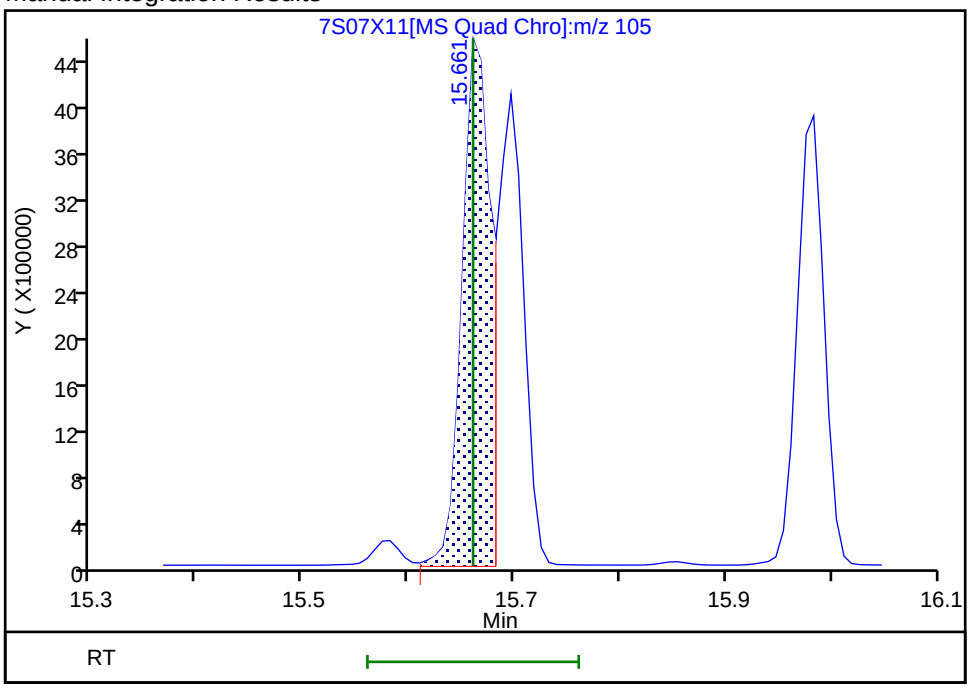
Processing Integration Results

RT: 15.66
Area: 14804554
Amount: 86.271564
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 8276627
Amount: 56.297767
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:16 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

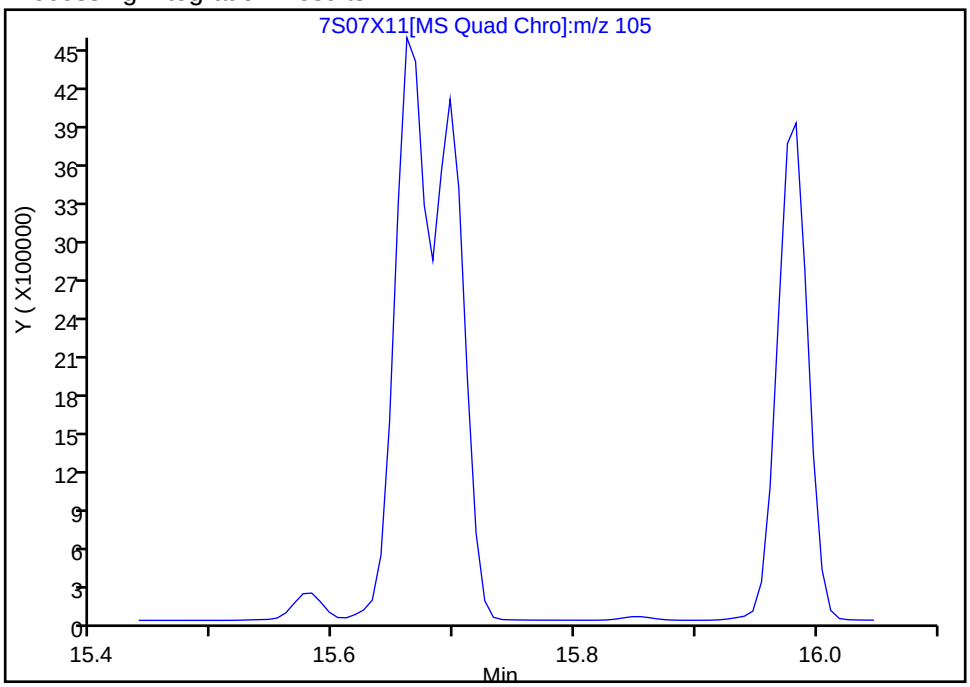
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

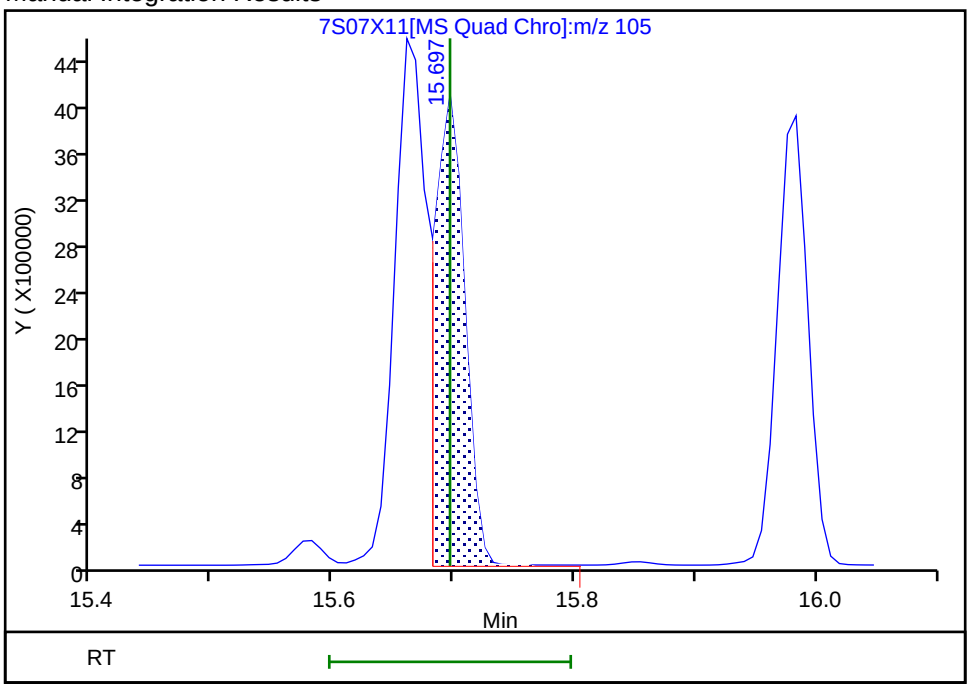
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 6527926
Amount: 55.466341
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

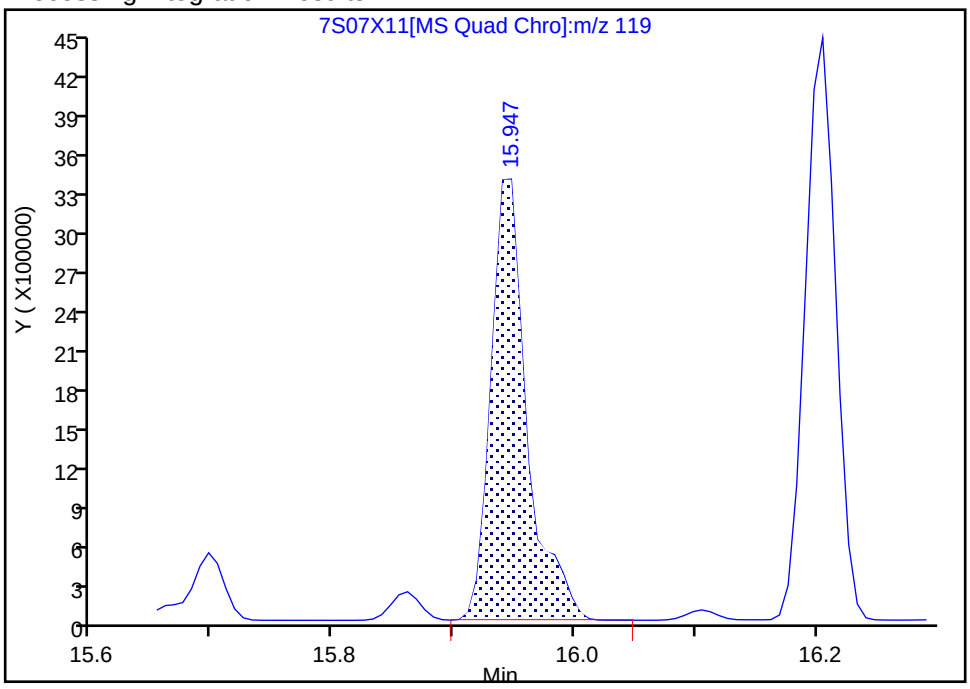
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

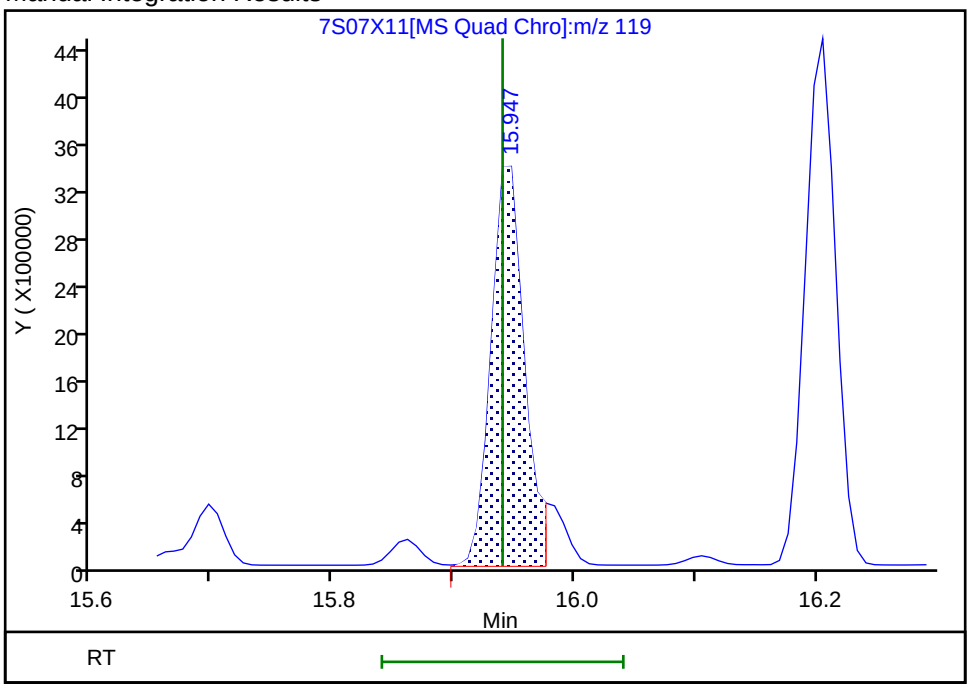
Processing Integration Results

RT: 15.95
Area: 6984246
Amount: 54.711552
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 6394301
Amount: 54.535402
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:16:24 -04:00:00 (UTC)

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

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

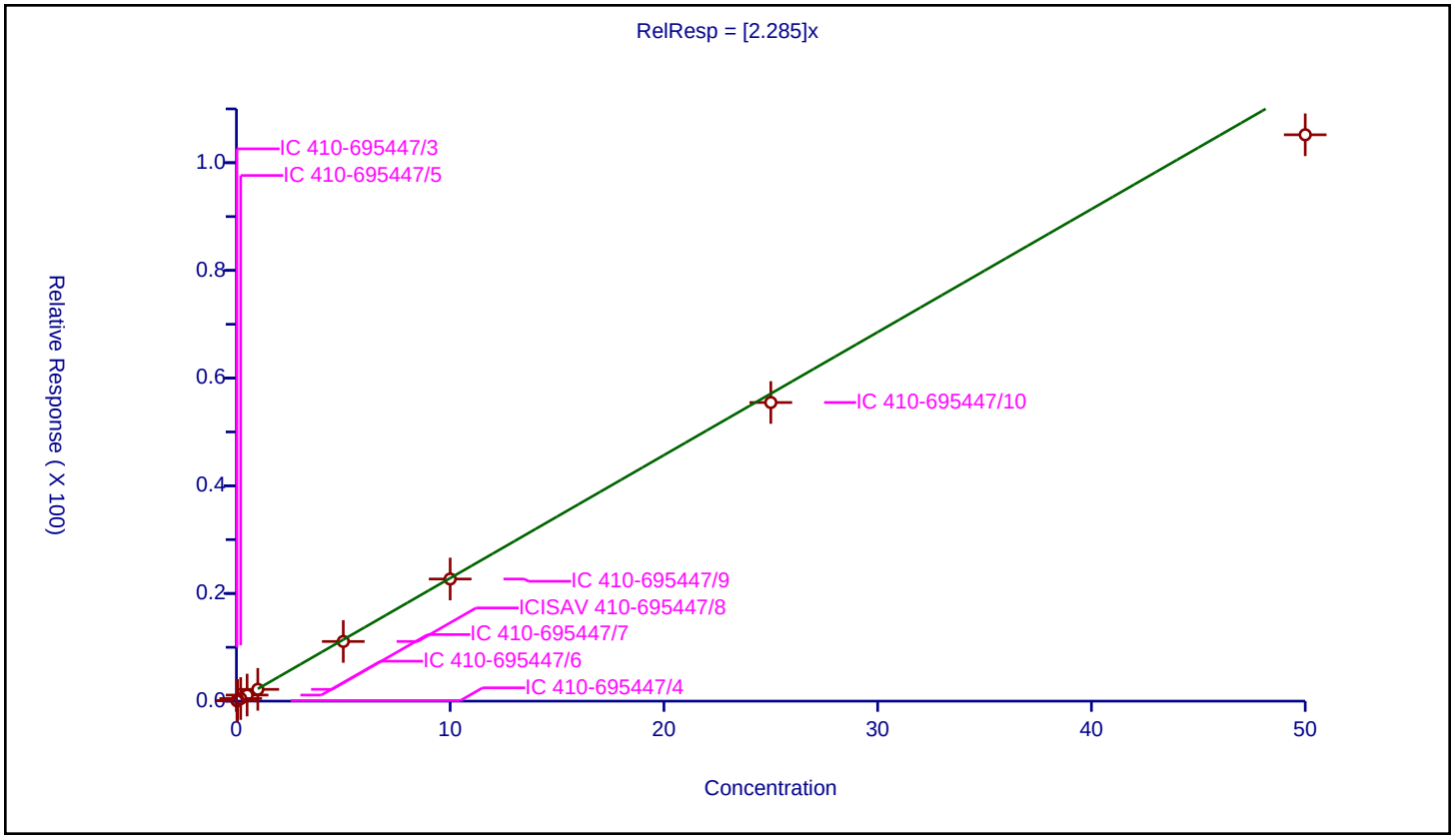
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.285 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.06819 | 10.0 | 332307.0 | 2.727598 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.108667 | 10.0 | 332852.0 | 2.173338 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.480958 | 10.0 | 341173.0 | 2.404792 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.128689 | 10.0 | 333502.0 | 2.257378 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.189707 | 10.0 | 332839.0 | 2.189707 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 11.085067 | 10.0 | 348421.0 | 2.217013 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.685205 | 10.0 | 349612.0 | 2.268521 | Y |
| 8 | IC 410-695447/10 | 25.0 | 55.468178 | 10.0 | 350892.0 | 2.218727 | Y |
| 9 | IC 410-695447/11 | 50.0 | 105.192471 | 10.0 | 378290.0 | 2.103849 | Y |



## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

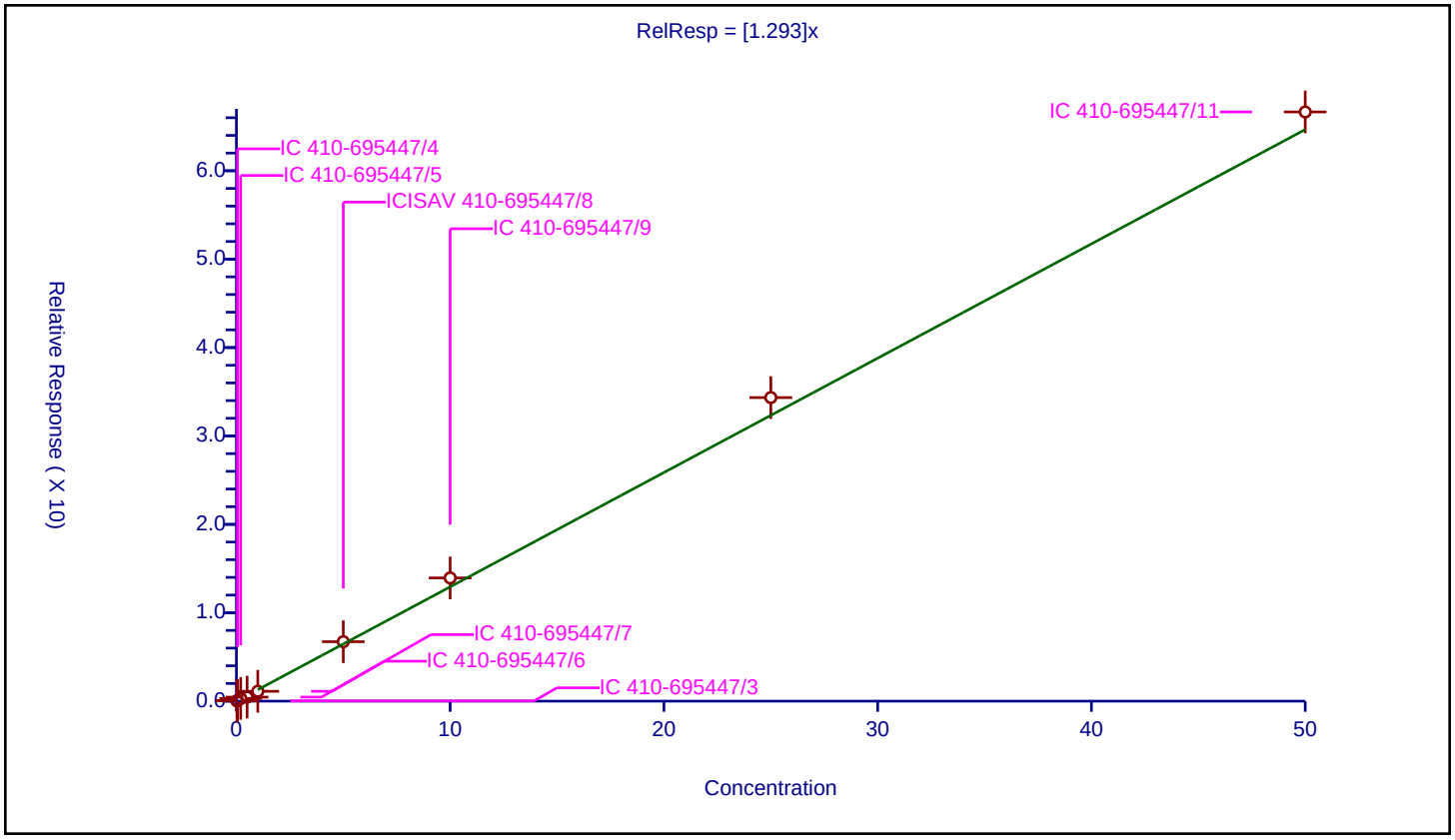
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.293 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.029912 | 10.0 | 332307.0 | 1.196484 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.071894 | 10.0 | 332852.0 | 1.437876 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.306531 | 10.0 | 341173.0 | 1.532654 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.457089 | 10.0 | 333502.0 | 0.914177 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.112129 | 10.0 | 332839.0 | 1.112129 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.724939 | 10.0 | 348421.0 | 1.344988 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.938738 | 10.0 | 349612.0 | 1.393874 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.340709 | 10.0 | 350892.0 | 1.373628 | Y |
| 9 | IC 410-695447/11 | 50.0 | 66.65352 | 10.0 | 378290.0 | 1.33307 | Y |






10/15/2025
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## Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

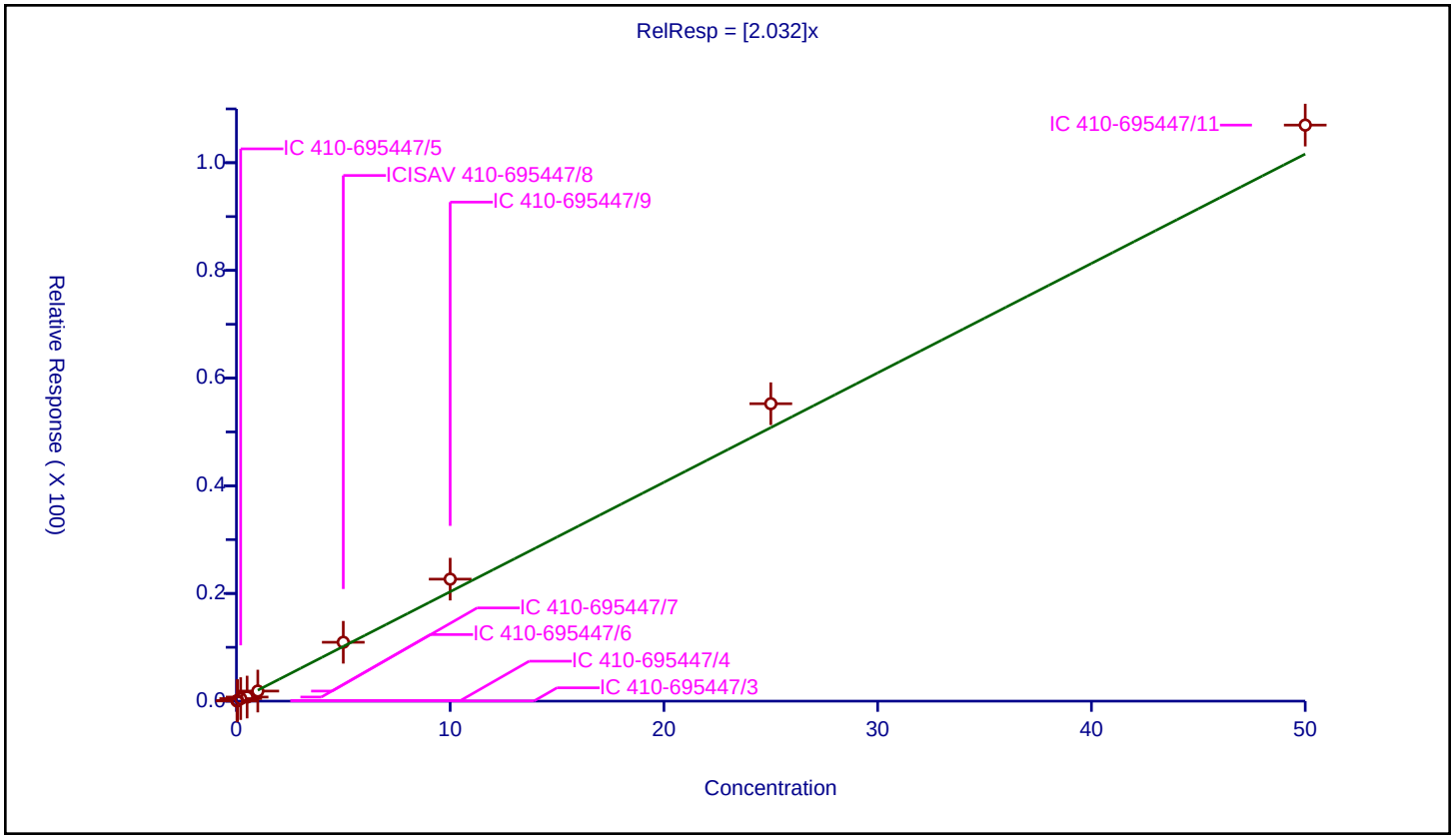
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.032 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.043303 | 10.0 | 332307.0 | 1.732133 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.100255 | 10.0 | 332852.0 | 2.005095 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.472429 | 10.0 | 341173.0 | 2.362145 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.758676 | 10.0 | 333502.0 | 1.517352 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.871806 | 10.0 | 332839.0 | 1.871806 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.935535 | 10.0 | 348421.0 | 2.187107 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.659119 | 10.0 | 349612.0 | 2.265912 | Y |
| 8 | IC 410-695447/10 | 25.0 | 55.24147 | 10.0 | 350892.0 | 2.209659 | Y |
| 9 | IC 410-695447/11 | 50.0 | 106.994634 | 10.0 | 378290.0 | 2.139893 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

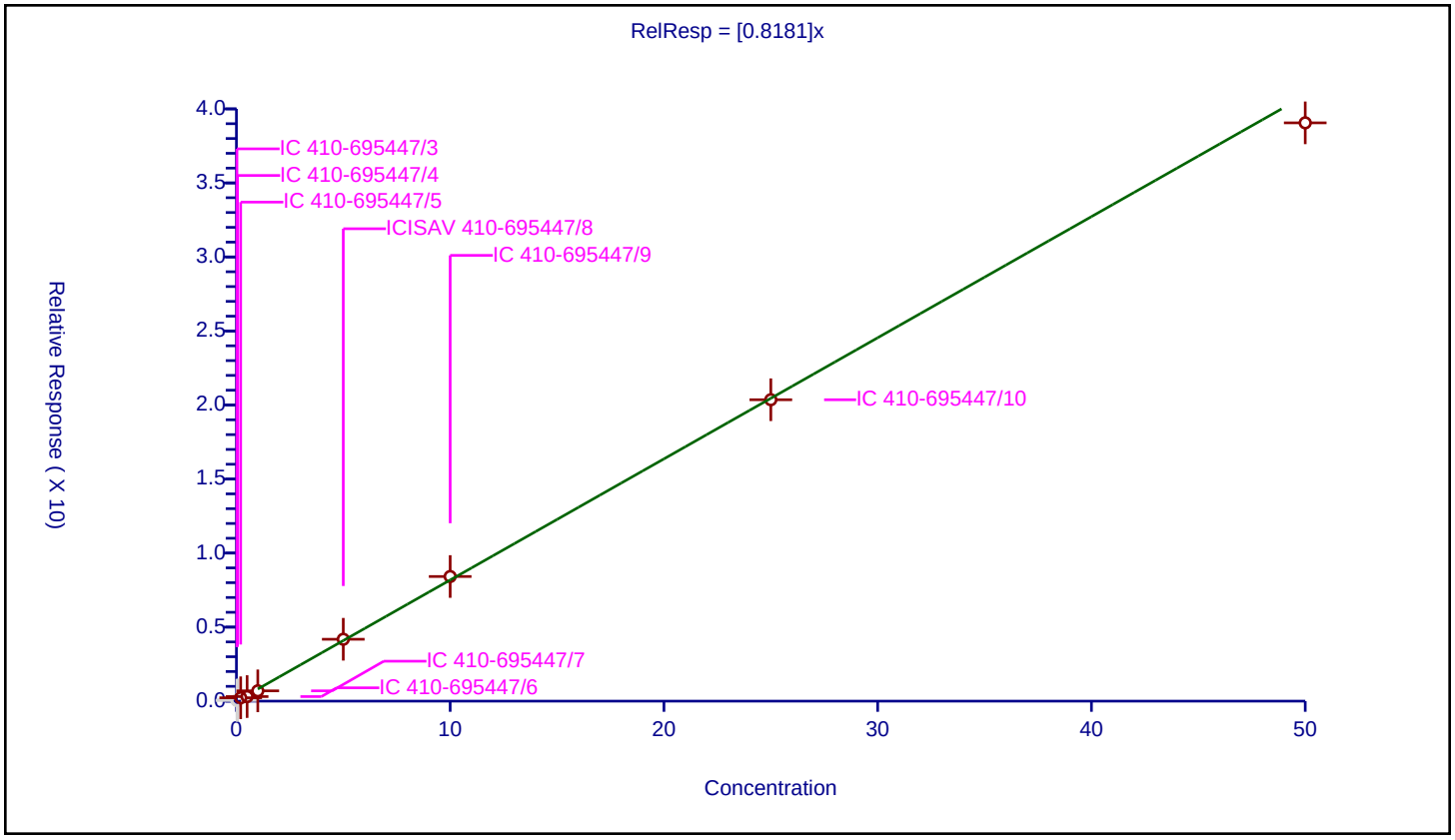
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8181 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.043364 | 10.0 | 332307.0 | 1.734541 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.084452 | 10.0 | 332852.0 | 1.689039 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.22792 | 10.0 | 341173.0 | 1.139598 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.308994 | 10.0 | 333502.0 | 0.617987 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.695922 | 10.0 | 332839.0 | 0.695922 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.179742 | 10.0 | 348421.0 | 0.835948 | Y |
| 7 | IC 410-695447/9 | 10.0 | 8.417932 | 10.0 | 349612.0 | 0.841793 | Y |
| 8 | IC 410-695447/10 | 25.0 | 20.35746 | 10.0 | 350892.0 | 0.814298 | Y |
| 9 | IC 410-695447/11 | 50.0 | 39.056597 | 10.0 | 378290.0 | 0.781132 | Y |






10/15/2025
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## Calibration / Butane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

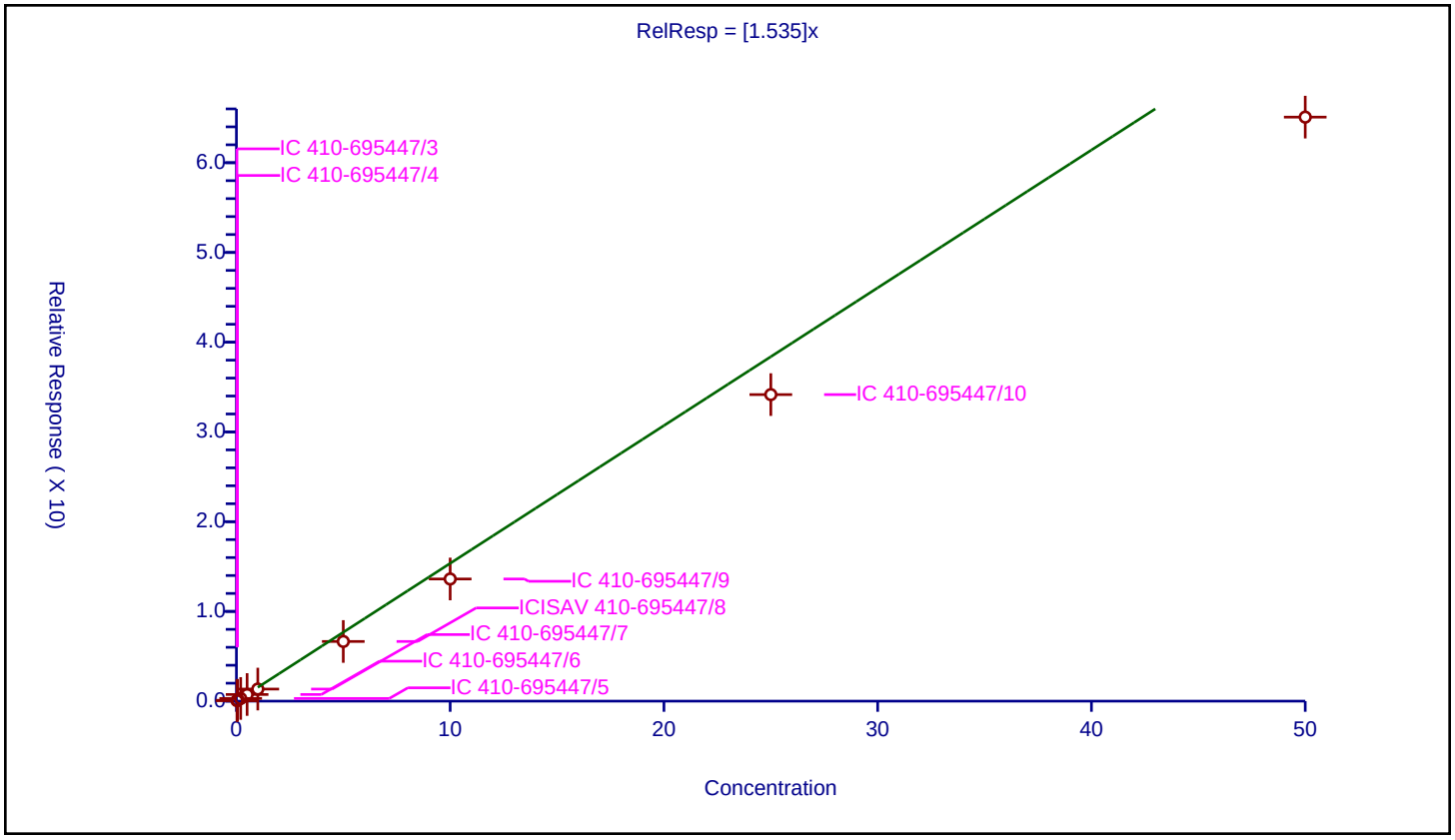
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.535 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.056213 | 10.0 | 332307.0 | 2.248523 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.094396 | 10.0 | 332852.0 | 1.887926 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.298998 | 10.0 | 341173.0 | 1.494989 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.740265 | 10.0 | 333502.0 | 1.480531 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.347318 | 10.0 | 332839.0 | 1.347318 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.649312 | 10.0 | 348421.0 | 1.329862 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.614264 | 10.0 | 349612.0 | 1.361426 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.161366 | 10.0 | 350892.0 | 1.366455 | Y |
| 9 | IC 410-695447/11 | 50.0 | 65.082582 | 10.0 | 378290.0 | 1.301652 | Y |






10/15/2025
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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

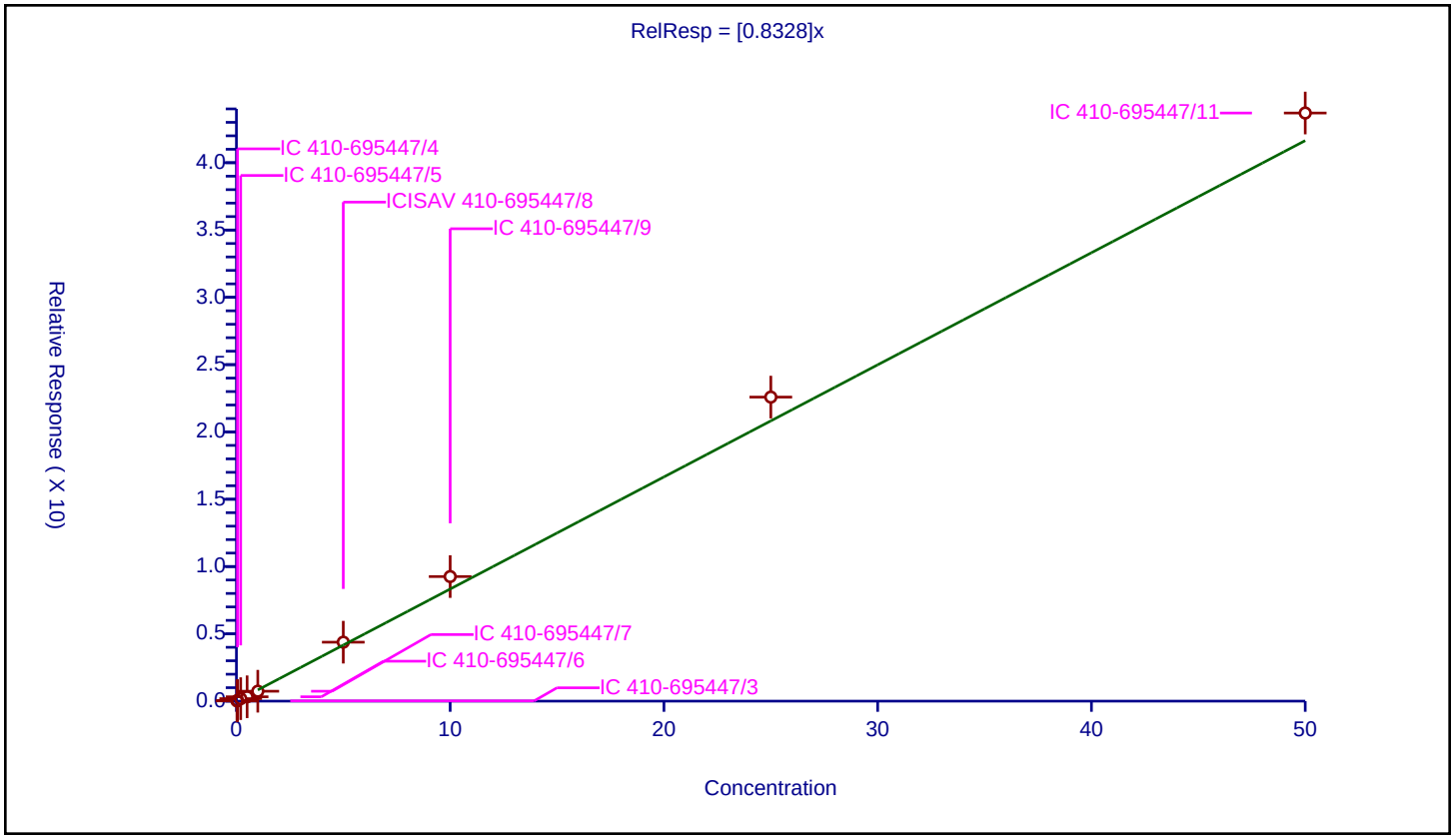
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8328 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018507 | 10.0 | 332307.0 | 0.740279 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.043323 | 10.0 | 332852.0 | 0.866451 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.185243 | 10.0 | 341173.0 | 0.926216 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.323596 | 10.0 | 333502.0 | 0.647193 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.736392 | 10.0 | 332839.0 | 0.736392 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.380362 | 10.0 | 348421.0 | 0.876072 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.256318 | 10.0 | 349612.0 | 0.925632 | Y |
| 8 | IC 410-695447/10 | 25.0 | 22.588745 | 10.0 | 350892.0 | 0.90355 | Y |
| 9 | IC 410-695447/11 | 50.0 | 43.692617 | 10.0 | 378290.0 | 0.873852 | Y |






10/15/2025
2:50:47 PM

## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

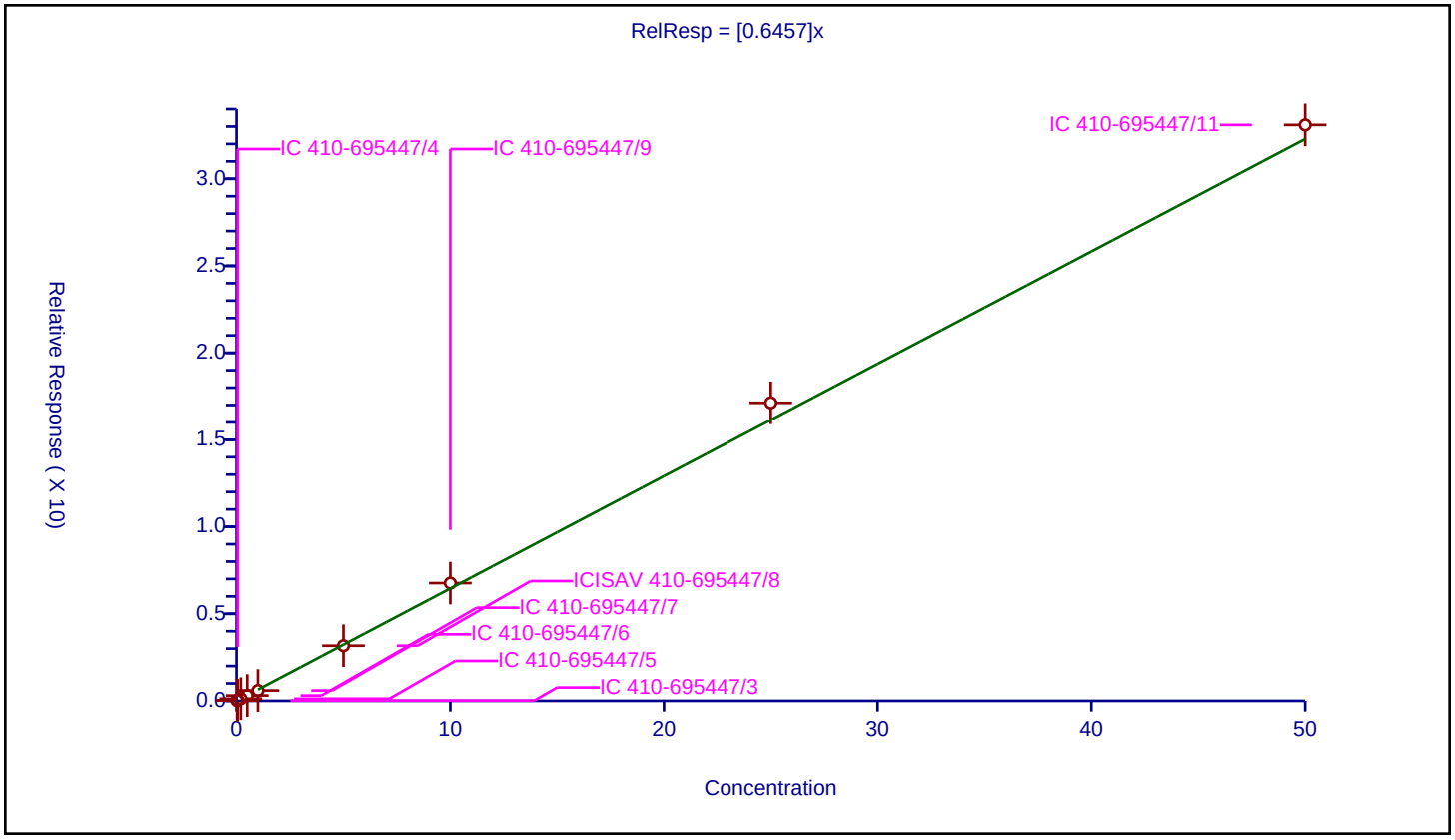
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6457 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014565 | 10.0 | 332307.0 | 0.582594 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.037224 | 10.0 | 332852.0 | 0.744475 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.124805 | 10.0 | 341173.0 | 0.624024 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.305665 | 10.0 | 333502.0 | 0.611331 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.591968 | 10.0 | 332839.0 | 0.591968 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.166887 | 10.0 | 348421.0 | 0.633377 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.764127 | 10.0 | 349612.0 | 0.676413 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.128461 | 10.0 | 350892.0 | 0.685138 | Y |
| 9 | IC 410-695447/11 | 50.0 | 33.091147 | 10.0 | 378290.0 | 0.661823 | Y |



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## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

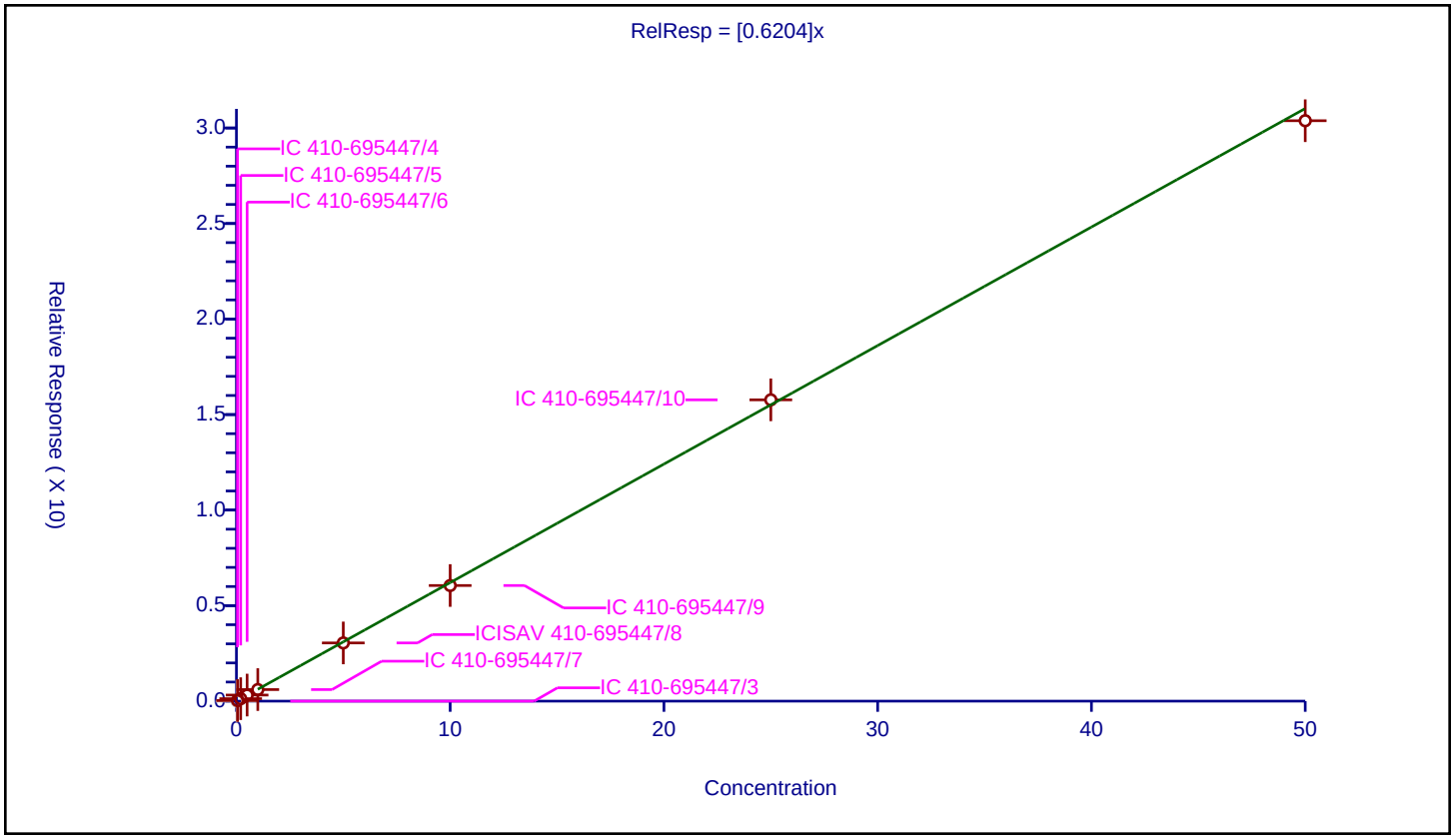
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6204 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.031065 | 10.0 | 332852.0 | 0.621297 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.129348 | 10.0 | 341173.0 | 0.646739 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.318379 | 10.0 | 333502.0 | 0.636758 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.605308 | 10.0 | 332839.0 | 0.605308 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.04709 | 10.0 | 348421.0 | 0.609418 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.051795 | 10.0 | 349612.0 | 0.605179 | Y |
| 8 | IC 410-695447/10 | 25.0 | 15.770379 | 10.0 | 350892.0 | 0.630815 | Y |
| 9 | IC 410-695447/11 | 50.0 | 30.381533 | 10.0 | 378290.0 | 0.607631 | Y |



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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

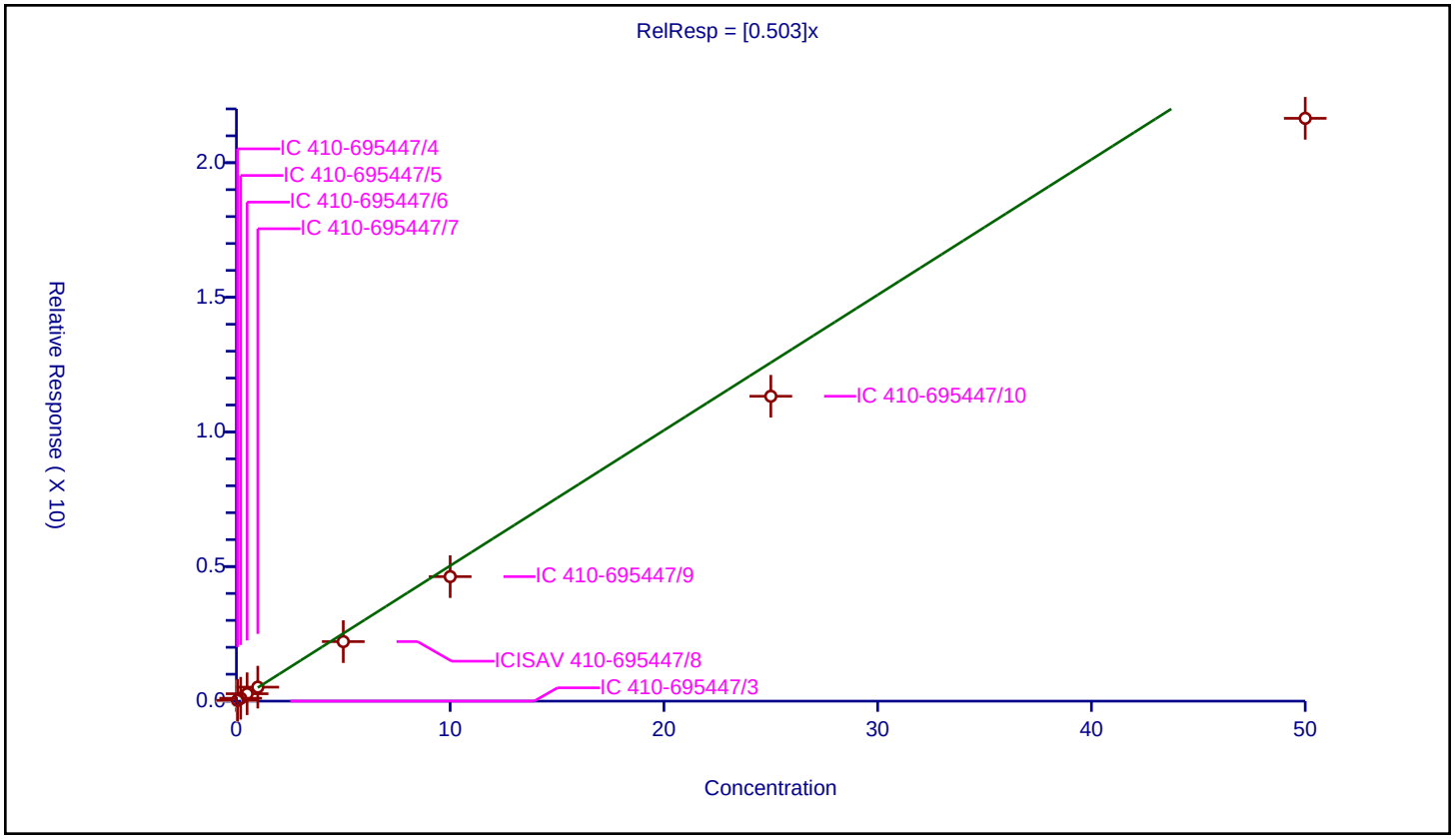
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.503 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.031305 | 10.0 | 332852.0 | 0.626104 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.107218 | 10.0 | 341173.0 | 0.536092 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.275441 | 10.0 | 333502.0 | 0.550881 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.520221 | 10.0 | 332839.0 | 0.520221 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.211405 | 10.0 | 348421.0 | 0.442281 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.625385 | 10.0 | 349612.0 | 0.462538 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.32528 | 10.0 | 350892.0 | 0.453011 | Y |
| 9 | IC 410-695447/11 | 50.0 | 21.649475 | 10.0 | 378290.0 | 0.43299 | Y |



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## Calibration / Vinyl bromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

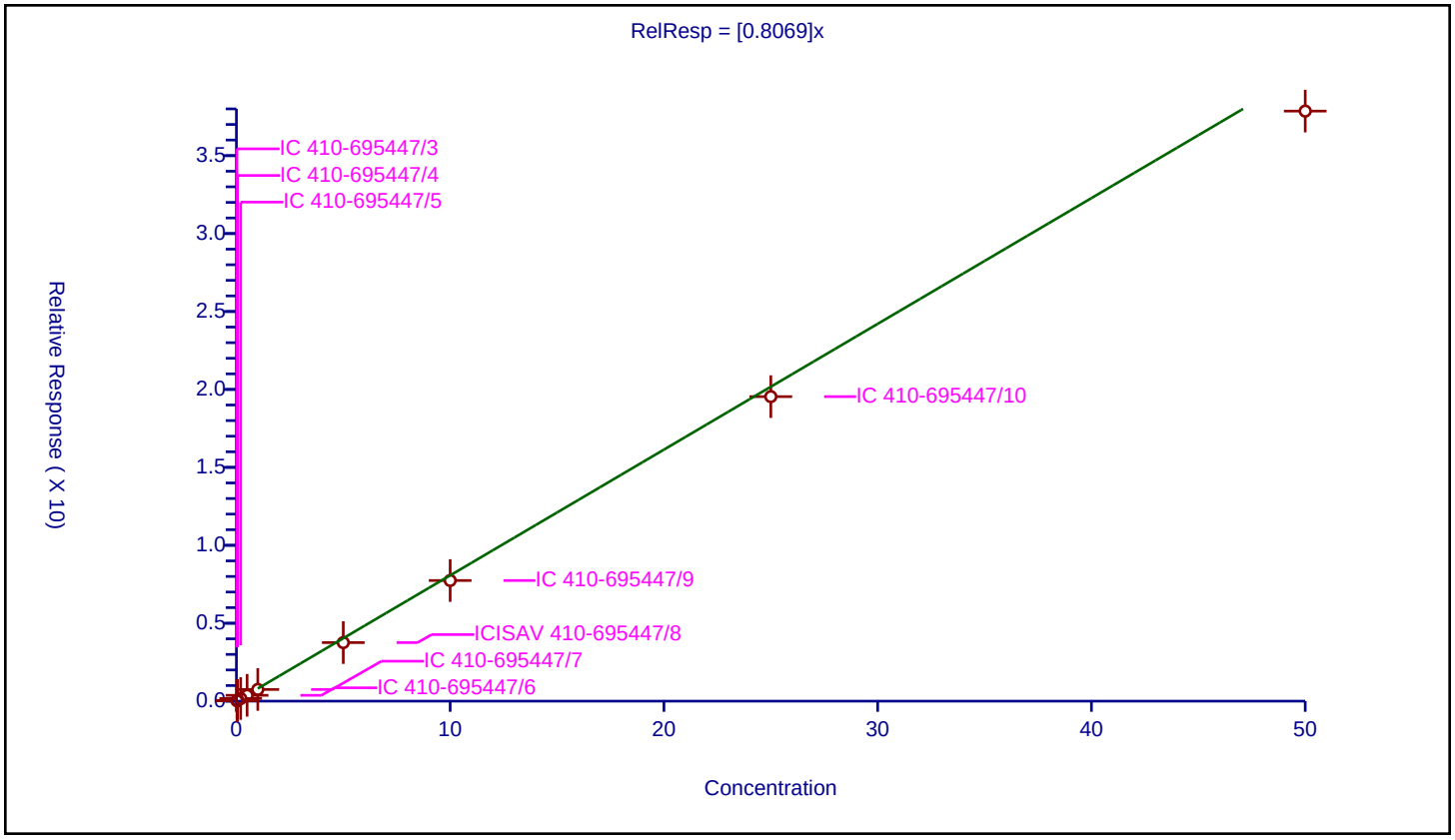
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8069 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023623 | 10.0 | 332307.0 | 0.944909 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.045275 | 10.0 | 332852.0 | 0.905508 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.170588 | 10.0 | 341173.0 | 0.85294 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.372681 | 10.0 | 333502.0 | 0.745363 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.749221 | 10.0 | 332839.0 | 0.749221 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.756691 | 10.0 | 348421.0 | 0.751338 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.74101 | 10.0 | 349612.0 | 0.774101 | Y |
| 8 | IC 410-695447/10 | 25.0 | 19.538177 | 10.0 | 350892.0 | 0.781527 | Y |
| 9 | IC 410-695447/11 | 50.0 | 37.858019 | 10.0 | 378290.0 | 0.75716 | Y |



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## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

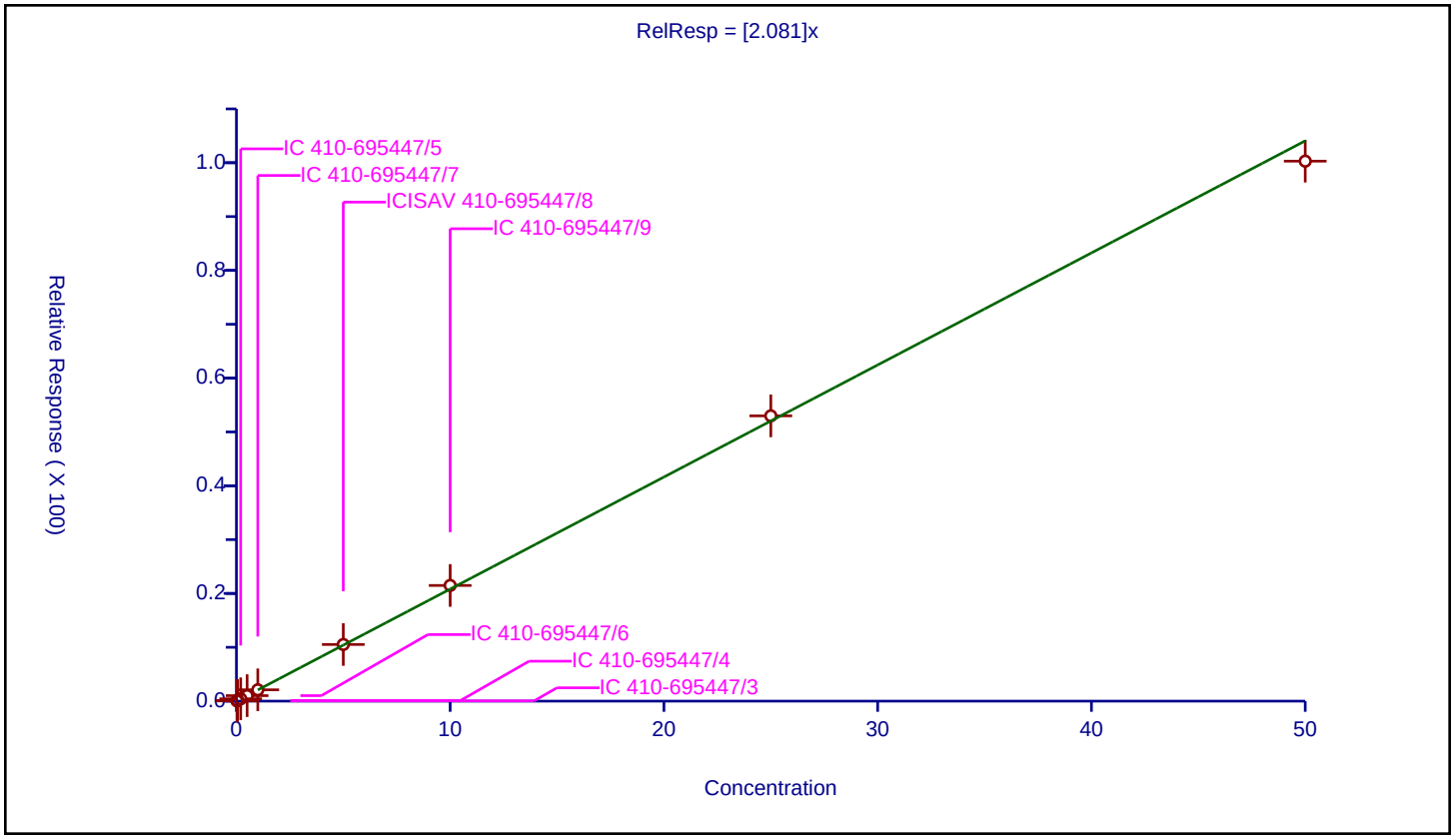
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.081 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.04887 | 10.0 | 332307.0 | 1.954819 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.10401 | 10.0 | 332852.0 | 2.080204 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.433592 | 10.0 | 341173.0 | 2.167962 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.023682 | 10.0 | 333502.0 | 2.047364 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.102638 | 10.0 | 332839.0 | 2.102638 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.523074 | 10.0 | 348421.0 | 2.104615 | Y |
| 7 | IC 410-695447/9 | 10.0 | 21.48702 | 10.0 | 349612.0 | 2.148702 | Y |
| 8 | IC 410-695447/10 | 25.0 | 52.987272 | 10.0 | 350892.0 | 2.119491 | Y |
| 9 | IC 410-695447/11 | 50.0 | 100.294536 | 10.0 | 378290.0 | 2.005891 | Y |



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## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

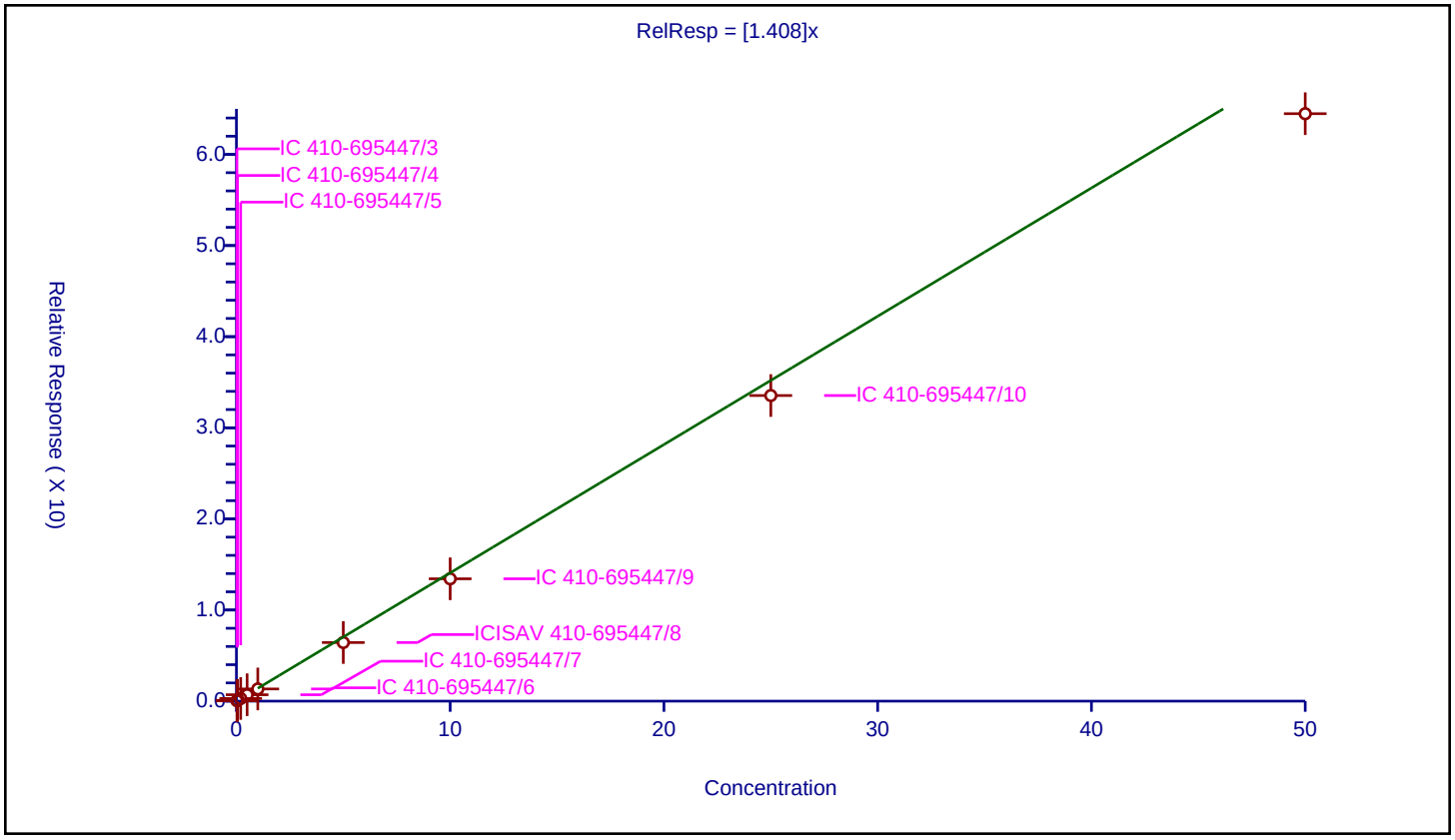
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.408 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.039722 | 10.0 | 332307.0 | 1.588892 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.081147 | 10.0 | 332852.0 | 1.622944 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.291436 | 10.0 | 341173.0 | 1.457179 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.703174 | 10.0 | 333502.0 | 1.406348 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.336412 | 10.0 | 332839.0 | 1.336412 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.433625 | 10.0 | 348421.0 | 1.286725 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.426112 | 10.0 | 349612.0 | 1.342611 | Y |
| 8 | IC 410-695447/10 | 25.0 | 33.540463 | 10.0 | 350892.0 | 1.341619 | Y |
| 9 | IC 410-695447/11 | 50.0 | 64.472442 | 10.0 | 378290.0 | 1.289449 | Y |



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## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

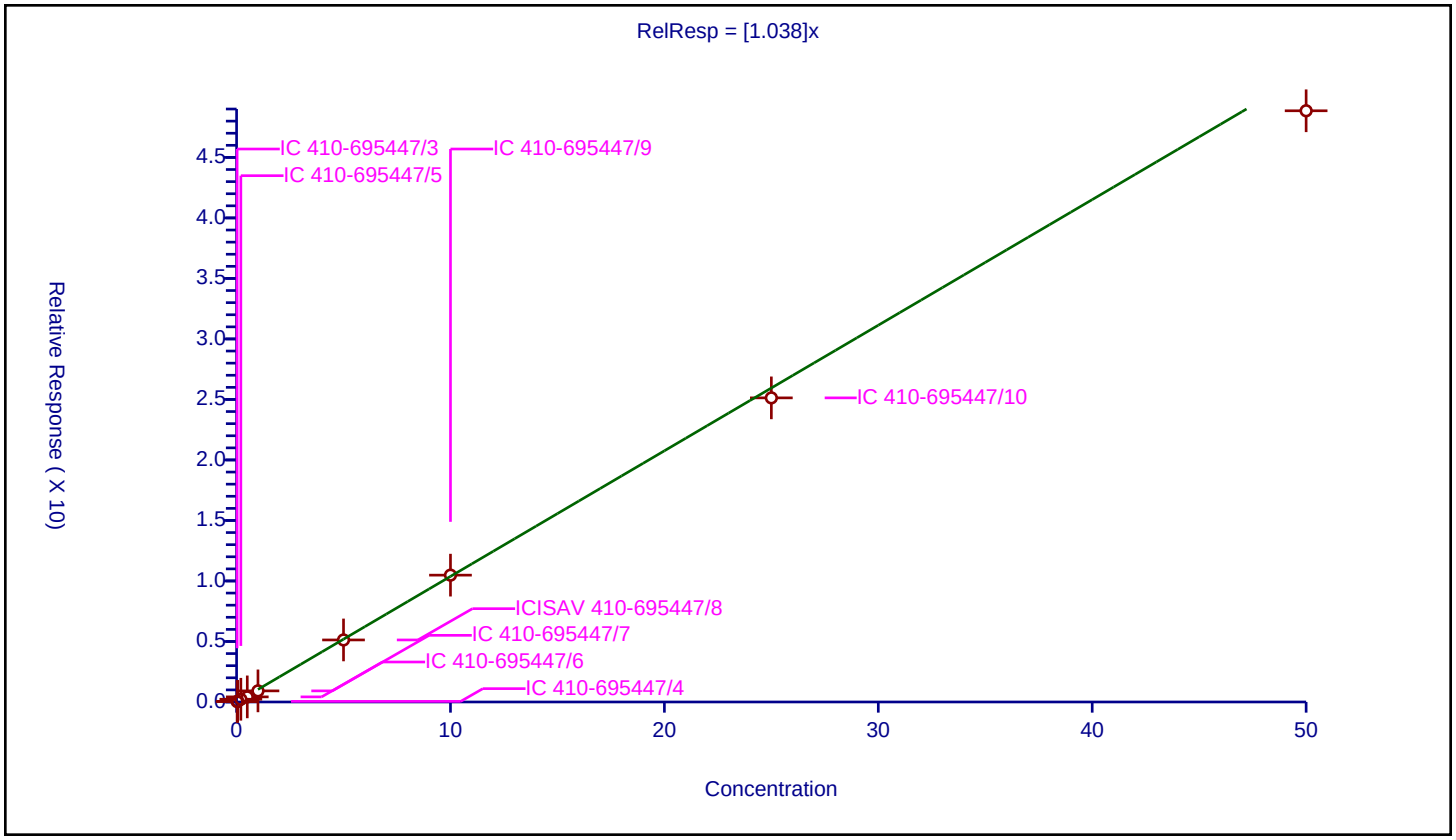
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.038 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.034276 | 10.0 | 332307.0 | 1.371021 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.051224 | 10.0 | 332852.0 | 1.024479 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.225252 | 10.0 | 341173.0 | 1.126261 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.422036 | 10.0 | 333502.0 | 0.844073 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.918763 | 10.0 | 332839.0 | 0.918763 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.12581 | 10.0 | 348421.0 | 1.025162 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.482106 | 10.0 | 349612.0 | 1.048211 | Y |
| 8 | IC 410-695447/10 | 25.0 | 25.130069 | 10.0 | 350892.0 | 1.005203 | Y |
| 9 | IC 410-695447/11 | 50.0 | 48.854582 | 10.0 | 378290.0 | 0.977092 | Y |



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## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

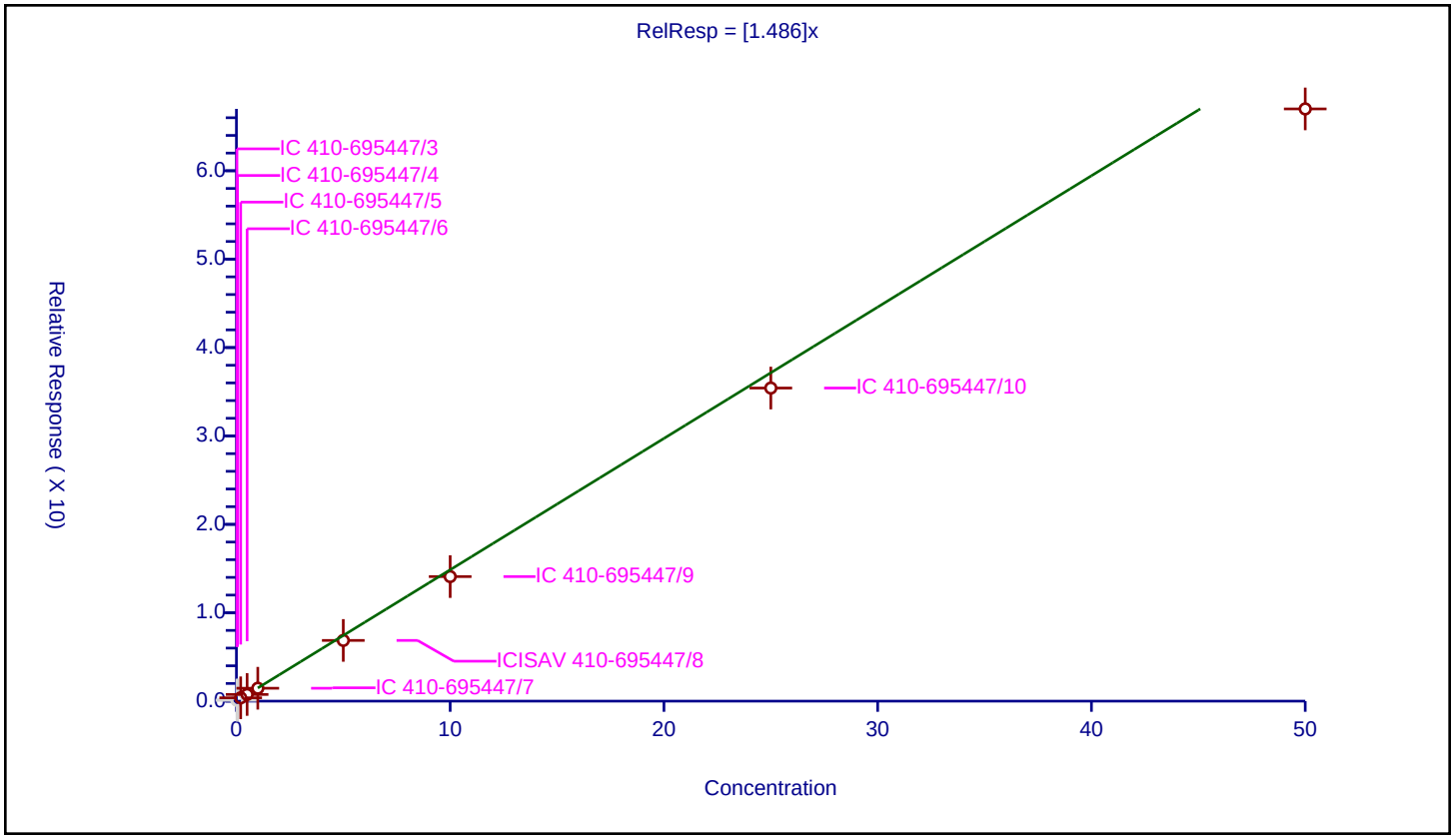
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.486 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.10075 | 10.0 | 332307.0 | 4.030008 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.128255 | 10.0 | 332852.0 | 2.565104 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.37843 | 10.0 | 341173.0 | 1.892149 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.755798 | 10.0 | 333502.0 | 1.511595 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.458543 | 10.0 | 332839.0 | 1.458543 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.8683 | 10.0 | 348421.0 | 1.37366 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.08919 | 10.0 | 349612.0 | 1.408919 | Y |
| 8 | IC 410-695447/10 | 25.0 | 35.419189 | 10.0 | 350892.0 | 1.416768 | Y |
| 9 | IC 410-695447/11 | 50.0 | 66.997779 | 10.0 | 378290.0 | 1.339956 | Y |



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## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

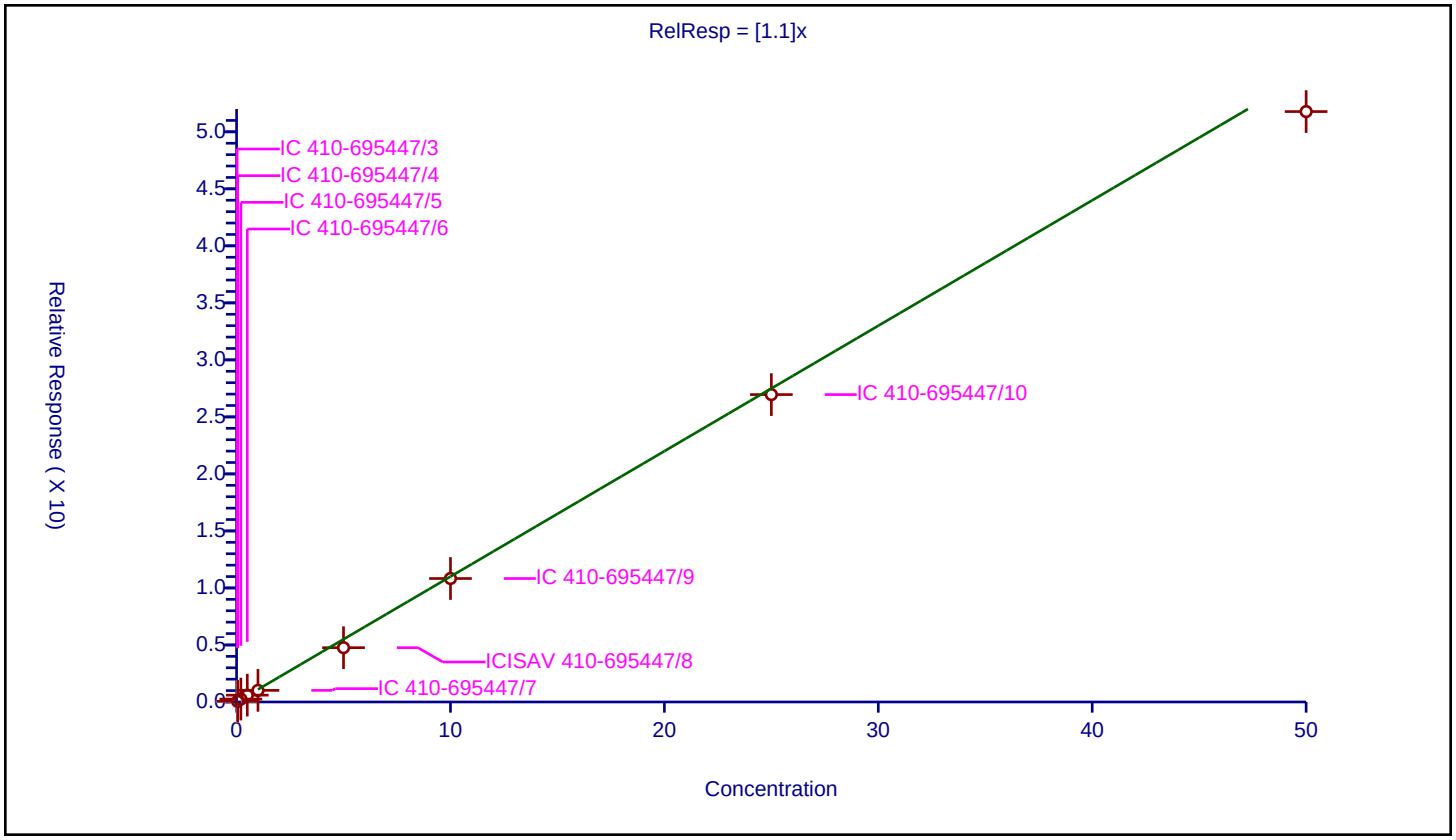
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.1 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.047426 | 10.0 | 332307.0 | 1.897041 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.057293 | 10.0 | 332852.0 | 1.145855 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.256732 | 10.0 | 341173.0 | 1.28366 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.600266 | 10.0 | 333502.0 | 1.200533 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.019442 | 10.0 | 332839.0 | 1.019442 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.761883 | 10.0 | 348421.0 | 0.952377 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.82766 | 10.0 | 349612.0 | 1.082766 | Y |
| 8 | IC 410-695447/10 | 25.0 | 26.956043 | 10.0 | 350892.0 | 1.078242 | Y |
| 9 | IC 410-695447/11 | 50.0 | 51.775966 | 10.0 | 378290.0 | 1.035519 | Y |



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## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

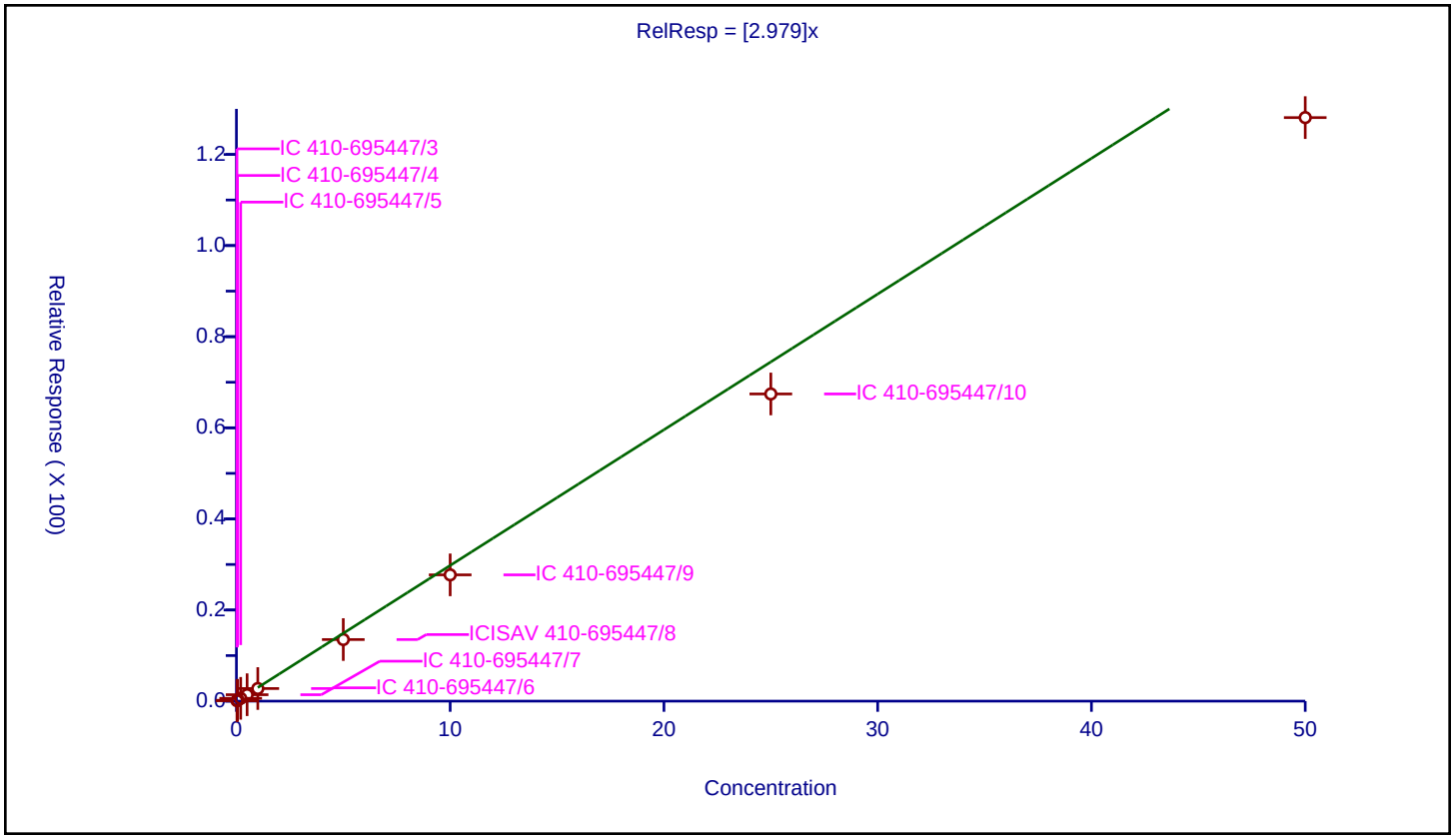
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.979 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.093558 | 10.0 | 332307.0 | 3.742323 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.182664 | 10.0 | 332852.0 | 3.653275 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.618455 | 10.0 | 341173.0 | 3.092273 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.409137 | 10.0 | 333502.0 | 2.818274 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.765391 | 10.0 | 332839.0 | 2.765391 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 13.519937 | 10.0 | 348421.0 | 2.703987 | Y |
| 7 | IC 410-695447/9 | 10.0 | 27.721989 | 10.0 | 349612.0 | 2.772199 | Y |
| 8 | IC 410-695447/10 | 25.0 | 67.425162 | 10.0 | 350892.0 | 2.697006 | Y |
| 9 | IC 410-695447/11 | 50.0 | 128.090883 | 10.0 | 378290.0 | 2.561818 | Y |



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## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

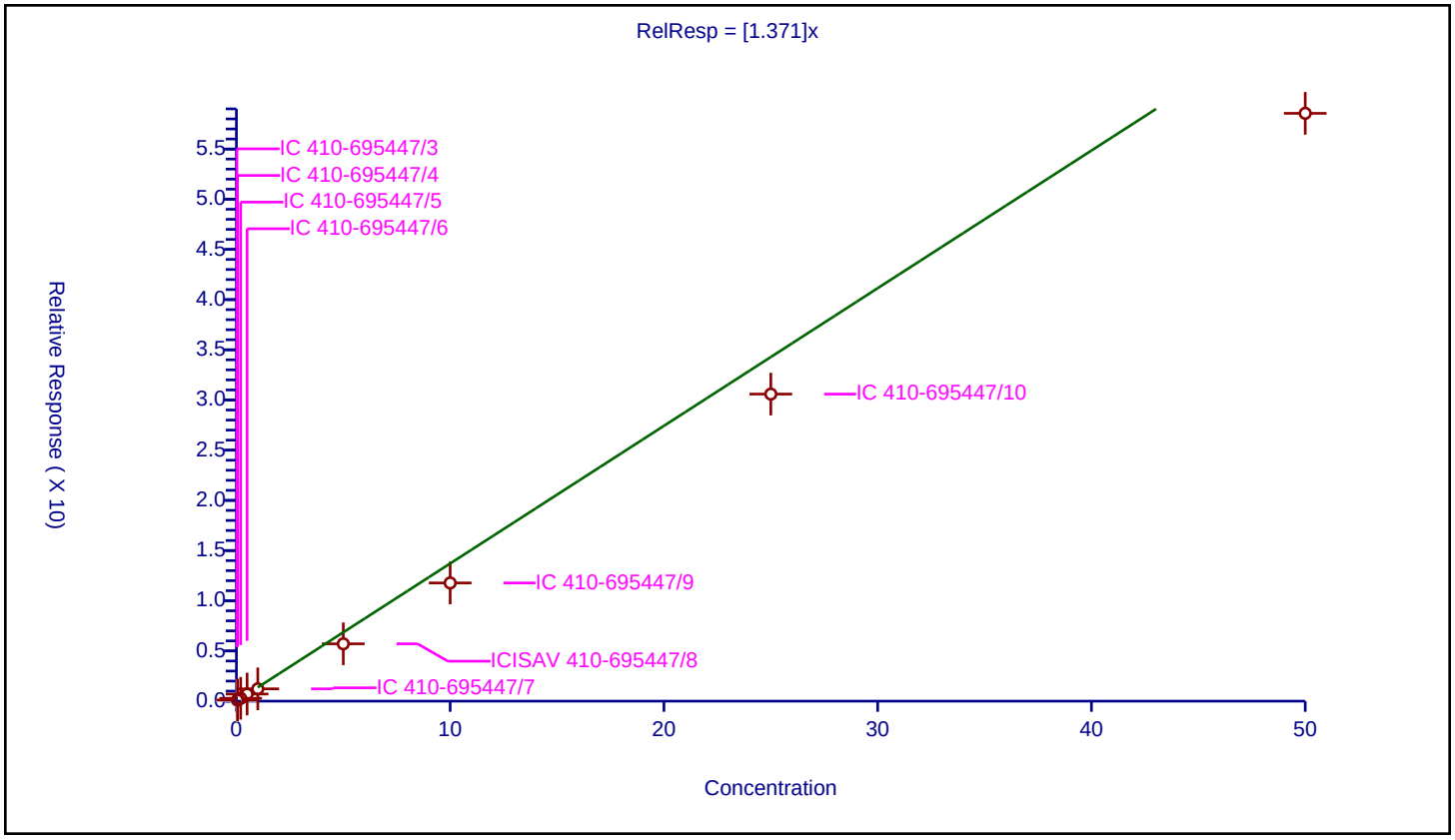
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.371 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 25.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.053776 | 10.0 | 332307.0 | 2.151023 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.11047 | 10.0 | 332852.0 | 2.20939 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.281382 | 10.0 | 341173.0 | 1.406911 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.707552 | 10.0 | 333502.0 | 1.415104 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.224105 | 10.0 | 332839.0 | 1.224105 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.710993 | 10.0 | 348421.0 | 1.142199 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.775254 | 10.0 | 349612.0 | 1.177525 | Y |
| 8 | IC 410-695447/10 | 25.0 | 30.588871 | 10.0 | 350892.0 | 1.223555 | Y |
| 9 | IC 410-695447/11 | 50.0 | 58.557509 | 10.0 | 378290.0 | 1.17115 | Y |



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## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

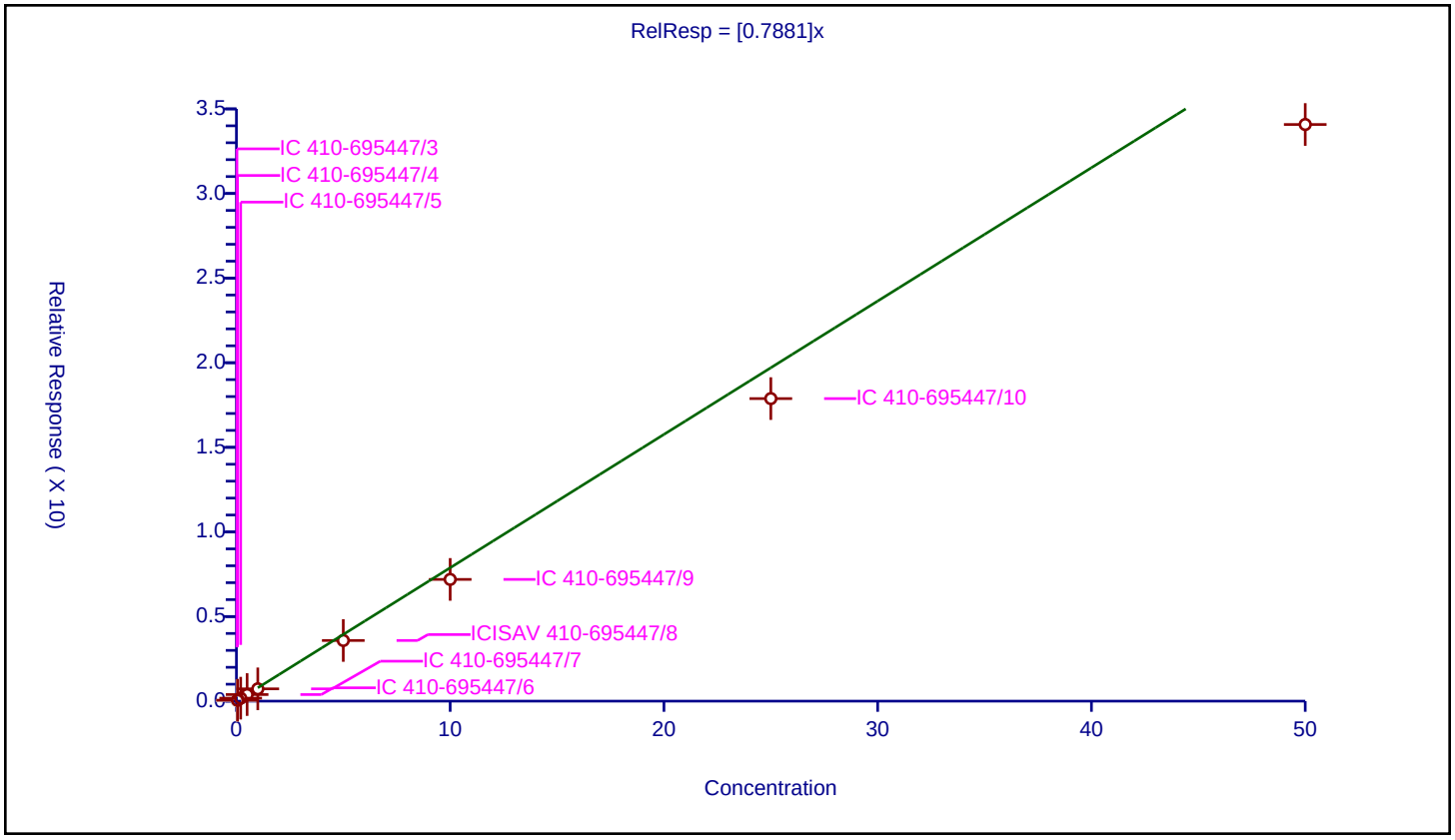
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7881 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.030394 | 10.0 | 332307.0 | 1.215743 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.054409 | 10.0 | 332852.0 | 1.088171 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.175454 | 10.0 | 341173.0 | 0.877268 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.389743 | 10.0 | 333502.0 | 0.779486 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.726808 | 10.0 | 332839.0 | 0.726808 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.584887 | 10.0 | 348421.0 | 0.716977 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.19449 | 10.0 | 349612.0 | 0.719449 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.87912 | 10.0 | 350892.0 | 0.715165 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.077084 | 10.0 | 378290.0 | 0.681542 | Y |



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## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

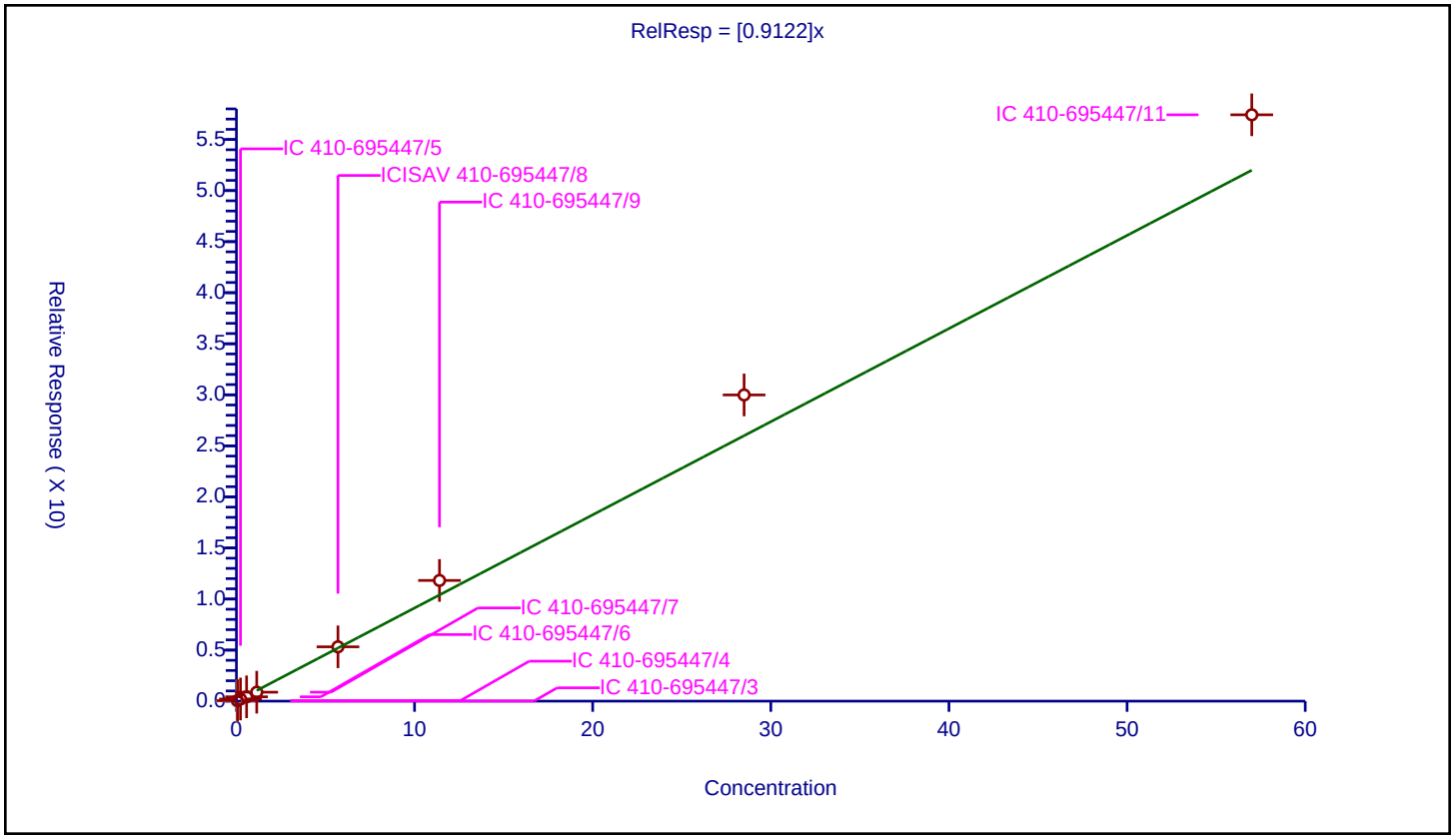
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9122 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.0285 | 0.011736 | 10.0 | 332307.0 | 0.411794 | N |
| 2 | IC 410-695447/4 | 0.057 | 0.047739 | 10.0 | 332852.0 | 0.837525 | Y |
| 3 | IC 410-695447/5 | 0.228 | 0.209278 | 10.0 | 341173.0 | 0.917886 | Y |
| 4 | IC 410-695447/6 | 0.57 | 0.423296 | 10.0 | 333502.0 | 0.742624 | Y |
| 5 | IC 410-695447/7 | 1.14 | 0.877421 | 10.0 | 332839.0 | 0.769668 | Y |
| 6 | ICISAV 410-695447/8 | 5.7 | 5.320173 | 10.0 | 348421.0 | 0.933364 | Y |
| 7 | IC 410-695447/9 | 11.4 | 11.819017 | 10.0 | 349612.0 | 1.036756 | Y |
| 8 | IC 410-695447/10 | 28.5 | 29.986207 | 10.0 | 350892.0 | 1.052148 | Y |
| 9 | IC 410-695447/11 | 57.0 | 57.419784 | 10.0 | 378290.0 | 1.007365 | Y |



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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

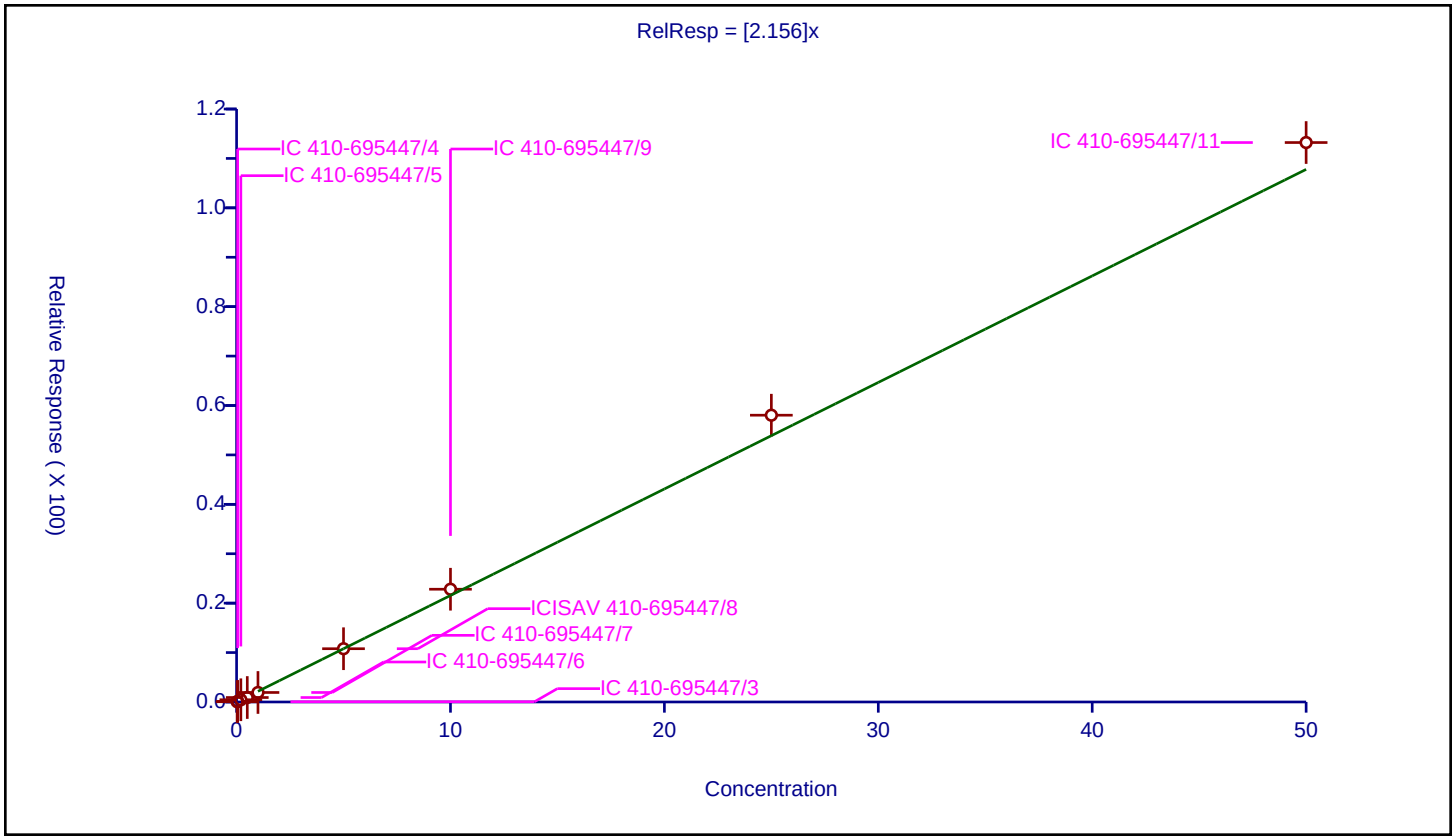
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.156 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.05188 | 10.0 | 332307.0 | 2.07519 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.115937 | 10.0 | 332852.0 | 2.318748 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.450211 | 10.0 | 341173.0 | 2.251057 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.903623 | 10.0 | 333502.0 | 1.807246 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.925225 | 10.0 | 332839.0 | 1.925225 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.777307 | 10.0 | 348421.0 | 2.155461 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.819869 | 10.0 | 349612.0 | 2.281987 | Y |
| 8 | IC 410-695447/10 | 25.0 | 58.035606 | 10.0 | 350892.0 | 2.321424 | Y |
| 9 | IC 410-695447/11 | 50.0 | 113.217188 | 10.0 | 378290.0 | 2.264344 | Y |



## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

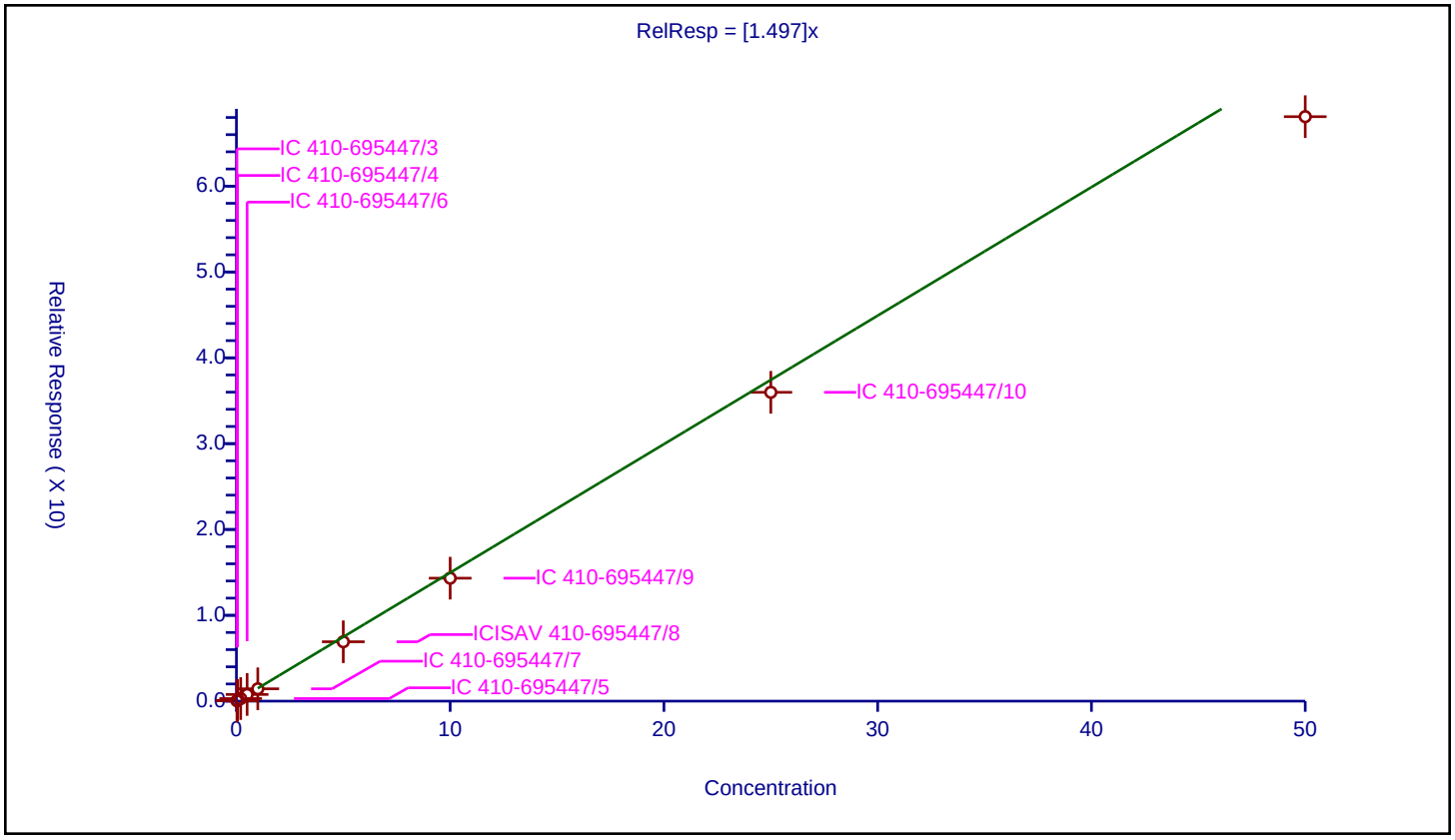
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.497 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.03903 | 10.0 | 332307.0 | 1.561207 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.090551 | 10.0 | 332852.0 | 1.811015 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.298822 | 10.0 | 341173.0 | 1.49411 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.776067 | 10.0 | 333502.0 | 1.552135 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.438293 | 10.0 | 332839.0 | 1.438293 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.918182 | 10.0 | 348421.0 | 1.383636 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.324222 | 10.0 | 349612.0 | 1.432422 | Y |
| 8 | IC 410-695447/10 | 25.0 | 35.981955 | 10.0 | 350892.0 | 1.439278 | Y |
| 9 | IC 410-695447/11 | 50.0 | 68.094134 | 10.0 | 378290.0 | 1.361883 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

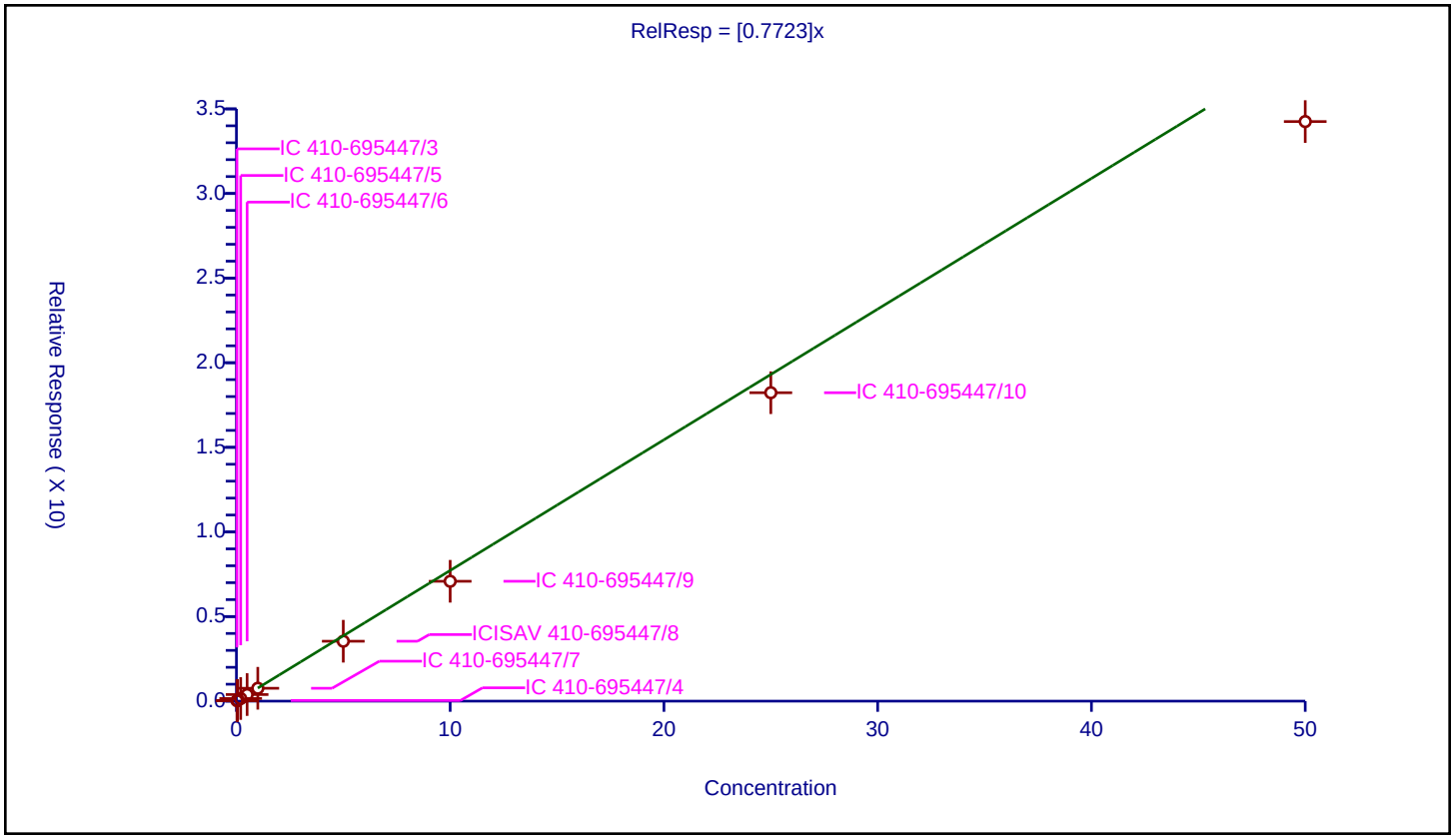
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7723 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.02597 | 10.0 | 332307.0 | 1.038798 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.038335 | 10.0 | 332852.0 | 0.766707 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.154877 | 10.0 | 341173.0 | 0.774387 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.389443 | 10.0 | 333502.0 | 0.778886 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.760698 | 10.0 | 332839.0 | 0.760698 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.541233 | 10.0 | 348421.0 | 0.708247 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.084025 | 10.0 | 349612.0 | 0.708402 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.228087 | 10.0 | 350892.0 | 0.729123 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.251527 | 10.0 | 378290.0 | 0.685031 | Y |



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## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

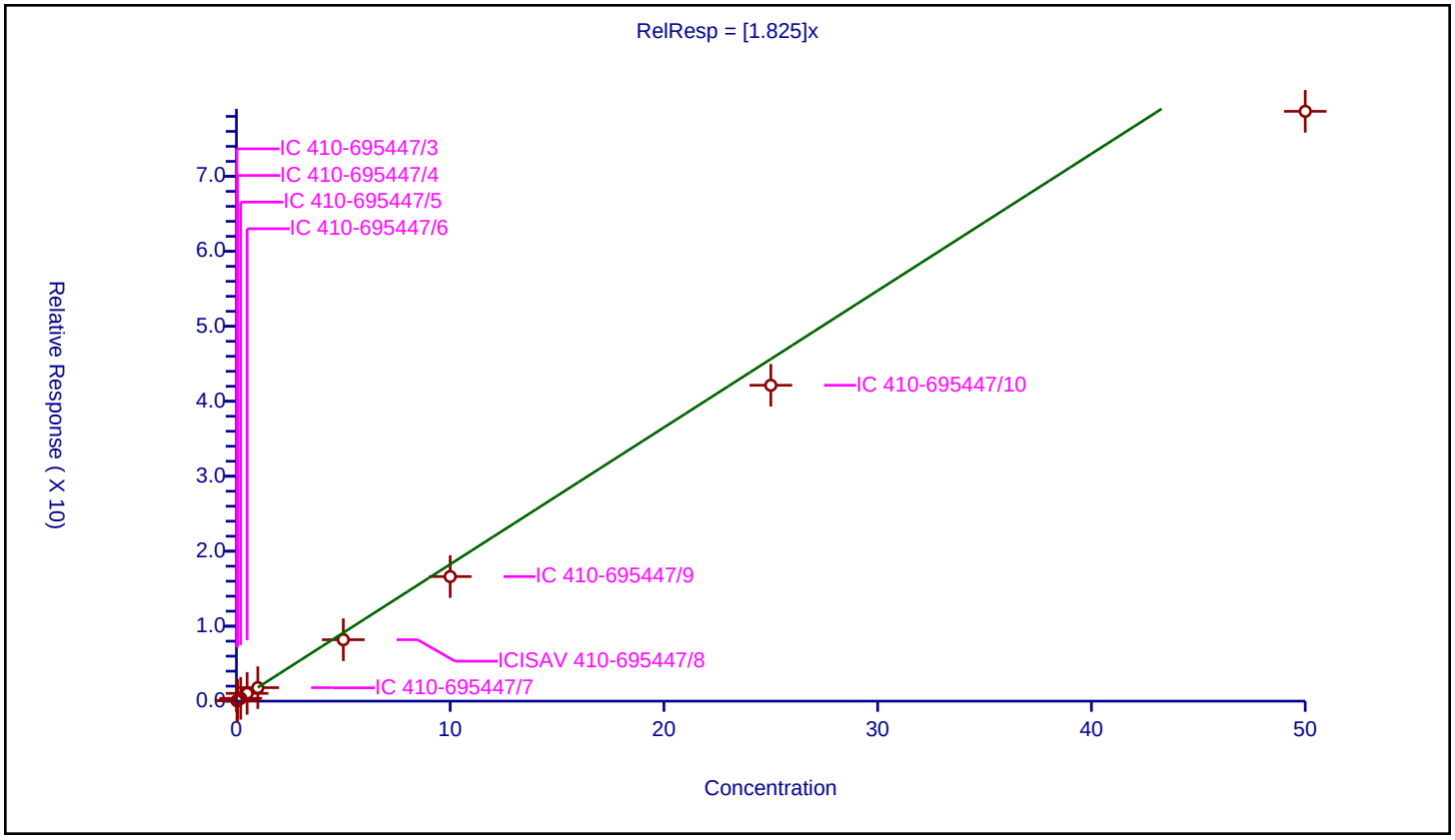
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.052722 | 10.0 | 332307.0 | 2.108893 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.100735 | 10.0 | 332852.0 | 2.014709 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.374942 | 10.0 | 341173.0 | 1.874709 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.035826 | 10.0 | 333502.0 | 2.071652 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.797956 | 10.0 | 332839.0 | 1.797956 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.193852 | 10.0 | 348421.0 | 1.63877 | Y |
| 7 | IC 410-695447/9 | 10.0 | 16.616678 | 10.0 | 349612.0 | 1.661668 | Y |
| 8 | IC 410-695447/10 | 25.0 | 42.132793 | 10.0 | 350892.0 | 1.685312 | Y |
| 9 | IC 410-695447/11 | 50.0 | 78.678131 | 10.0 | 378290.0 | 1.573563 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

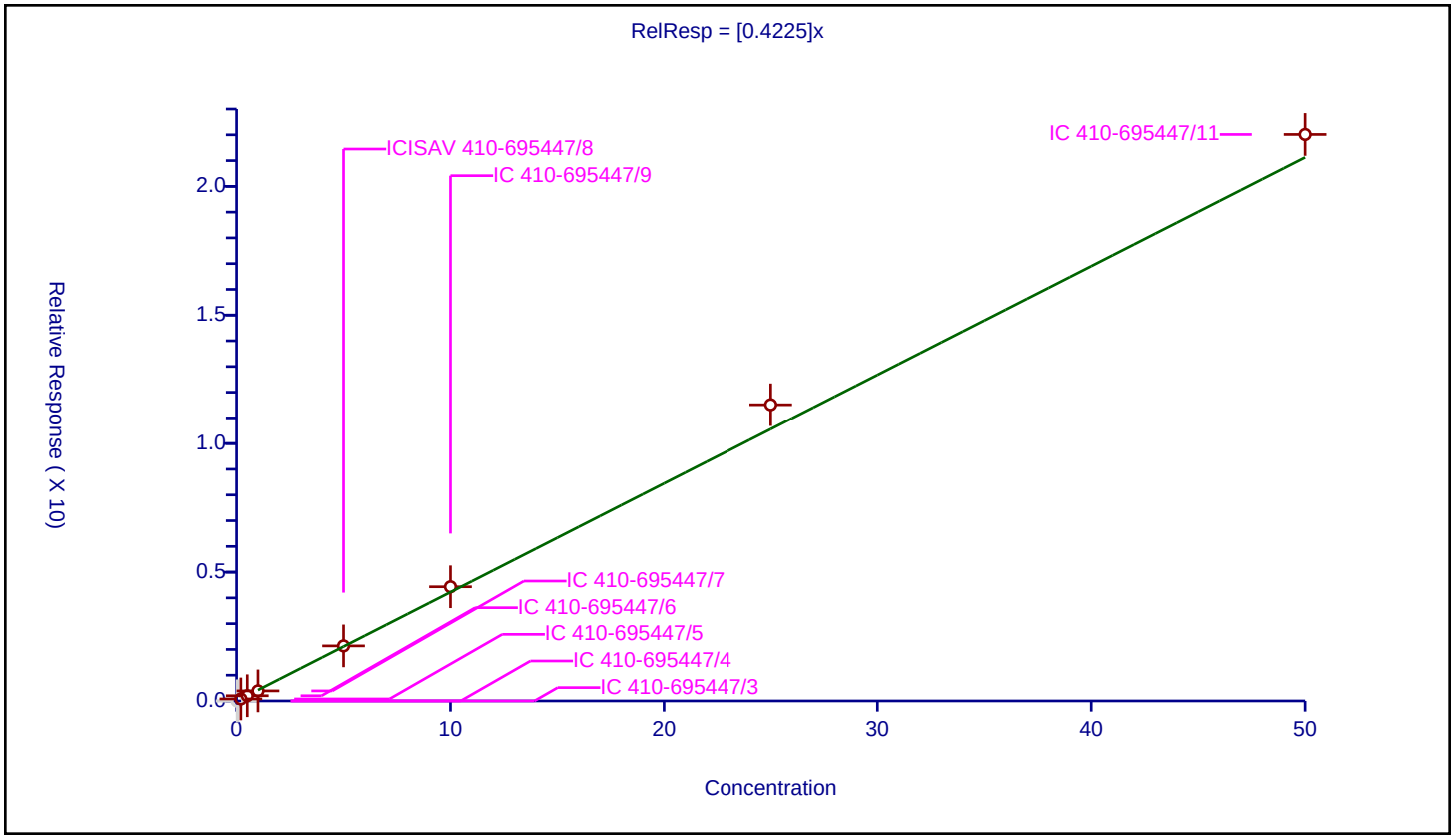
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.0 | 10.0 | 332852.0 | 0.0 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.078142 | 10.0 | 341173.0 | 0.390711 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.202607 | 10.0 | 333502.0 | 0.405215 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.390038 | 10.0 | 332839.0 | 0.390038 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.137012 | 10.0 | 348421.0 | 0.427402 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.432228 | 10.0 | 349612.0 | 0.443223 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.513771 | 10.0 | 350892.0 | 0.460551 | Y |
| 9 | IC 410-695447/11 | 50.0 | 22.014698 | 10.0 | 378290.0 | 0.440294 | Y |



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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

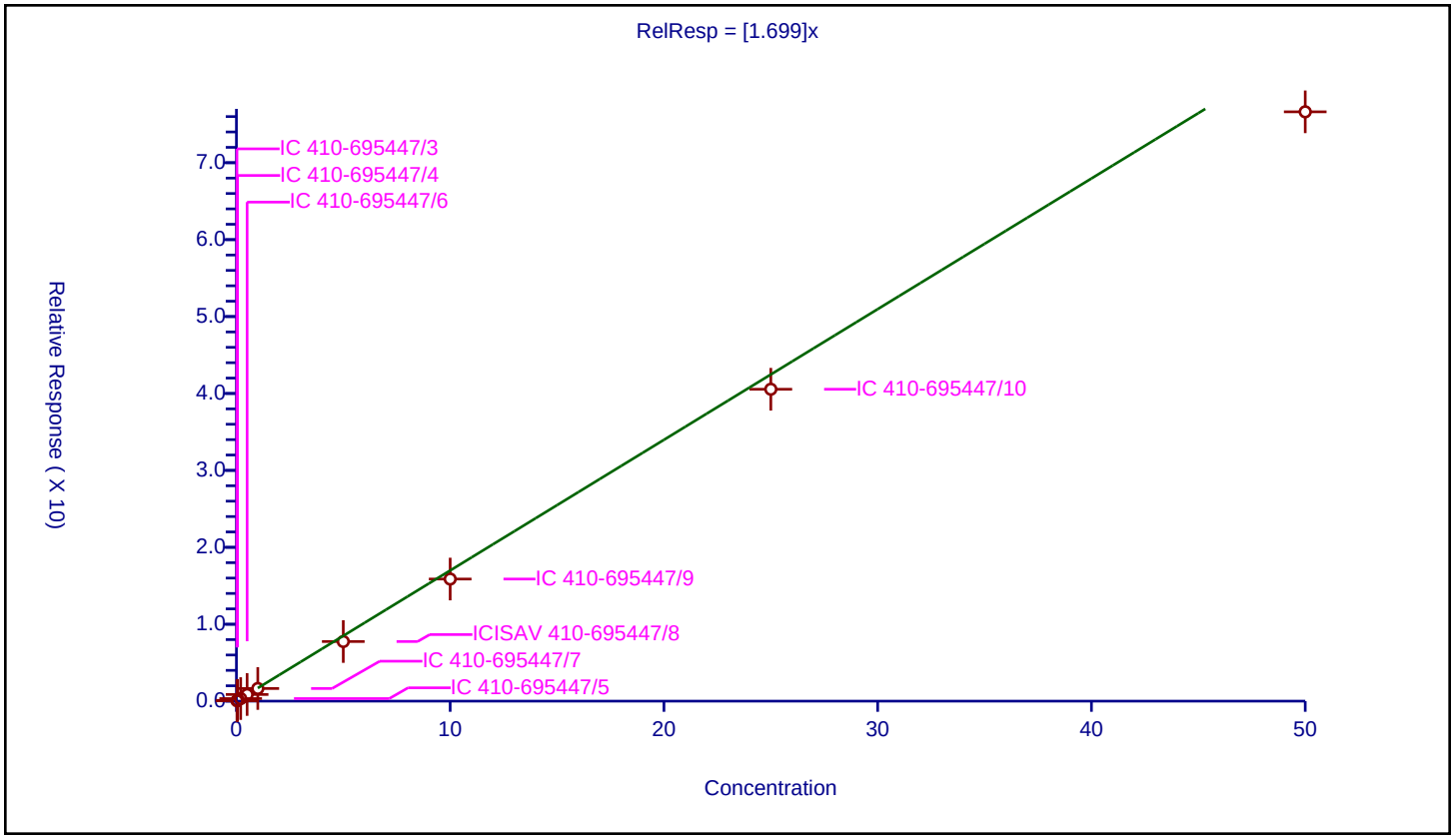
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.699 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.049201 | 10.0 | 332307.0 | 1.96806 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.099534 | 10.0 | 332852.0 | 1.990675 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.333995 | 10.0 | 341173.0 | 1.669974 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.863263 | 10.0 | 333502.0 | 1.726526 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.641665 | 10.0 | 332839.0 | 1.641665 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 7.752231 | 10.0 | 348421.0 | 1.550446 | Y |
| 7 | IC 410-695447/9 | 10.0 | 15.875914 | 10.0 | 349612.0 | 1.587591 | Y |
| 8 | IC 410-695447/10 | 25.0 | 40.550825 | 10.0 | 350892.0 | 1.622033 | Y |
| 9 | IC 410-695447/11 | 50.0 | 76.619604 | 10.0 | 378290.0 | 1.532392 | Y |



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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

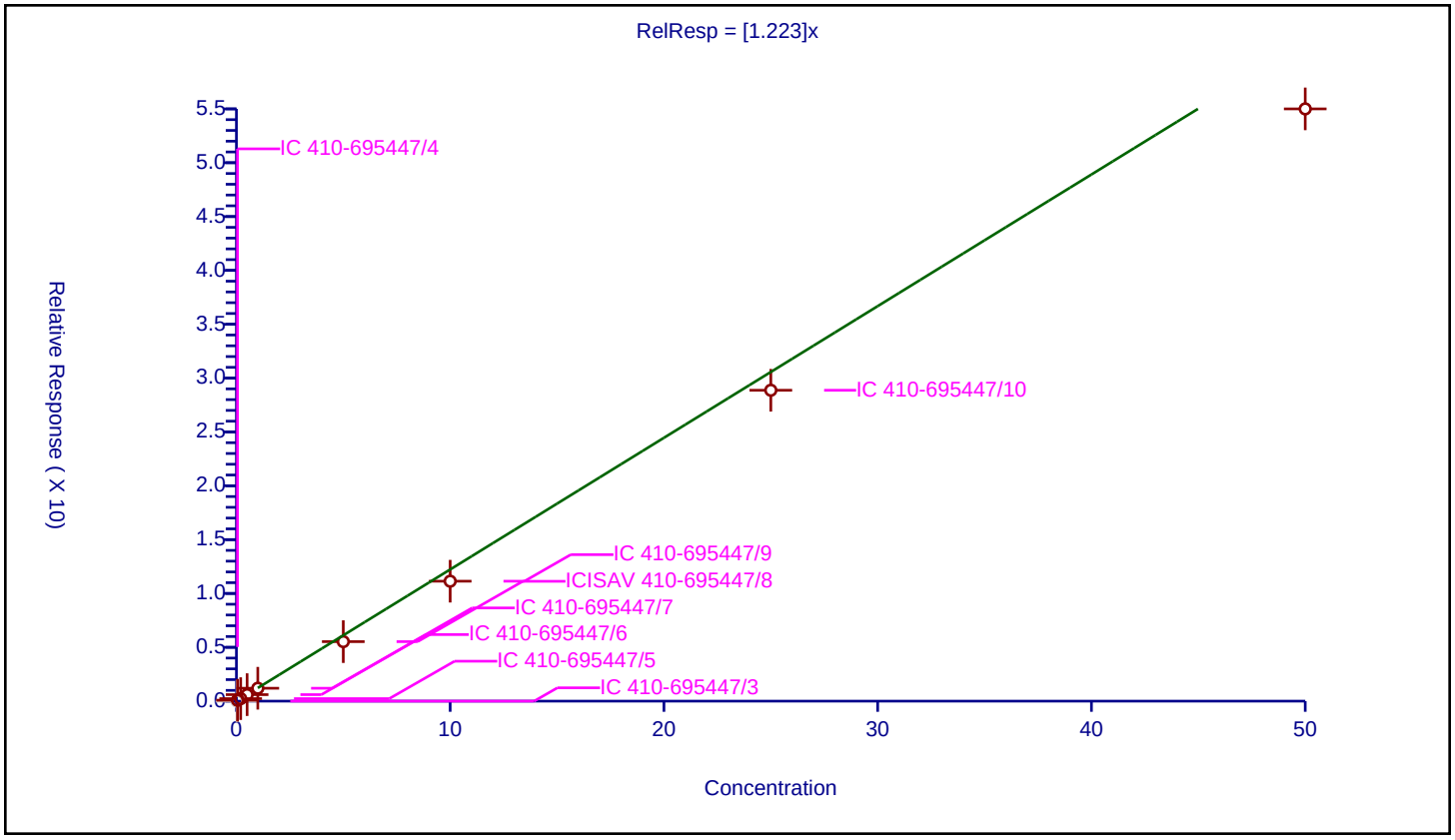
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.223 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.086315 | 10.0 | 332852.0 | 1.726293 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.234427 | 10.0 | 341173.0 | 1.172133 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.605574 | 10.0 | 333502.0 | 1.211147 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.198357 | 10.0 | 332839.0 | 1.198357 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.526389 | 10.0 | 348421.0 | 1.105278 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.137861 | 10.0 | 349612.0 | 1.113786 | Y |
| 8 | IC 410-695447/10 | 25.0 | 28.871106 | 10.0 | 350892.0 | 1.154844 | Y |
| 9 | IC 410-695447/11 | 50.0 | 54.999974 | 10.0 | 378290.0 | 1.099999 | Y |



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## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

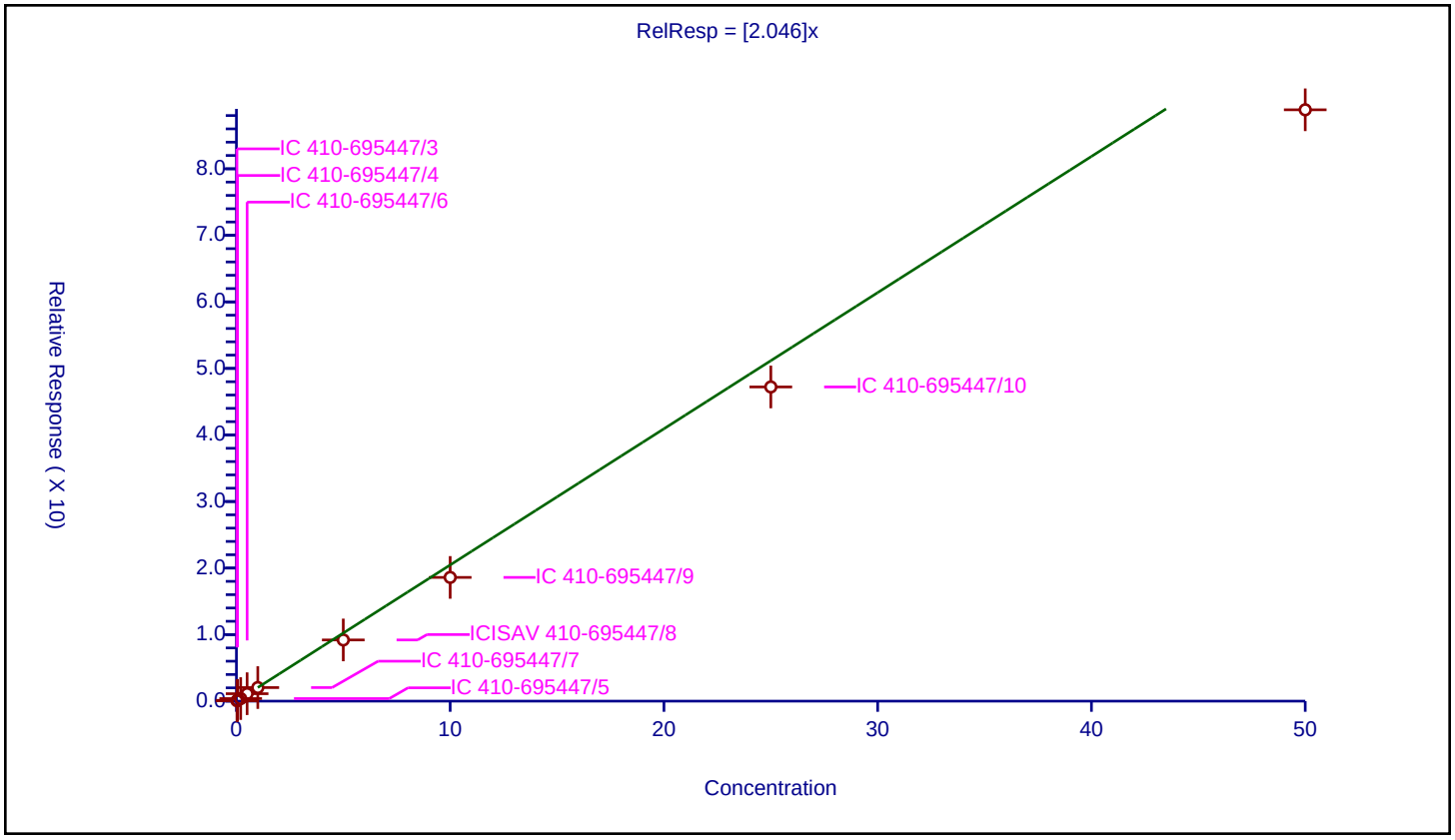
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.046 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.061208 | 10.0 | 332307.0 | 2.448338 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.119362 | 10.0 | 332852.0 | 2.387247 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.387985 | 10.0 | 341173.0 | 1.939925 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.119094 | 10.0 | 333502.0 | 2.238187 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.039515 | 10.0 | 332839.0 | 2.039515 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 9.196891 | 10.0 | 348421.0 | 1.839378 | Y |
| 7 | IC 410-695447/9 | 10.0 | 18.594242 | 10.0 | 349612.0 | 1.859424 | Y |
| 8 | IC 410-695447/10 | 25.0 | 47.215354 | 10.0 | 350892.0 | 1.888614 | Y |
| 9 | IC 410-695447/11 | 50.0 | 88.864522 | 10.0 | 378290.0 | 1.77729 | Y |



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## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

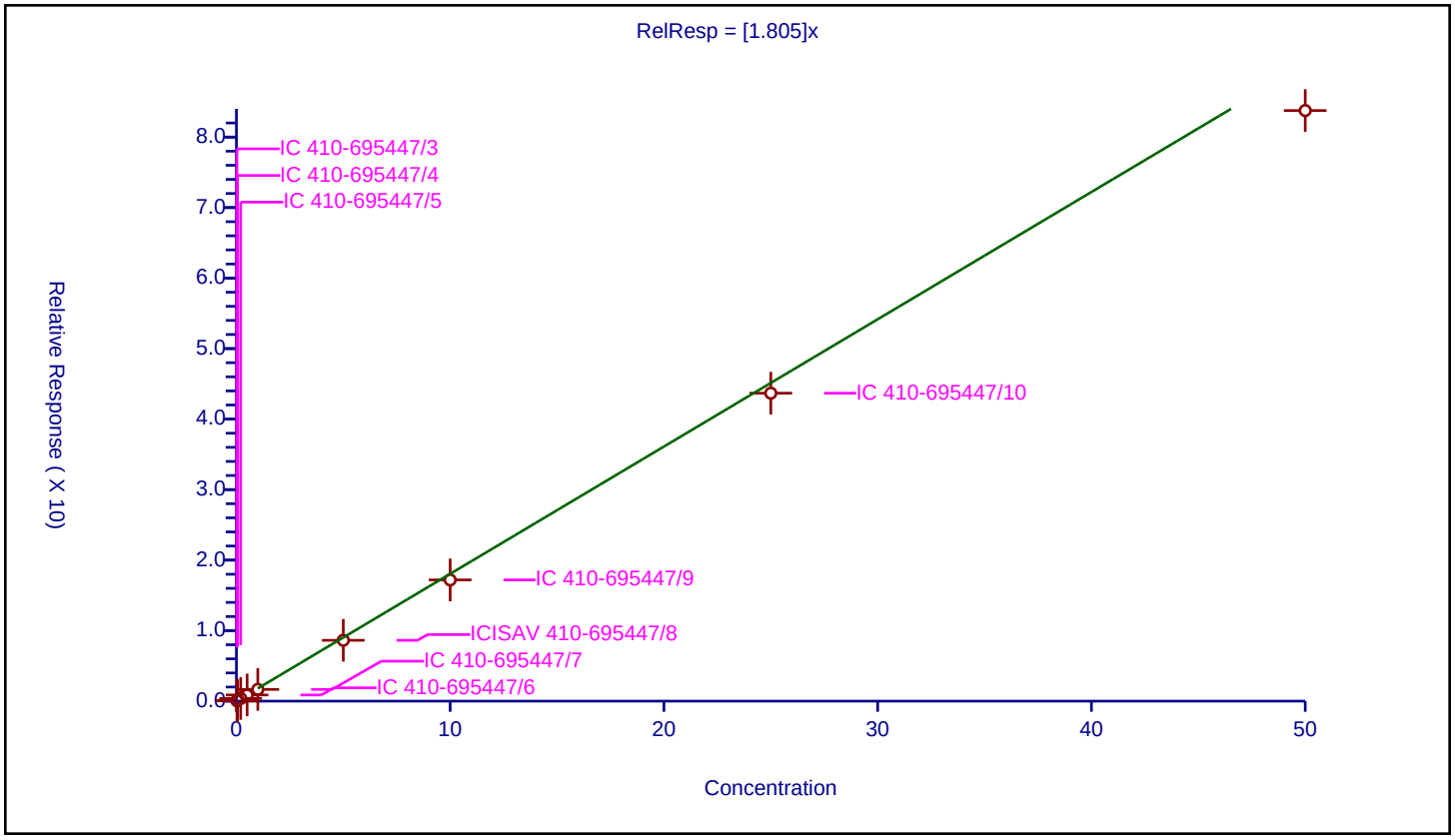
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.805 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.053866 | 10.0 | 332307.0 | 2.154634 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.095508 | 10.0 | 332852.0 | 1.910158 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.380071 | 10.0 | 341173.0 | 1.900356 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.875377 | 10.0 | 333502.0 | 1.750754 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.663717 | 10.0 | 332839.0 | 1.663717 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.631483 | 10.0 | 348421.0 | 1.726297 | Y |
| 7 | IC 410-695447/9 | 10.0 | 17.195205 | 10.0 | 349612.0 | 1.71952 | Y |
| 8 | IC 410-695447/10 | 25.0 | 43.678767 | 10.0 | 350892.0 | 1.747151 | Y |
| 9 | IC 410-695447/11 | 50.0 | 83.760818 | 10.0 | 378290.0 | 1.675216 | Y |



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## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

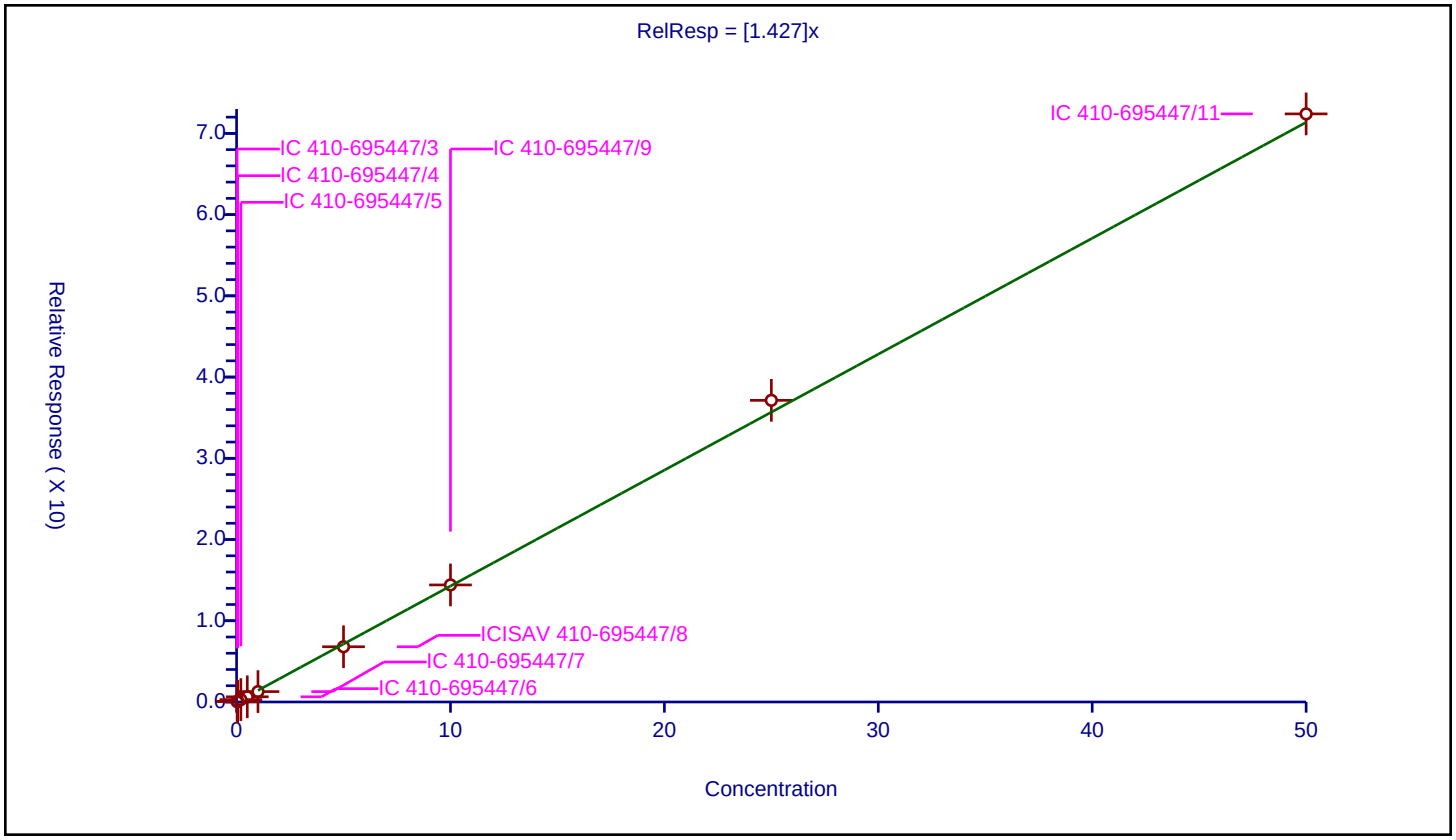
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.427 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.037917 | 10.0 | 332307.0 | 1.51667 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.078864 | 10.0 | 332852.0 | 1.577278 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.291963 | 10.0 | 341173.0 | 1.459817 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.638077 | 10.0 | 333502.0 | 1.276154 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.280289 | 10.0 | 332839.0 | 1.280289 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.800824 | 10.0 | 348421.0 | 1.360165 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.411834 | 10.0 | 349612.0 | 1.441183 | Y |
| 8 | IC 410-695447/10 | 25.0 | 37.13513 | 10.0 | 350892.0 | 1.485405 | Y |
| 9 | IC 410-695447/11 | 50.0 | 72.398821 | 10.0 | 378290.0 | 1.447976 | Y |



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## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

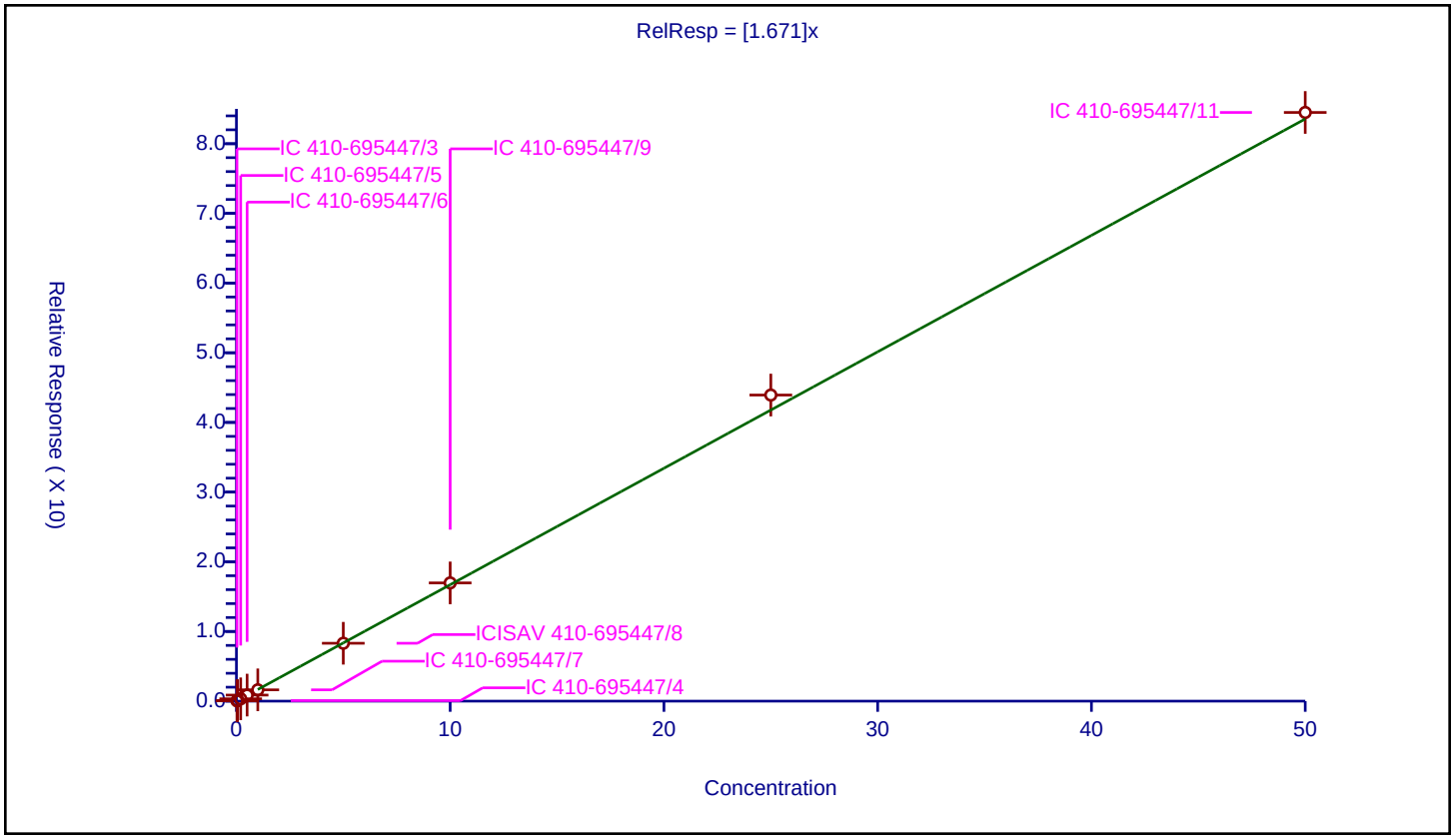
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.671 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.042401 | 10.0 | 332307.0 | 1.696022 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.075169 | 10.0 | 332852.0 | 1.503371 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.334962 | 10.0 | 341173.0 | 1.67481 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.86875 | 10.0 | 333502.0 | 1.737501 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.622827 | 10.0 | 332839.0 | 1.622827 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.309086 | 10.0 | 348421.0 | 1.661817 | Y |
| 7 | IC 410-695447/9 | 10.0 | 16.968783 | 10.0 | 349612.0 | 1.696878 | Y |
| 8 | IC 410-695447/10 | 25.0 | 43.930868 | 10.0 | 350892.0 | 1.757235 | Y |
| 9 | IC 410-695447/11 | 50.0 | 84.488276 | 10.0 | 378290.0 | 1.689766 | Y |



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## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

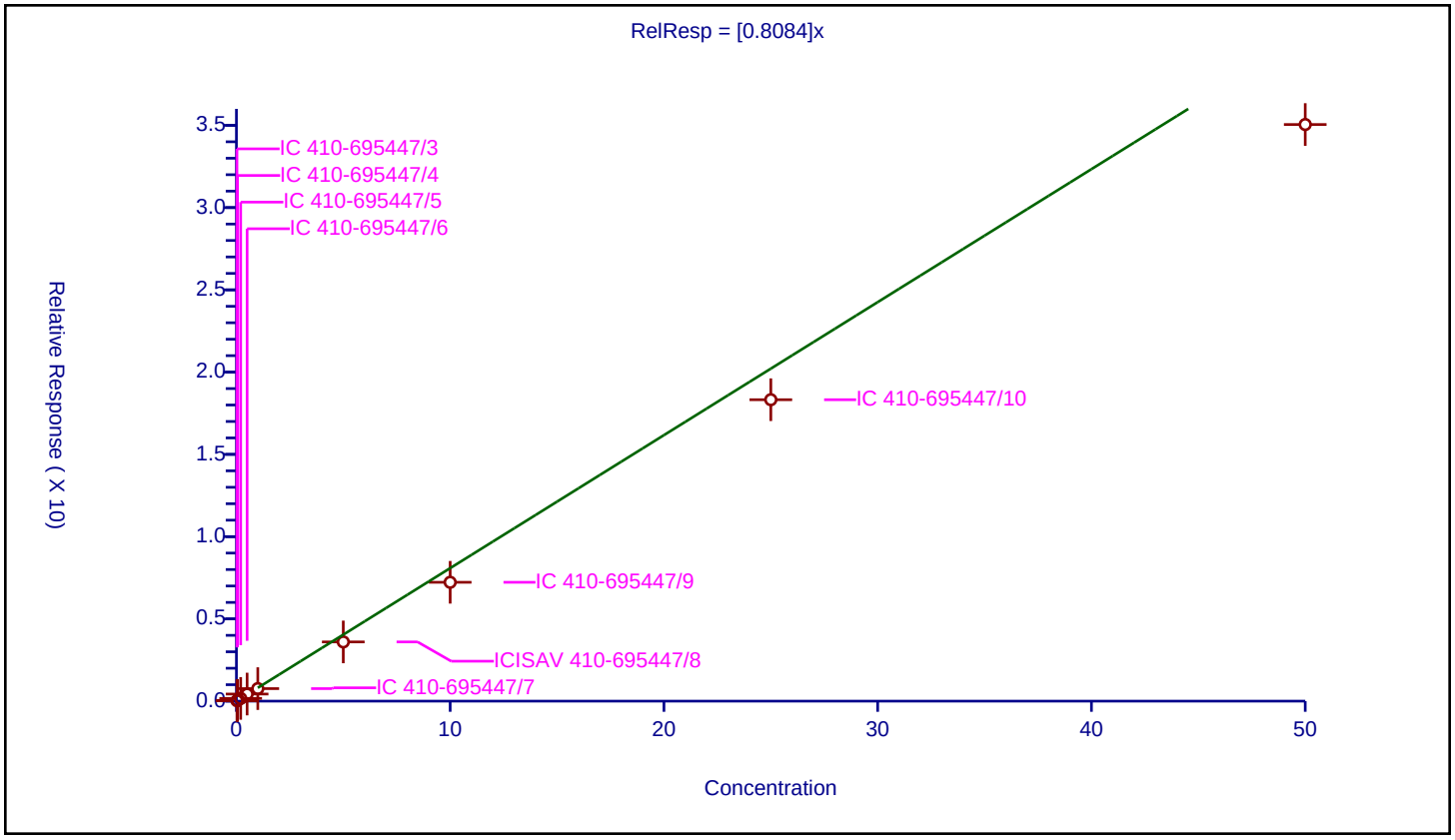
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.026507 | 10.0 | 1261911.0 | 1.060297 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.044249 | 10.0 | 1234157.0 | 0.884977 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.165867 | 10.0 | 1256184.0 | 0.829337 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.431796 | 10.0 | 1256982.0 | 0.863592 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.761337 | 10.0 | 1278199.0 | 0.761337 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.599812 | 10.0 | 1309596.0 | 0.719962 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.225026 | 10.0 | 1331162.0 | 0.722503 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.323224 | 10.0 | 1343477.0 | 0.732929 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.049802 | 10.0 | 1416709.0 | 0.700996 | Y |



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## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

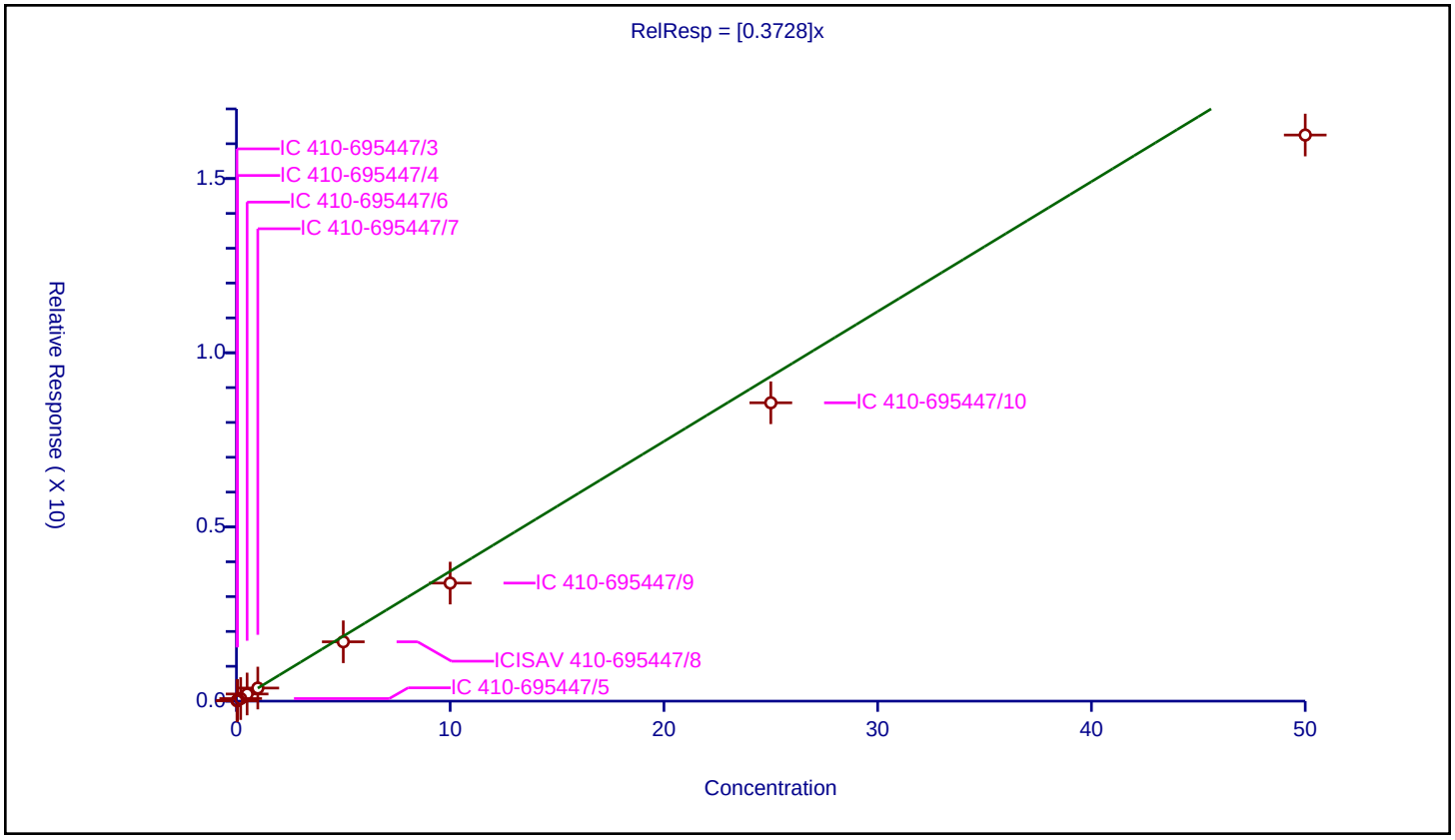
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3728 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.010761 | 10.0 | 1261911.0 | 0.430458 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.021197 | 10.0 | 1234157.0 | 0.423933 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.073476 | 10.0 | 1256184.0 | 0.367382 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.205182 | 10.0 | 1256982.0 | 0.410364 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.376045 | 10.0 | 1278199.0 | 0.376045 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.703373 | 10.0 | 1309596.0 | 0.340675 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.388438 | 10.0 | 1331162.0 | 0.338844 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.564159 | 10.0 | 1343477.0 | 0.342566 | Y |
| 9 | IC 410-695447/11 | 50.0 | 16.249907 | 10.0 | 1416709.0 | 0.324998 | Y |



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## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

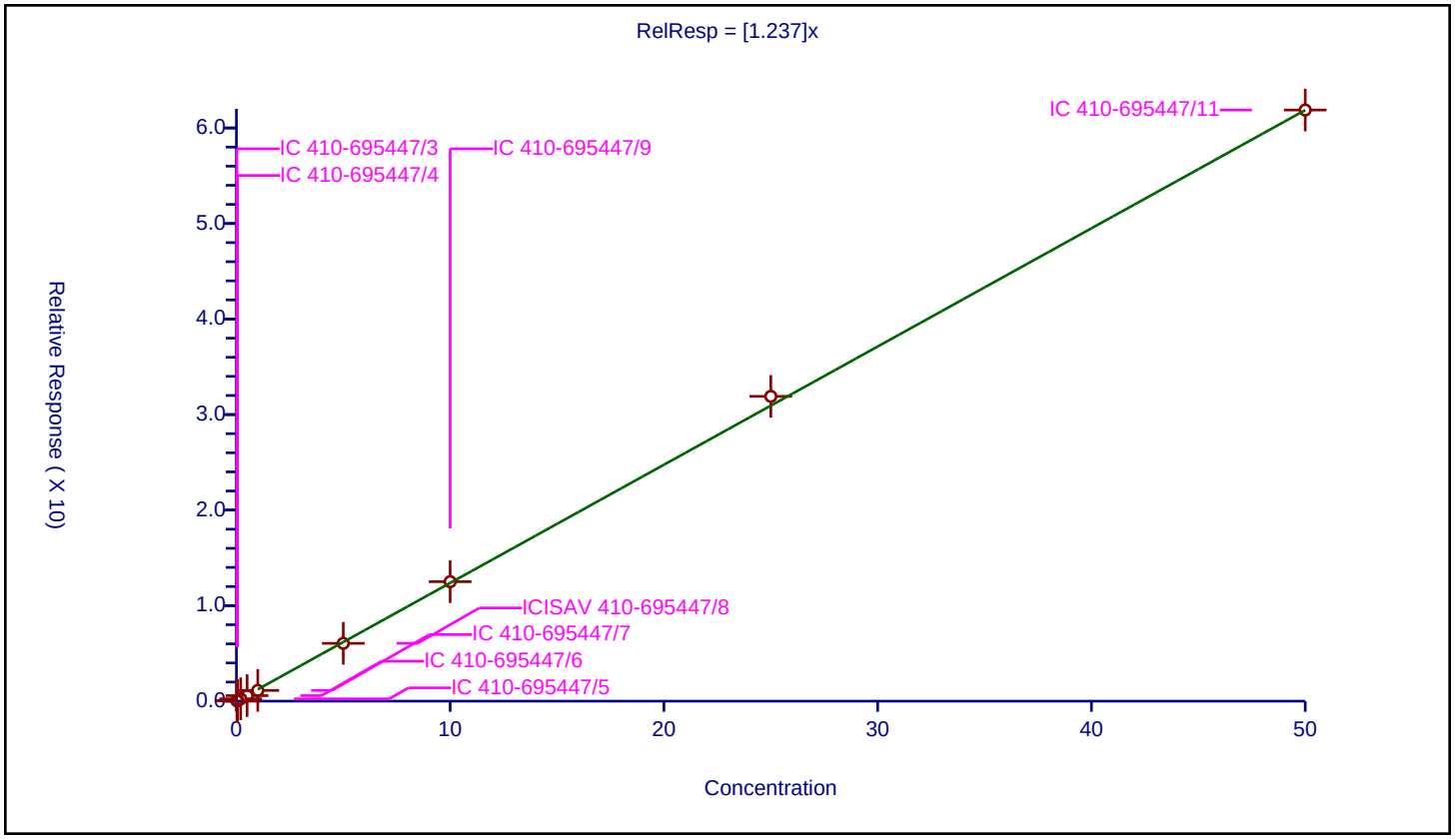
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.237 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.035026 | 10.0 | 1261911.0 | 1.40105 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.062917 | 10.0 | 1234157.0 | 1.258349 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.244534 | 10.0 | 1256184.0 | 1.222671 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.578537 | 10.0 | 1256982.0 | 1.157073 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.122994 | 10.0 | 1278199.0 | 1.122994 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.051737 | 10.0 | 1309596.0 | 1.210347 | Y |
| 7 | IC 410-695447/9 | 10.0 | 12.50533 | 10.0 | 1331162.0 | 1.250533 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.905496 | 10.0 | 1343477.0 | 1.27622 | Y |
| 9 | IC 410-695447/11 | 50.0 | 61.879857 | 10.0 | 1416709.0 | 1.237597 | Y |



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## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

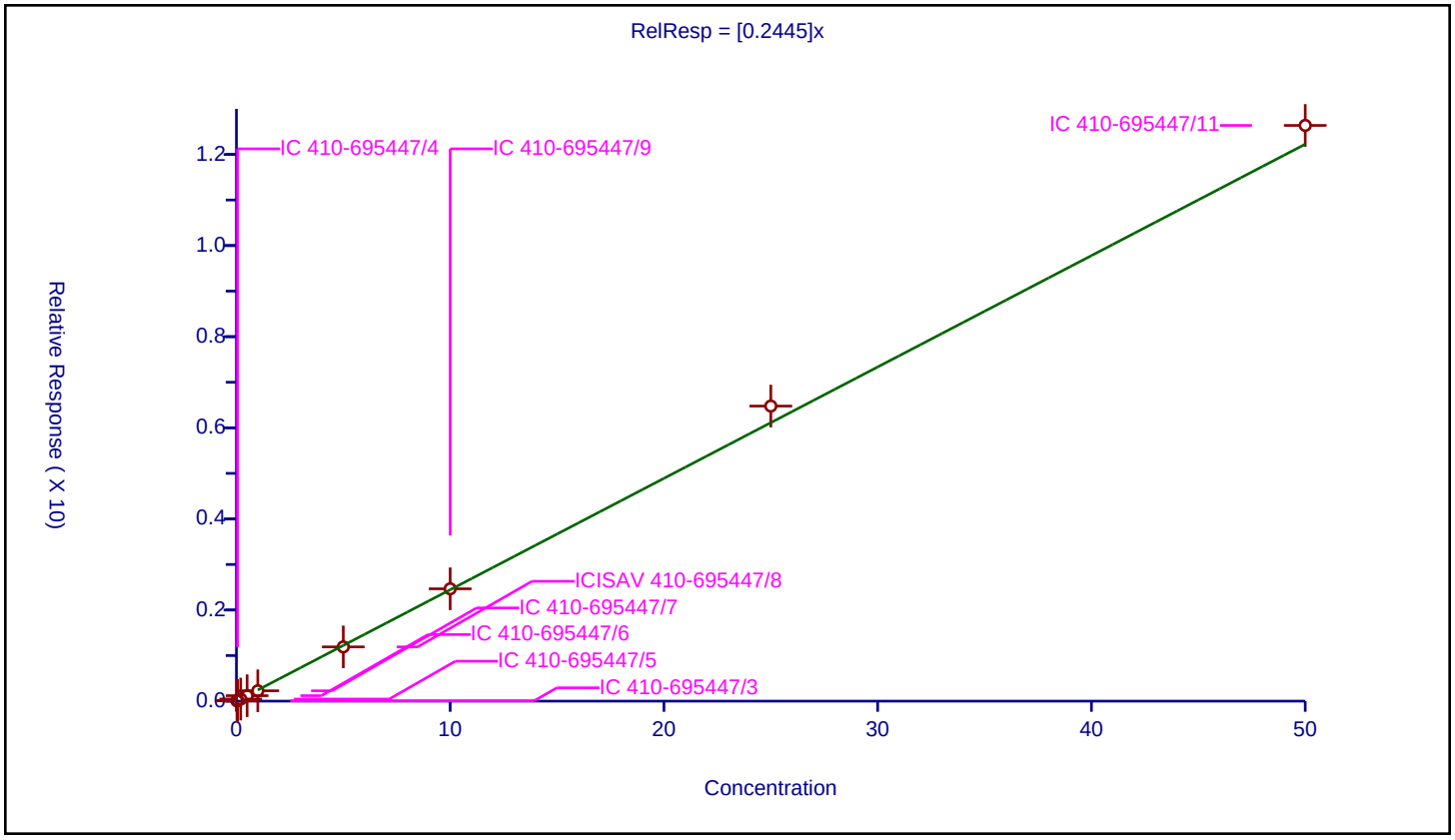
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2445 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.006102 | 10.0 | 1261911.0 | 0.244074 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.013159 | 10.0 | 1234157.0 | 0.263176 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.046068 | 10.0 | 1256184.0 | 0.23034 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.119508 | 10.0 | 1256982.0 | 0.239017 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.22732 | 10.0 | 1278199.0 | 0.22732 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.190818 | 10.0 | 1309596.0 | 0.238164 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.465801 | 10.0 | 1331162.0 | 0.24658 | Y |
| 8 | IC 410-695447/10 | 25.0 | 6.477 | 10.0 | 1343477.0 | 0.25908 | Y |
| 9 | IC 410-695447/11 | 50.0 | 12.637027 | 10.0 | 1416709.0 | 0.252741 | Y |



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## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

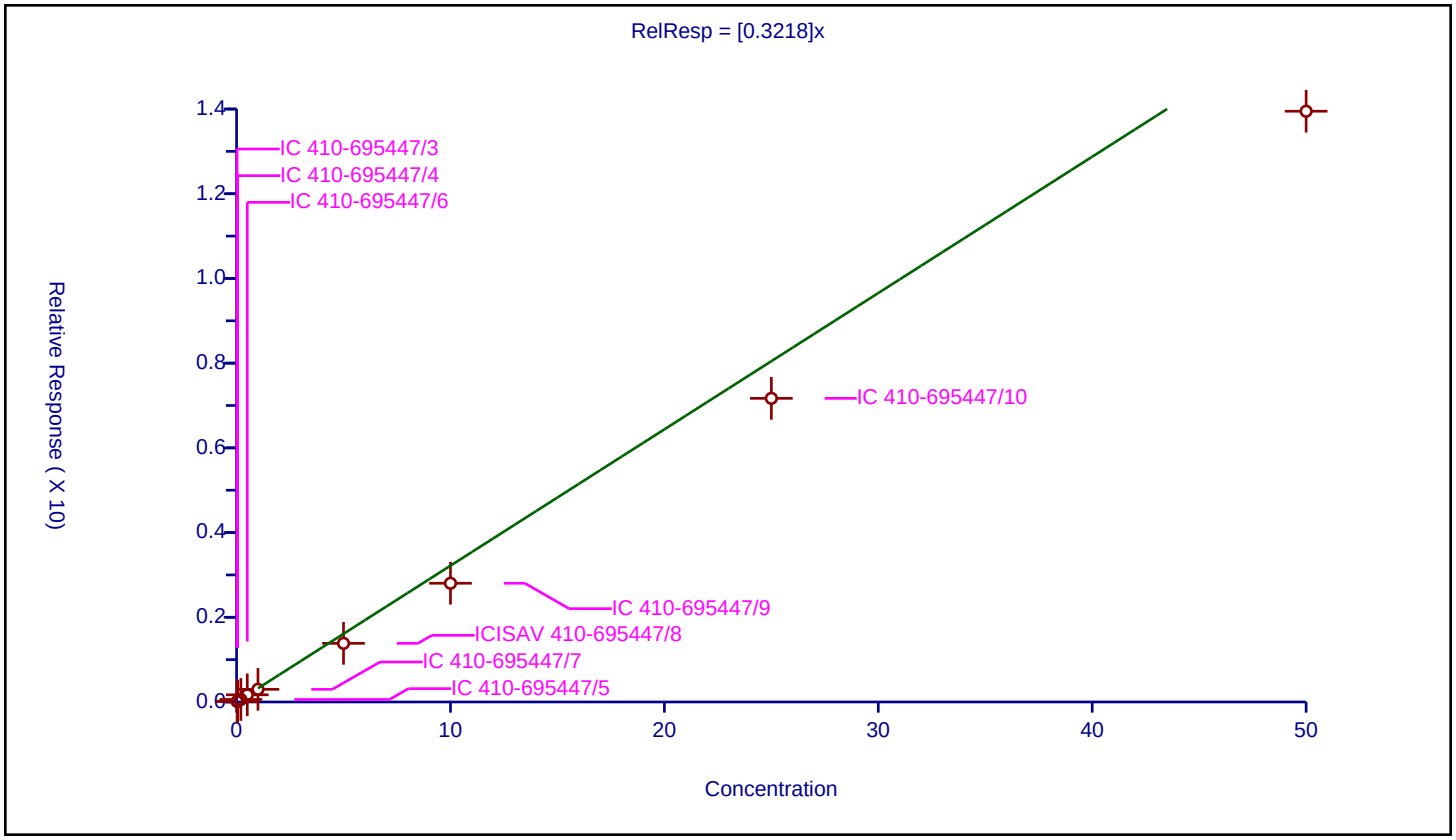
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3218 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012315 | 10.0 | 1261911.0 | 0.492586 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.01734 | 10.0 | 1234157.0 | 0.346795 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.059219 | 10.0 | 1256184.0 | 0.296095 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.169644 | 10.0 | 1256982.0 | 0.339289 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.298975 | 10.0 | 1278199.0 | 0.298975 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.38403 | 10.0 | 1309596.0 | 0.276806 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.80325 | 10.0 | 1331162.0 | 0.280325 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.168965 | 10.0 | 1343477.0 | 0.286759 | Y |
| 9 | IC 410-695447/11 | 50.0 | 13.947981 | 10.0 | 1416709.0 | 0.27896 | Y |



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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

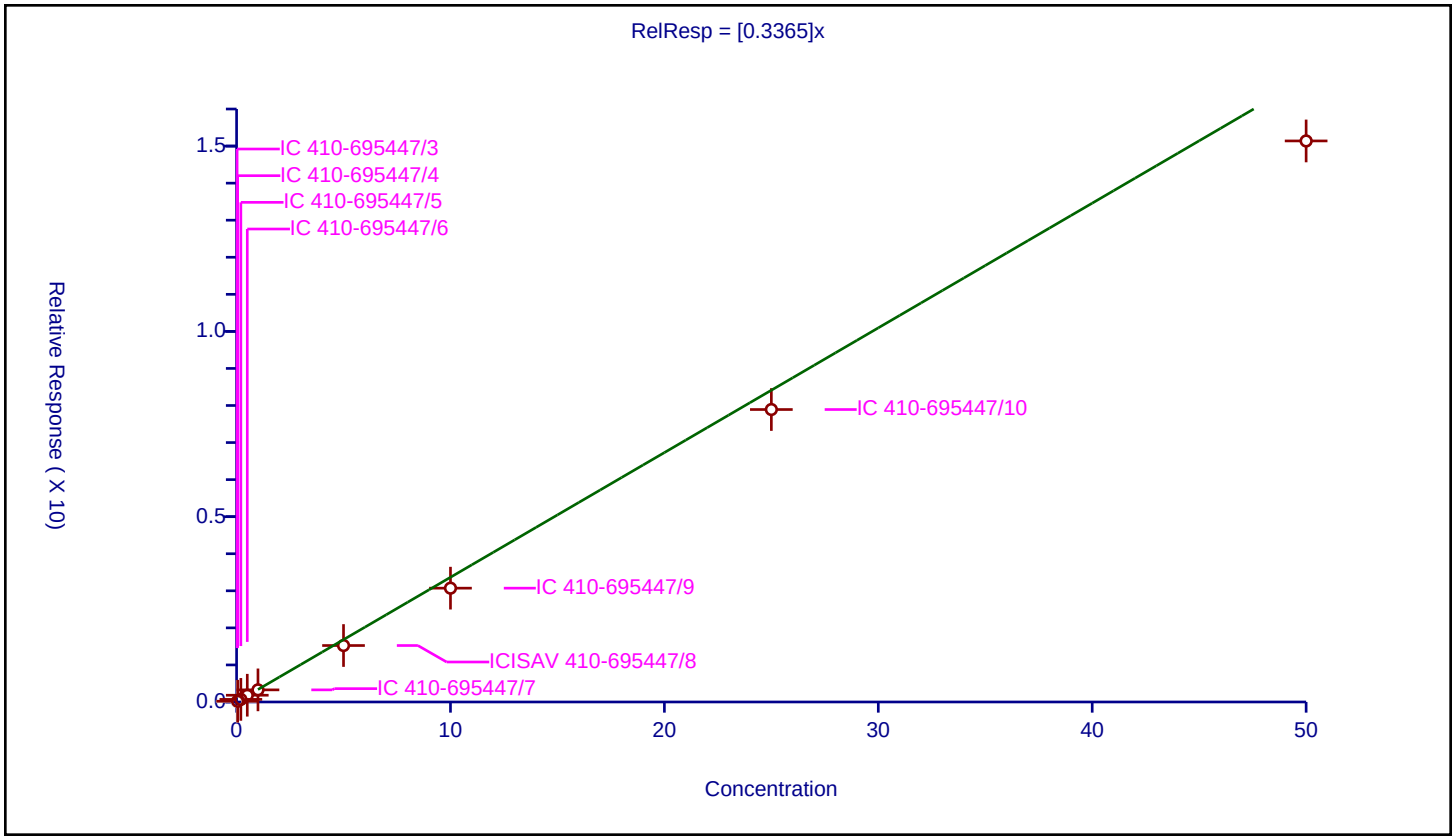
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.015041 | 10.0 | 1261911.0 | 0.601627 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.020816 | 10.0 | 1234157.0 | 0.416317 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.070507 | 10.0 | 1256184.0 | 0.352536 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.182692 | 10.0 | 1256982.0 | 0.365383 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.327343 | 10.0 | 1278199.0 | 0.327343 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.523875 | 10.0 | 1309596.0 | 0.304775 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.071294 | 10.0 | 1331162.0 | 0.307129 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.891315 | 10.0 | 1343477.0 | 0.315653 | Y |
| 9 | IC 410-695447/11 | 50.0 | 15.138345 | 10.0 | 1416709.0 | 0.302767 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

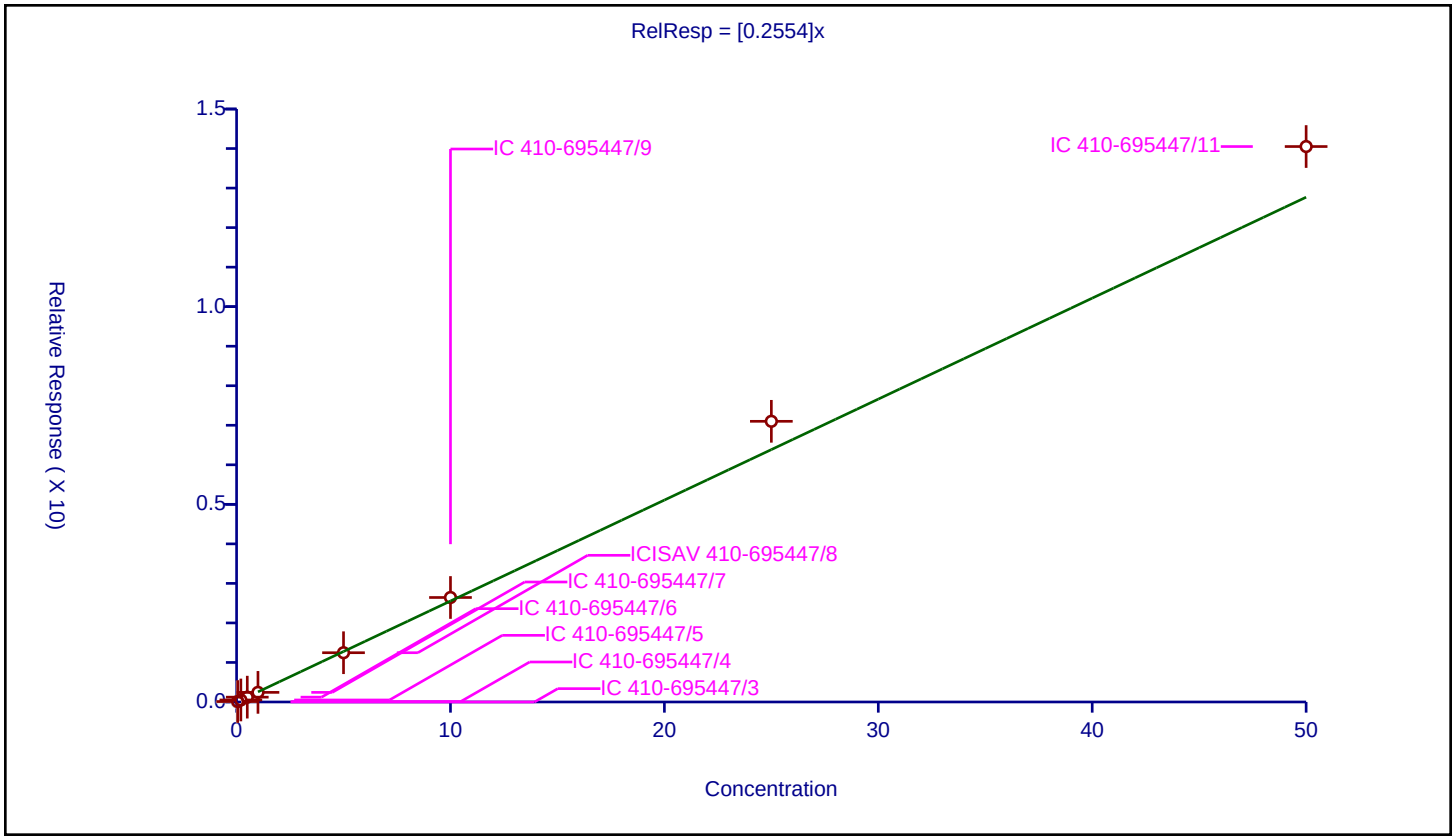
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2554 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1261911.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.01106 | 10.0 | 1234157.0 | 0.221204 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.050988 | 10.0 | 1256184.0 | 0.254939 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.12246 | 10.0 | 1256982.0 | 0.24492 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.243366 | 10.0 | 1278199.0 | 0.243366 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.246247 | 10.0 | 1309596.0 | 0.249249 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.643209 | 10.0 | 1331162.0 | 0.264321 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.100211 | 10.0 | 1343477.0 | 0.284008 | Y |
| 9 | IC 410-695447/11 | 50.0 | 14.051079 | 10.0 | 1416709.0 | 0.281022 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

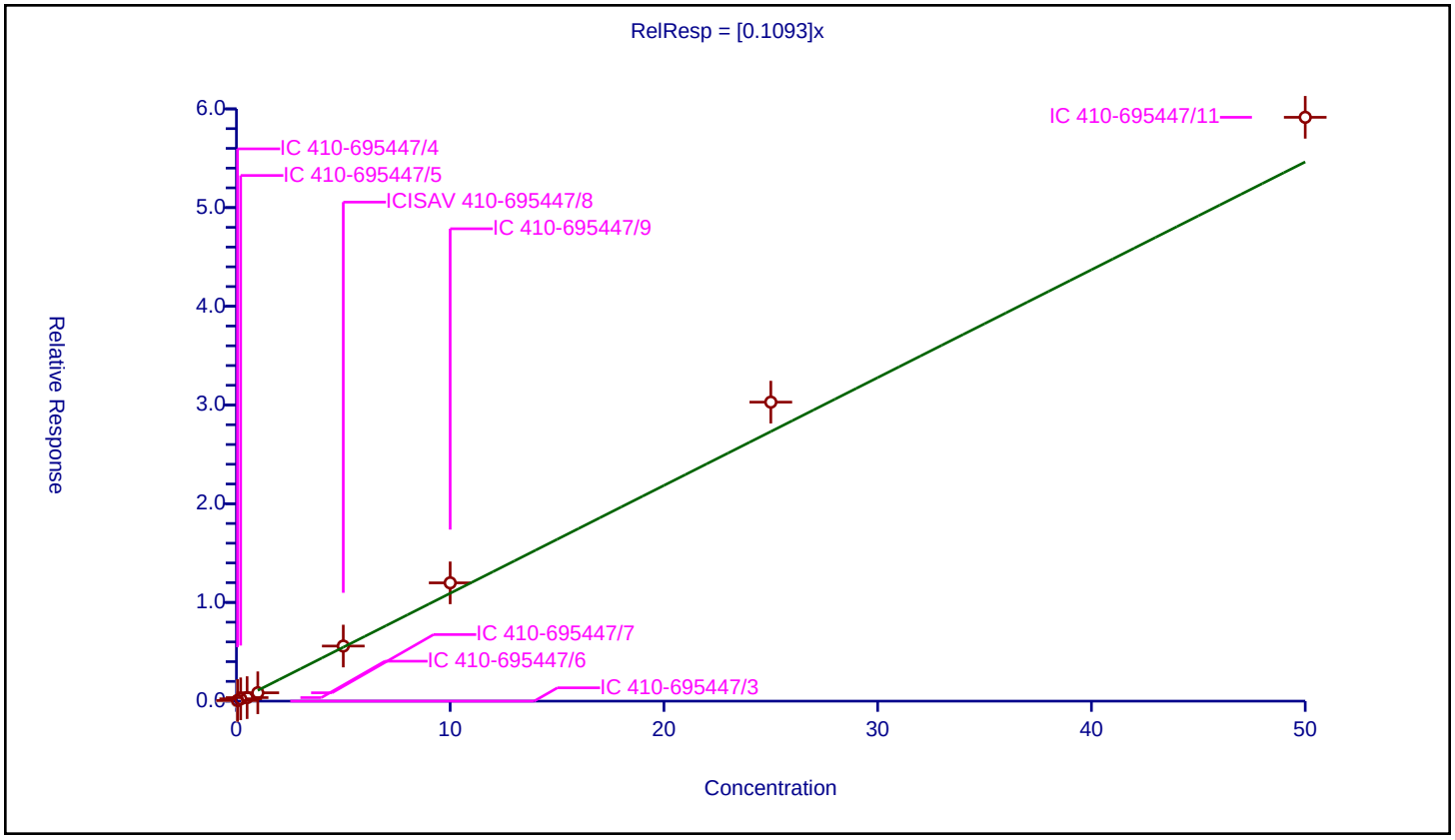
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1093 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1261911.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.006401 | 10.0 | 1234157.0 | 0.128023 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.023683 | 10.0 | 1256184.0 | 0.118414 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.035864 | 10.0 | 1256982.0 | 0.071727 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.084979 | 10.0 | 1278199.0 | 0.084979 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 0.558042 | 10.0 | 1309596.0 | 0.111608 | Y |
| 7 | IC 410-695447/9 | 10.0 | 1.198352 | 10.0 | 1331162.0 | 0.119835 | Y |
| 8 | IC 410-695447/10 | 25.0 | 3.029088 | 10.0 | 1343477.0 | 0.121164 | Y |
| 9 | IC 410-695447/11 | 50.0 | 5.914863 | 10.0 | 1416709.0 | 0.118297 | Y |



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## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

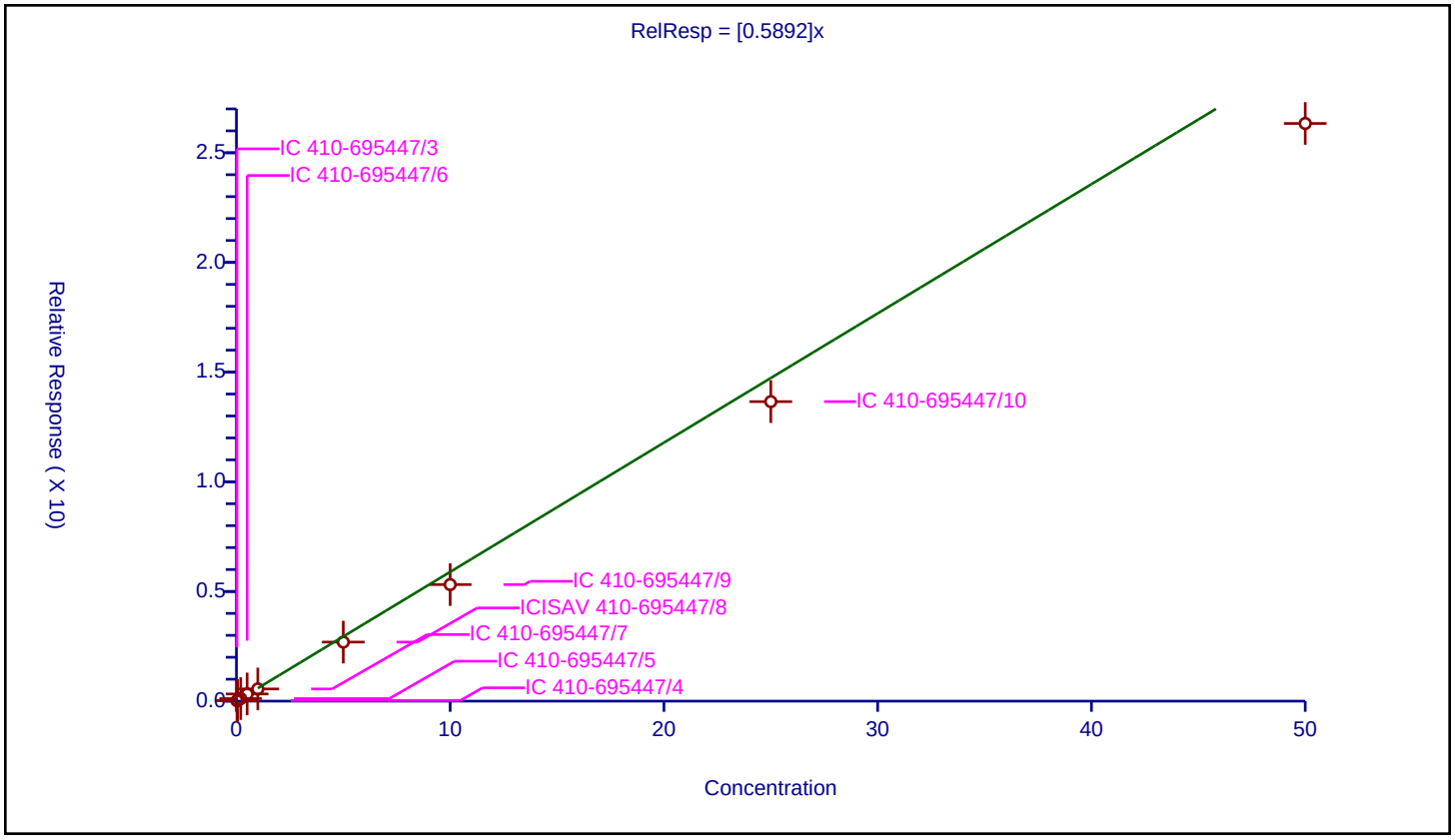
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5892 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.019589 | 10.0 | 1261911.0 | 0.783573 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.029291 | 10.0 | 1234157.0 | 0.585825 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.116177 | 10.0 | 1256184.0 | 0.580886 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.327419 | 10.0 | 1256982.0 | 0.654838 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.555062 | 10.0 | 1278199.0 | 0.555062 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.692304 | 10.0 | 1309596.0 | 0.538461 | Y |
| 7 | IC 410-695447/9 | 10.0 | 5.313929 | 10.0 | 1331162.0 | 0.531393 | Y |
| 8 | IC 410-695447/10 | 25.0 | 13.654763 | 10.0 | 1343477.0 | 0.546191 | Y |
| 9 | IC 410-695447/11 | 50.0 | 26.335444 | 10.0 | 1416709.0 | 0.526709 | Y |



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## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

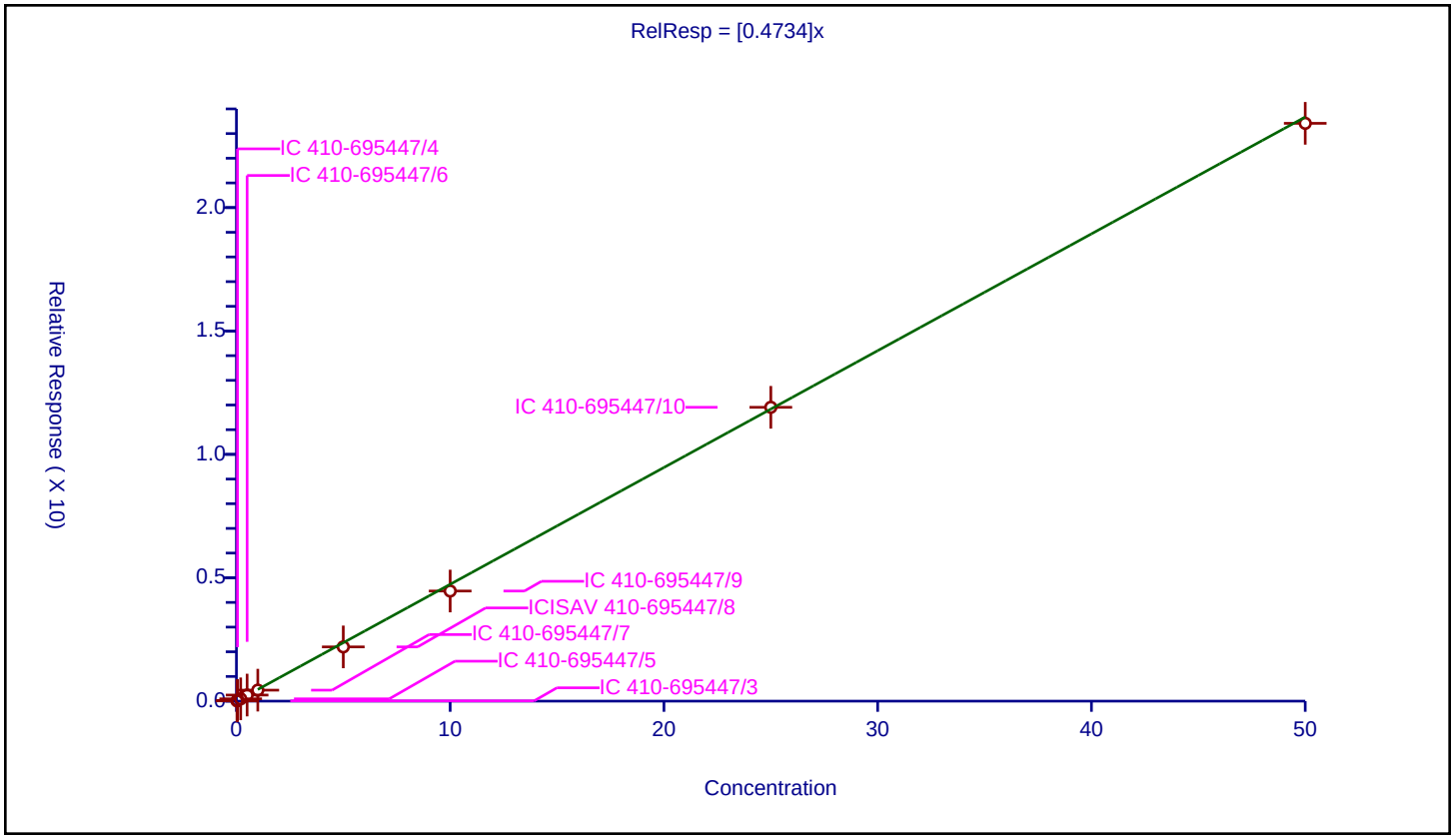
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4734 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.011776 | 10.0 | 1261911.0 | 0.471032 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.027752 | 10.0 | 1234157.0 | 0.555035 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.093211 | 10.0 | 1256184.0 | 0.466054 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.246328 | 10.0 | 1256982.0 | 0.492656 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.445408 | 10.0 | 1278199.0 | 0.445408 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.19764 | 10.0 | 1309596.0 | 0.439528 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.46283 | 10.0 | 1331162.0 | 0.446283 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.906925 | 10.0 | 1343477.0 | 0.476277 | Y |
| 9 | IC 410-695447/11 | 50.0 | 23.414477 | 10.0 | 1416709.0 | 0.46829 | Y |



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## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

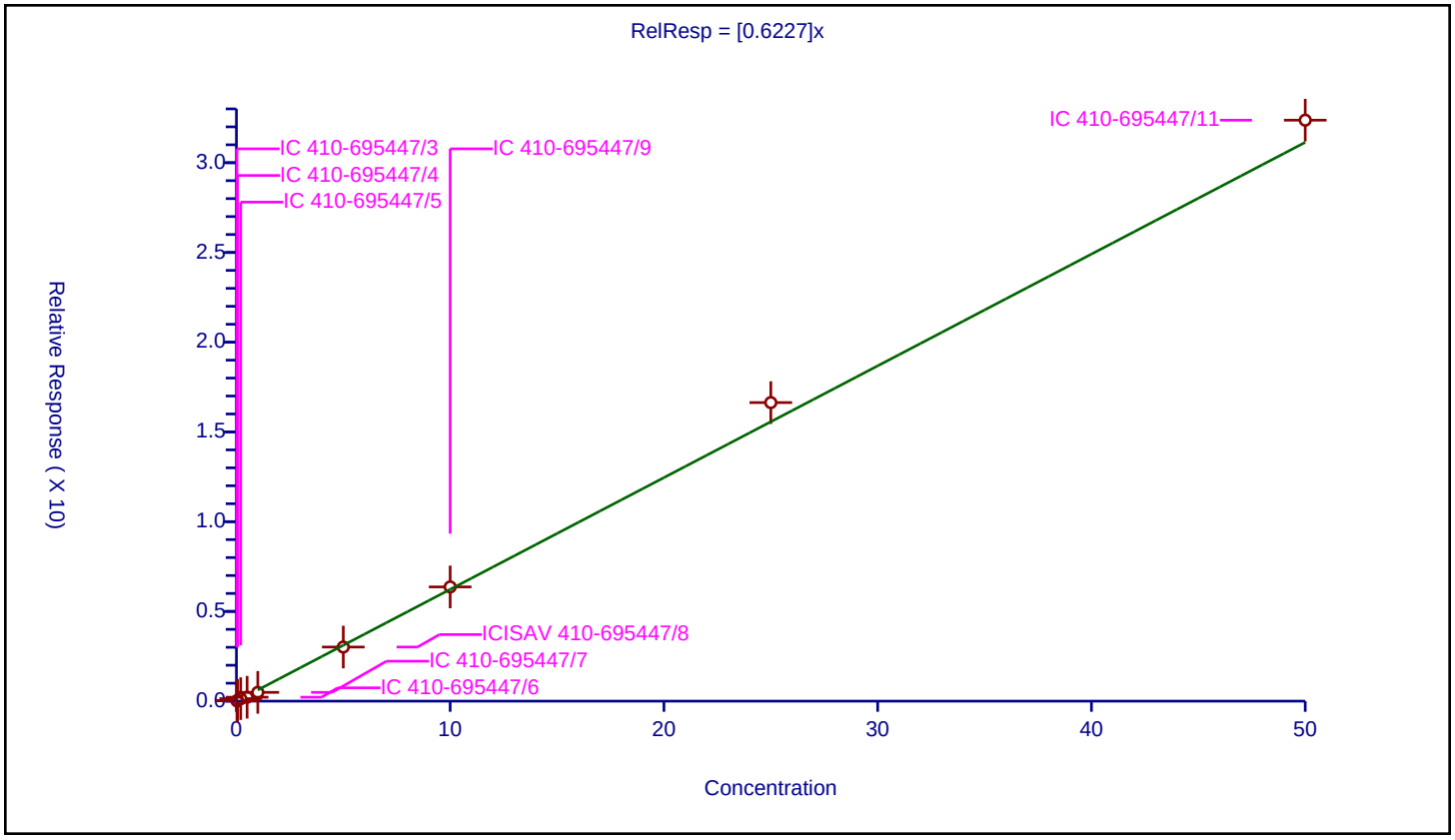
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6227 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018163 | 10.0 | 1261911.0 | 0.726517 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.035457 | 10.0 | 1234157.0 | 0.709148 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.138077 | 10.0 | 1256184.0 | 0.690385 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.21815 | 10.0 | 1256982.0 | 0.436299 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.489712 | 10.0 | 1278199.0 | 0.489712 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.01535 | 10.0 | 1309596.0 | 0.60307 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.364342 | 10.0 | 1331162.0 | 0.636434 | Y |
| 8 | IC 410-695447/10 | 25.0 | 16.635945 | 10.0 | 1343477.0 | 0.665438 | Y |
| 9 | IC 410-695447/11 | 50.0 | 32.370762 | 10.0 | 1416709.0 | 0.647415 | Y |



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## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

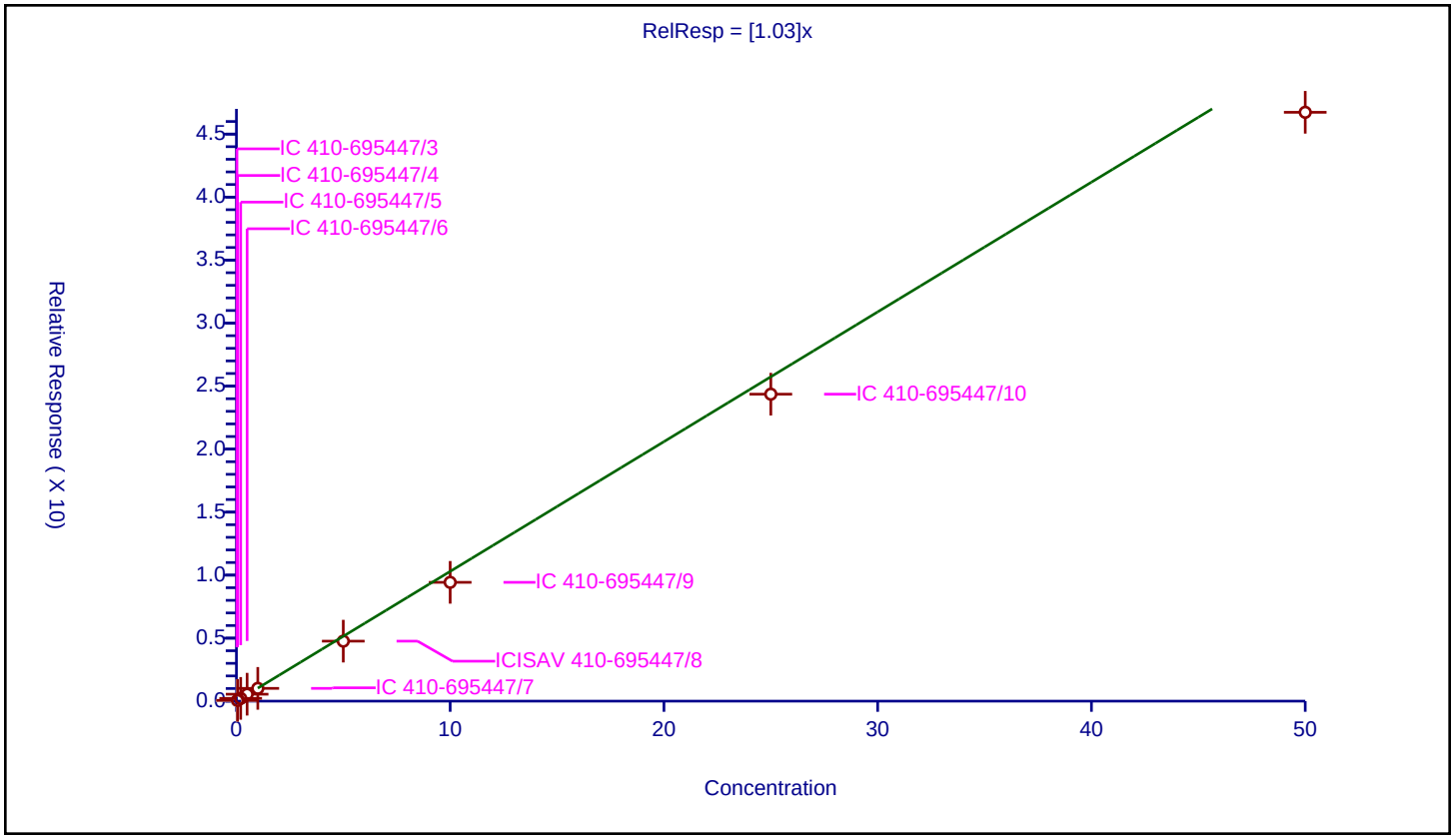
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.03 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.042823 | 10.0 | 1185119.0 | 1.712908 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.060894 | 10.0 | 1174502.0 | 1.217878 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.219743 | 10.0 | 1173053.0 | 1.098714 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.551054 | 10.0 | 1173550.0 | 1.102109 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.014515 | 10.0 | 1173211.0 | 1.014515 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.760012 | 10.0 | 1190995.0 | 0.952002 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.428091 | 10.0 | 1212851.0 | 0.942809 | Y |
| 8 | IC 410-695447/10 | 25.0 | 24.360723 | 10.0 | 1225987.0 | 0.974429 | Y |
| 9 | IC 410-695447/11 | 50.0 | 46.730066 | 10.0 | 1281454.0 | 0.934601 | Y |



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## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

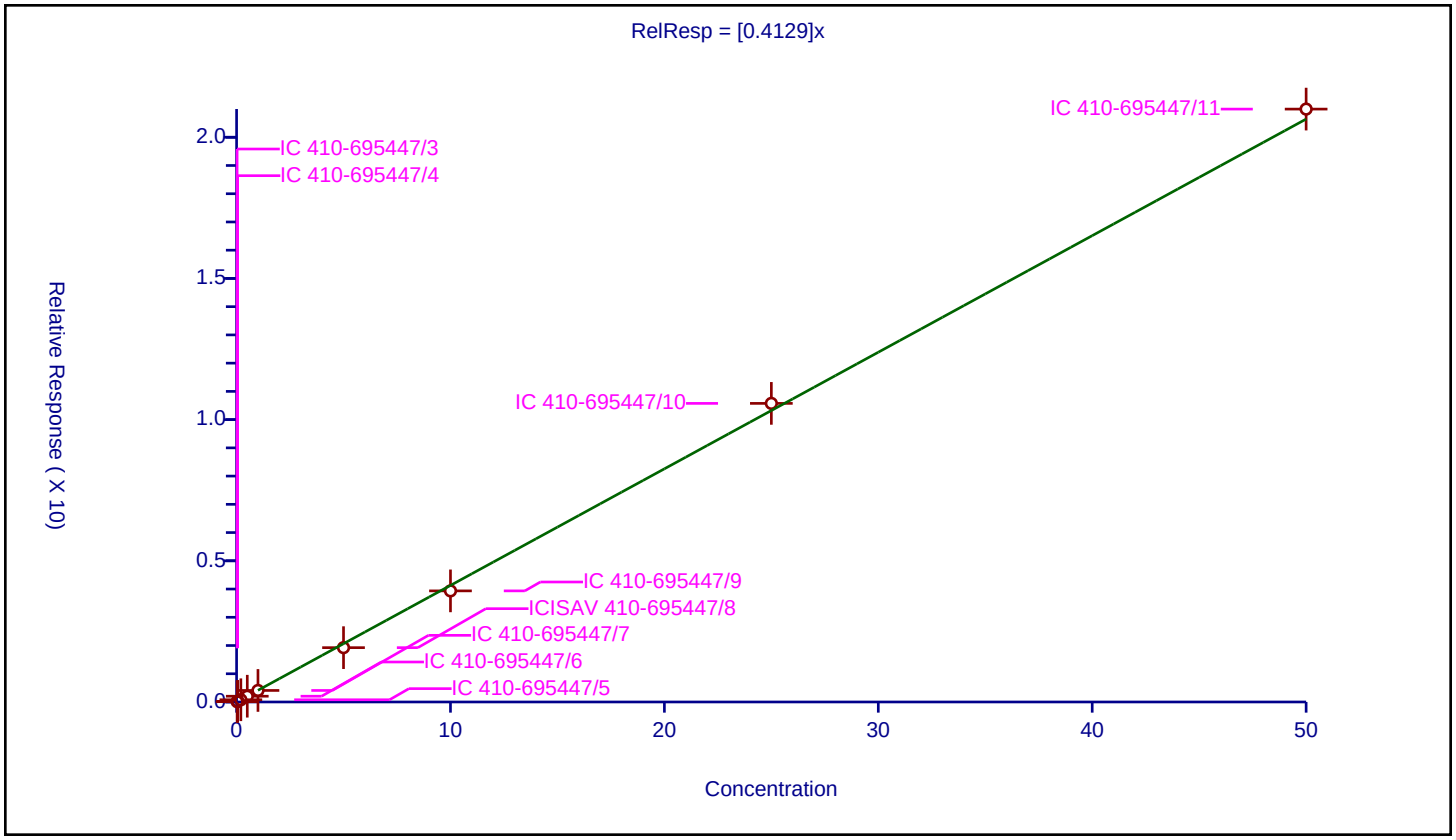
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4129 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.010826 | 10.0 | 1185119.0 | 0.433037 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022512 | 10.0 | 1174502.0 | 0.450233 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.078931 | 10.0 | 1173053.0 | 0.394654 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.204252 | 10.0 | 1173550.0 | 0.408504 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.408187 | 10.0 | 1173211.0 | 0.408187 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.924265 | 10.0 | 1190995.0 | 0.384853 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.934539 | 10.0 | 1212851.0 | 0.393454 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.57468 | 10.0 | 1225987.0 | 0.422987 | Y |
| 9 | IC 410-695447/11 | 50.0 | 20.997328 | 10.0 | 1281454.0 | 0.419947 | Y |



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## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

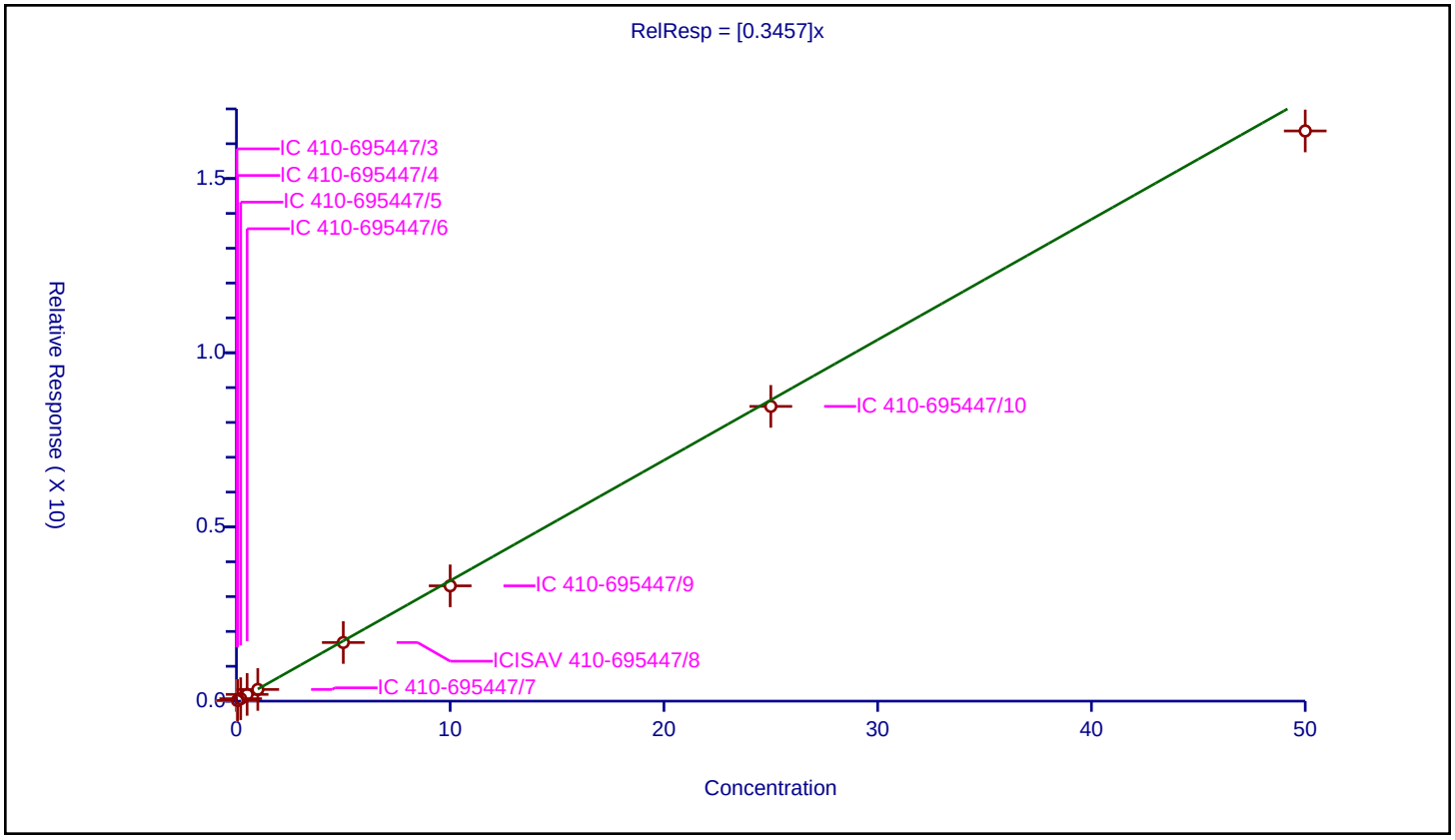
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3457 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014024 | 10.0 | 1185119.0 | 0.560956 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.018033 | 10.0 | 1174502.0 | 0.360663 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.069775 | 10.0 | 1173053.0 | 0.348876 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.193848 | 10.0 | 1173550.0 | 0.387695 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.335217 | 10.0 | 1173211.0 | 0.335217 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.683315 | 10.0 | 1190995.0 | 0.336663 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.310159 | 10.0 | 1212851.0 | 0.331016 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.46071 | 10.0 | 1225987.0 | 0.338428 | Y |
| 9 | IC 410-695447/11 | 50.0 | 16.367142 | 10.0 | 1281454.0 | 0.327343 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

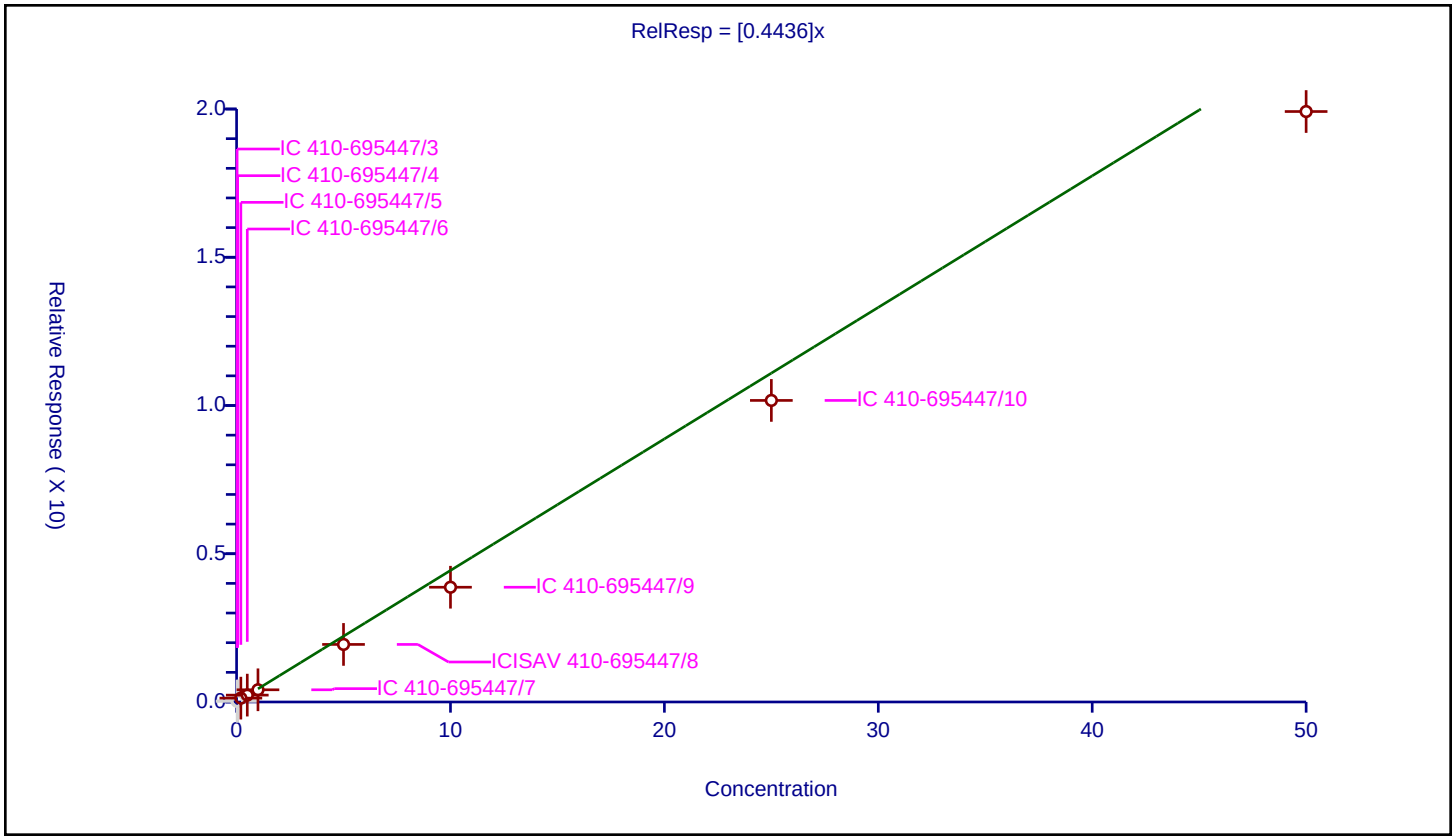
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4436 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023171 | 10.0 | 1185119.0 | 0.926827 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.036901 | 10.0 | 1174502.0 | 0.738015 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.130173 | 10.0 | 1173053.0 | 0.650866 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.231486 | 10.0 | 1173550.0 | 0.462971 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.411273 | 10.0 | 1173211.0 | 0.411273 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.940965 | 10.0 | 1190995.0 | 0.388193 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.870401 | 10.0 | 1212851.0 | 0.38704 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.170875 | 10.0 | 1225987.0 | 0.406835 | Y |
| 9 | IC 410-695447/11 | 50.0 | 19.915167 | 10.0 | 1281454.0 | 0.398303 | Y |



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## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

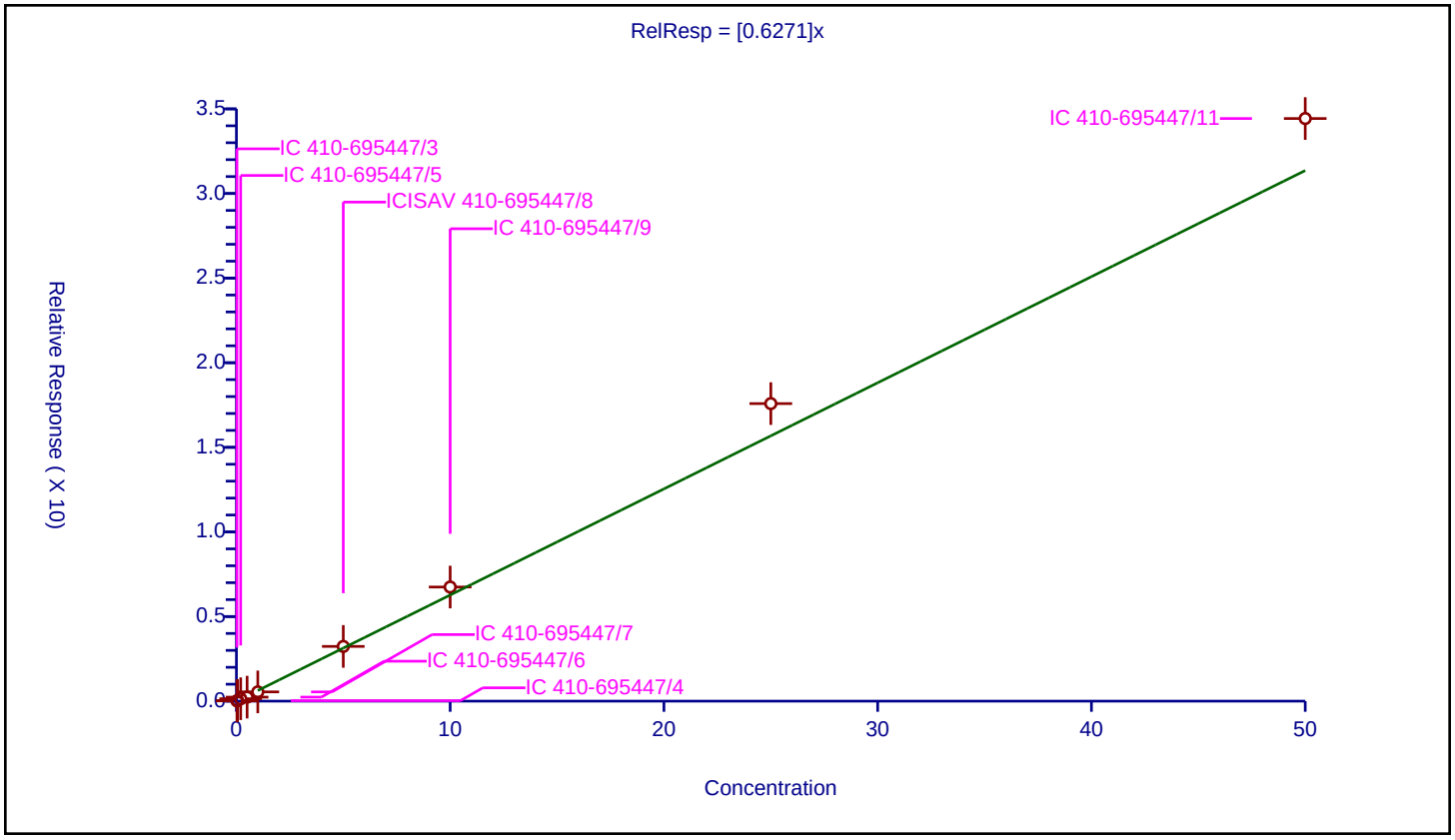
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6271 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.016209 | 10.0 | 1185119.0 | 0.648374 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.027688 | 10.0 | 1174502.0 | 0.553767 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.141963 | 10.0 | 1173053.0 | 0.709814 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.236343 | 10.0 | 1173550.0 | 0.472685 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.546534 | 10.0 | 1173211.0 | 0.546534 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.233616 | 10.0 | 1190995.0 | 0.646723 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.744044 | 10.0 | 1212851.0 | 0.674404 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.583653 | 10.0 | 1225987.0 | 0.703346 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.430374 | 10.0 | 1281454.0 | 0.688607 | Y |



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## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

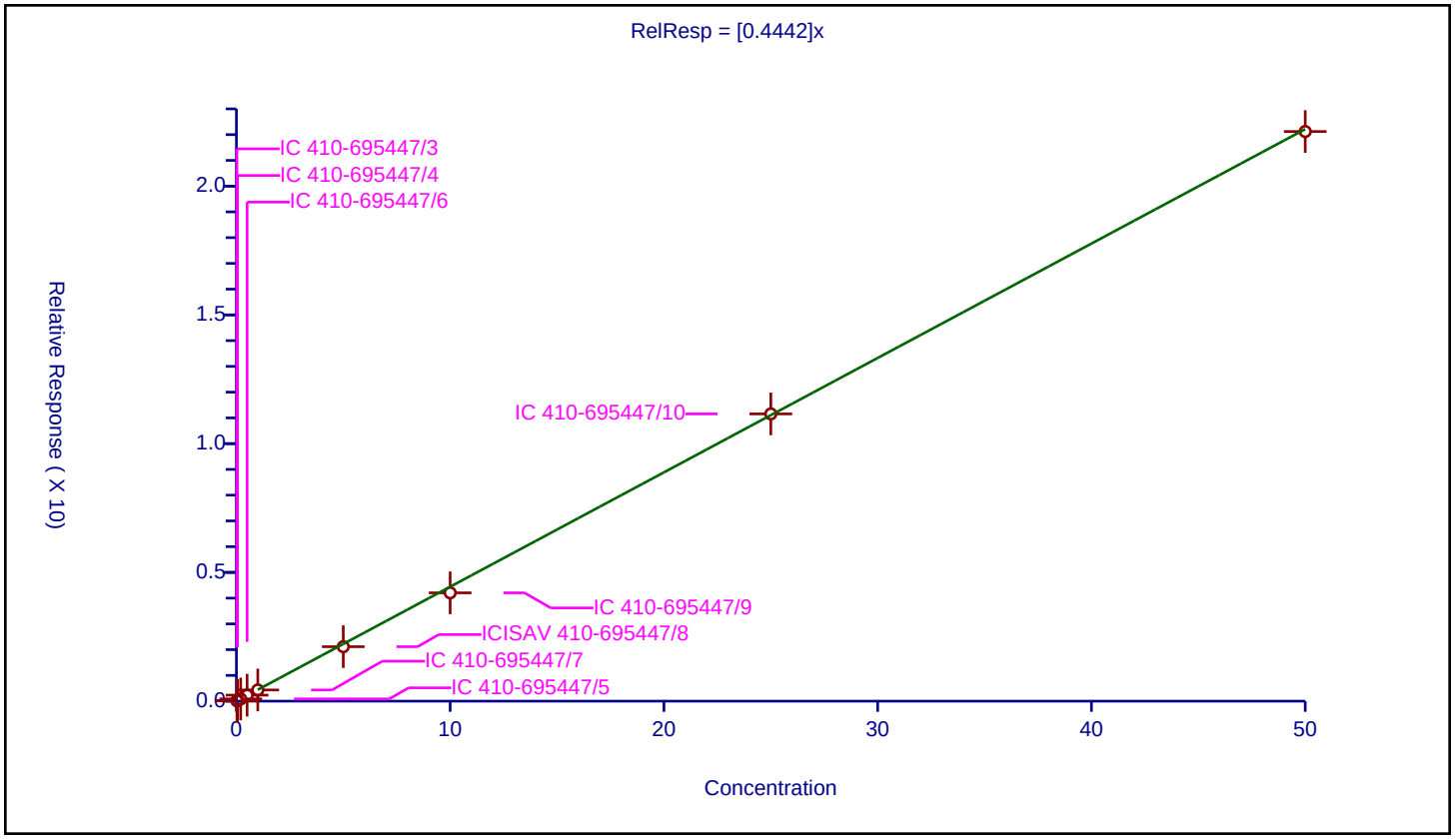
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4442 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012092 | 10.0 | 1185119.0 | 0.483665 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022375 | 10.0 | 1174502.0 | 0.447509 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.086654 | 10.0 | 1173053.0 | 0.433271 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.233633 | 10.0 | 1173550.0 | 0.467266 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.434363 | 10.0 | 1173211.0 | 0.434363 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.114173 | 10.0 | 1190995.0 | 0.422835 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.206593 | 10.0 | 1212851.0 | 0.420659 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.154971 | 10.0 | 1225987.0 | 0.446199 | Y |
| 9 | IC 410-695447/11 | 50.0 | 22.120521 | 10.0 | 1281454.0 | 0.44241 | Y |



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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

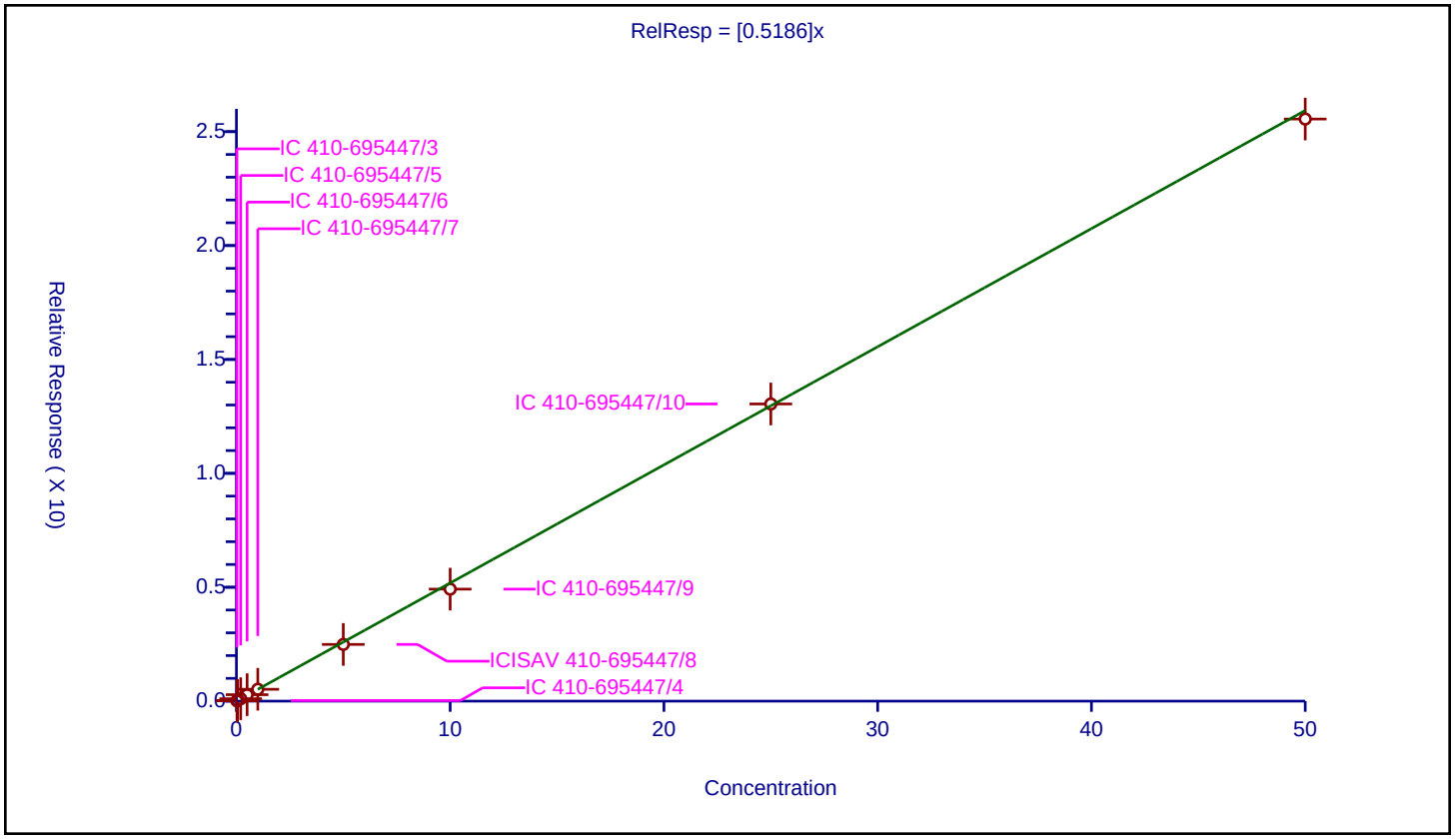
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5186 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013003 | 10.0 | 1185119.0 | 0.520117 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.025441 | 10.0 | 1174502.0 | 0.508811 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.105358 | 10.0 | 1173053.0 | 0.526788 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.283908 | 10.0 | 1173550.0 | 0.567816 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.521236 | 10.0 | 1173211.0 | 0.521236 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.489885 | 10.0 | 1190995.0 | 0.497977 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.917504 | 10.0 | 1212851.0 | 0.49175 | Y |
| 8 | IC 410-695447/10 | 25.0 | 13.045326 | 10.0 | 1225987.0 | 0.521813 | Y |
| 9 | IC 410-695447/11 | 50.0 | 25.554597 | 10.0 | 1281454.0 | 0.511092 | Y |



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## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

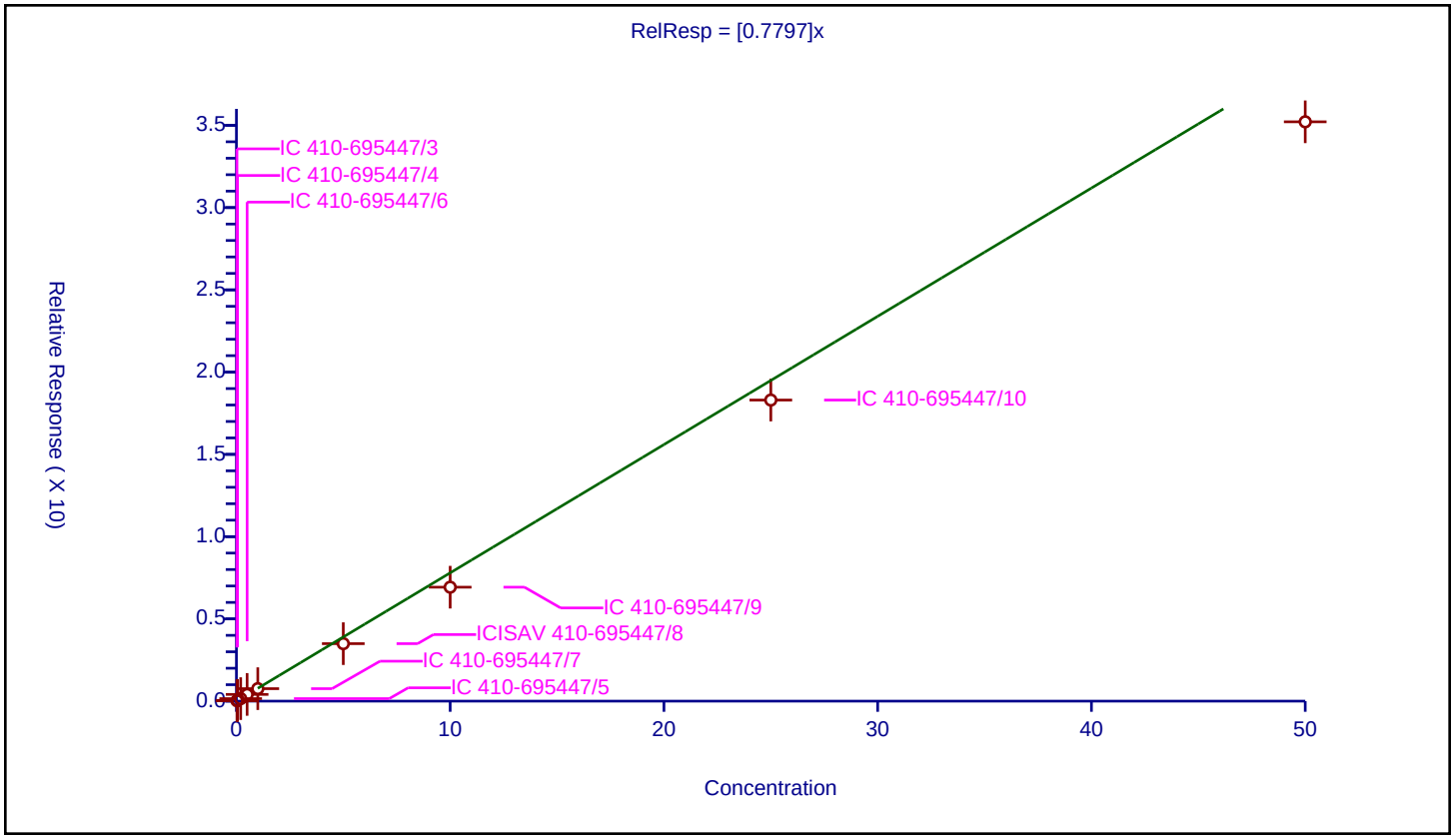
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7797 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023542 | 10.0 | 1185119.0 | 0.941678 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.045304 | 10.0 | 1174502.0 | 0.906086 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.153173 | 10.0 | 1173053.0 | 0.765865 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.40847 | 10.0 | 1173550.0 | 0.81694 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.758866 | 10.0 | 1173211.0 | 0.758866 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.494624 | 10.0 | 1190995.0 | 0.698925 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.926391 | 10.0 | 1212851.0 | 0.692639 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.300936 | 10.0 | 1225987.0 | 0.732037 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.214054 | 10.0 | 1281454.0 | 0.704281 | Y |



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## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

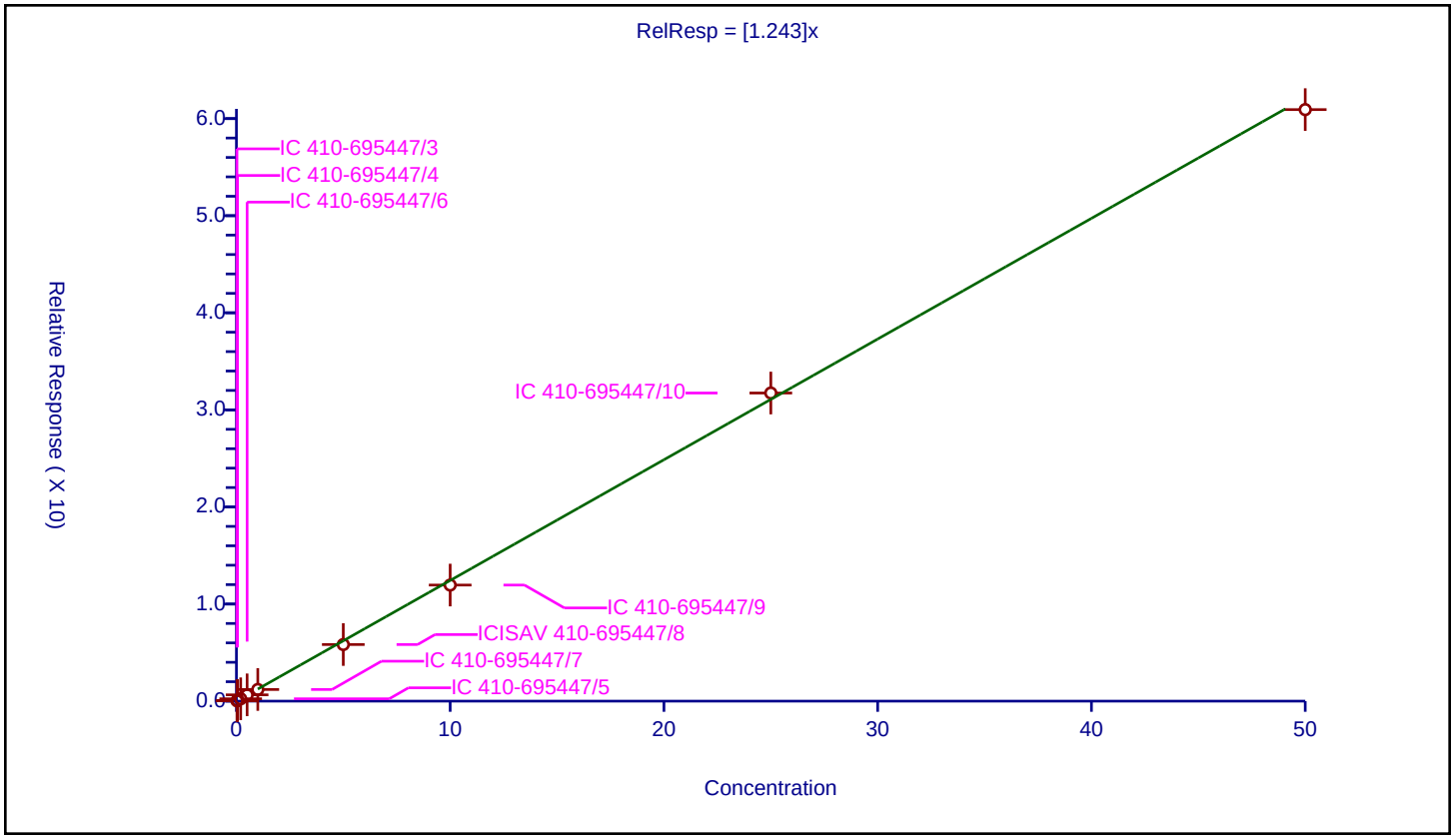
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.243 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.034165 | 10.0 | 1185119.0 | 1.366614 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.063261 | 10.0 | 1174502.0 | 1.265217 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.242538 | 10.0 | 1173053.0 | 1.21269 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.647386 | 10.0 | 1173550.0 | 1.294772 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.19952 | 10.0 | 1173211.0 | 1.19952 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.829831 | 10.0 | 1190995.0 | 1.165966 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.956943 | 10.0 | 1212851.0 | 1.195694 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.736054 | 10.0 | 1225987.0 | 1.269442 | Y |
| 9 | IC 410-695447/11 | 50.0 | 60.925043 | 10.0 | 1281454.0 | 1.218501 | Y |



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## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

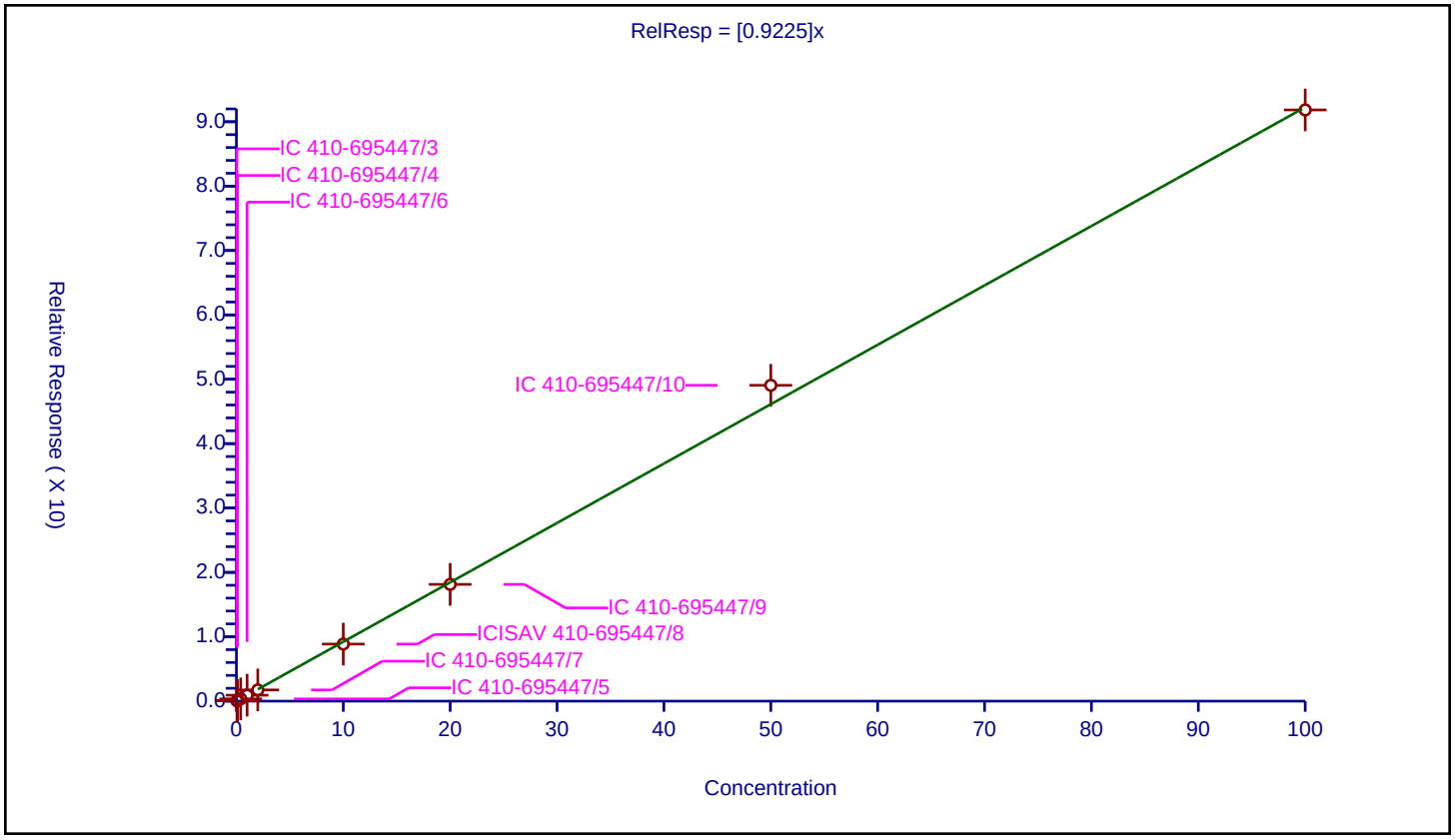
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.05 | 0.050122 | 10.0 | 1185119.0 | 1.002431 | Y |
| 2 | IC 410-695447/4 | 0.1 | 0.093836 | 10.0 | 1174502.0 | 0.938355 | Y |
| 3 | IC 410-695447/5 | 0.4 | 0.34995 | 10.0 | 1173053.0 | 0.874875 | Y |
| 4 | IC 410-695447/6 | 1.0 | 0.924895 | 10.0 | 1173550.0 | 0.924895 | Y |
| 5 | IC 410-695447/7 | 2.0 | 1.738784 | 10.0 | 1173211.0 | 0.869392 | Y |
| 6 | ICISAV 410-695447/8 | 10.0 | 8.863287 | 10.0 | 1190995.0 | 0.886329 | Y |
| 7 | IC 410-695447/9 | 20.0 | 18.13832 | 10.0 | 1212851.0 | 0.906916 | Y |
| 8 | IC 410-695447/10 | 50.0 | 49.063163 | 10.0 | 1225987.0 | 0.981263 | Y |
| 9 | IC 410-695447/11 | 100.0 | 91.838997 | 10.0 | 1281454.0 | 0.91839 | Y |



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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

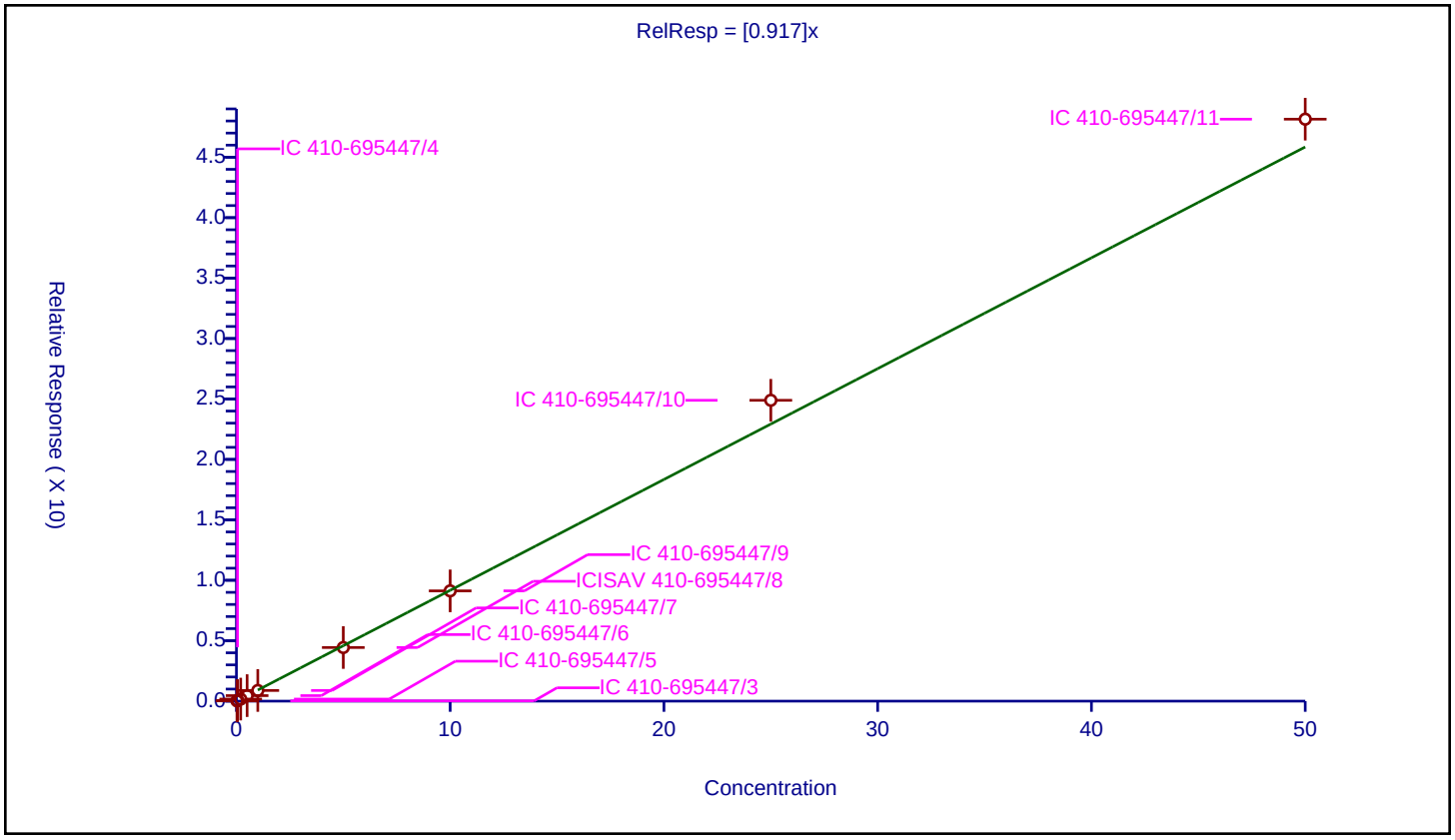
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.917 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.022631 | 10.0 | 1185119.0 | 0.905226 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.046794 | 10.0 | 1174502.0 | 0.935886 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.170998 | 10.0 | 1173053.0 | 0.854991 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.458268 | 10.0 | 1173550.0 | 0.916535 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.882015 | 10.0 | 1173211.0 | 0.882015 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.435795 | 10.0 | 1190995.0 | 0.887159 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.124163 | 10.0 | 1212851.0 | 0.912416 | Y |
| 8 | IC 410-695447/10 | 25.0 | 24.890362 | 10.0 | 1225987.0 | 0.995614 | Y |
| 9 | IC 410-695447/11 | 50.0 | 48.149391 | 10.0 | 1281454.0 | 0.962988 | Y |



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## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

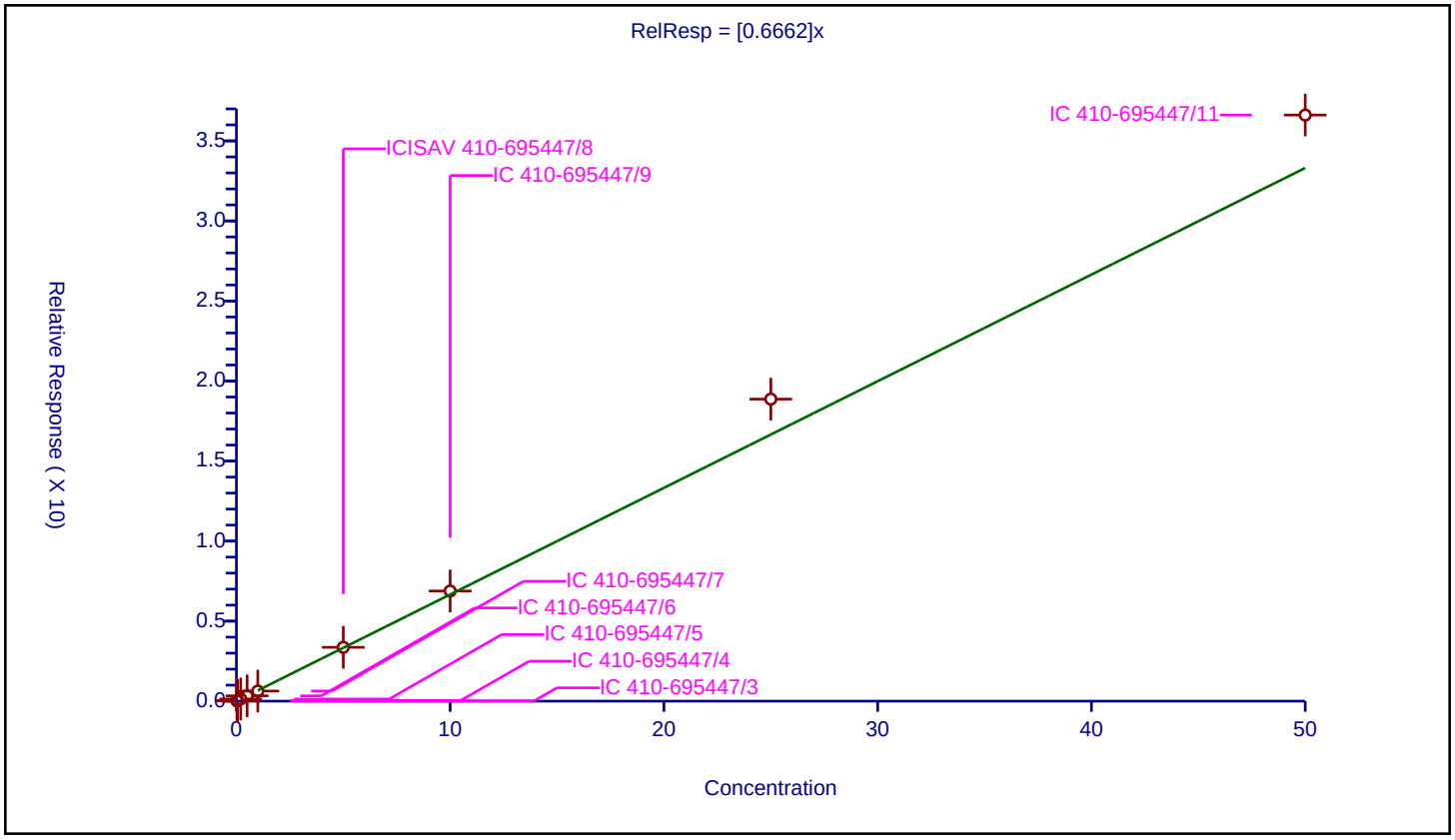
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6662 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013695 | 10.0 | 1185119.0 | 0.547793 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.031997 | 10.0 | 1174502.0 | 0.639931 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.132935 | 10.0 | 1173053.0 | 0.664676 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.331754 | 10.0 | 1173550.0 | 0.663508 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.632214 | 10.0 | 1173211.0 | 0.632214 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.362029 | 10.0 | 1190995.0 | 0.672406 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.881018 | 10.0 | 1212851.0 | 0.688102 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.868047 | 10.0 | 1225987.0 | 0.754722 | Y |
| 9 | IC 410-695447/11 | 50.0 | 36.614916 | 10.0 | 1281454.0 | 0.732298 | Y |



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## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

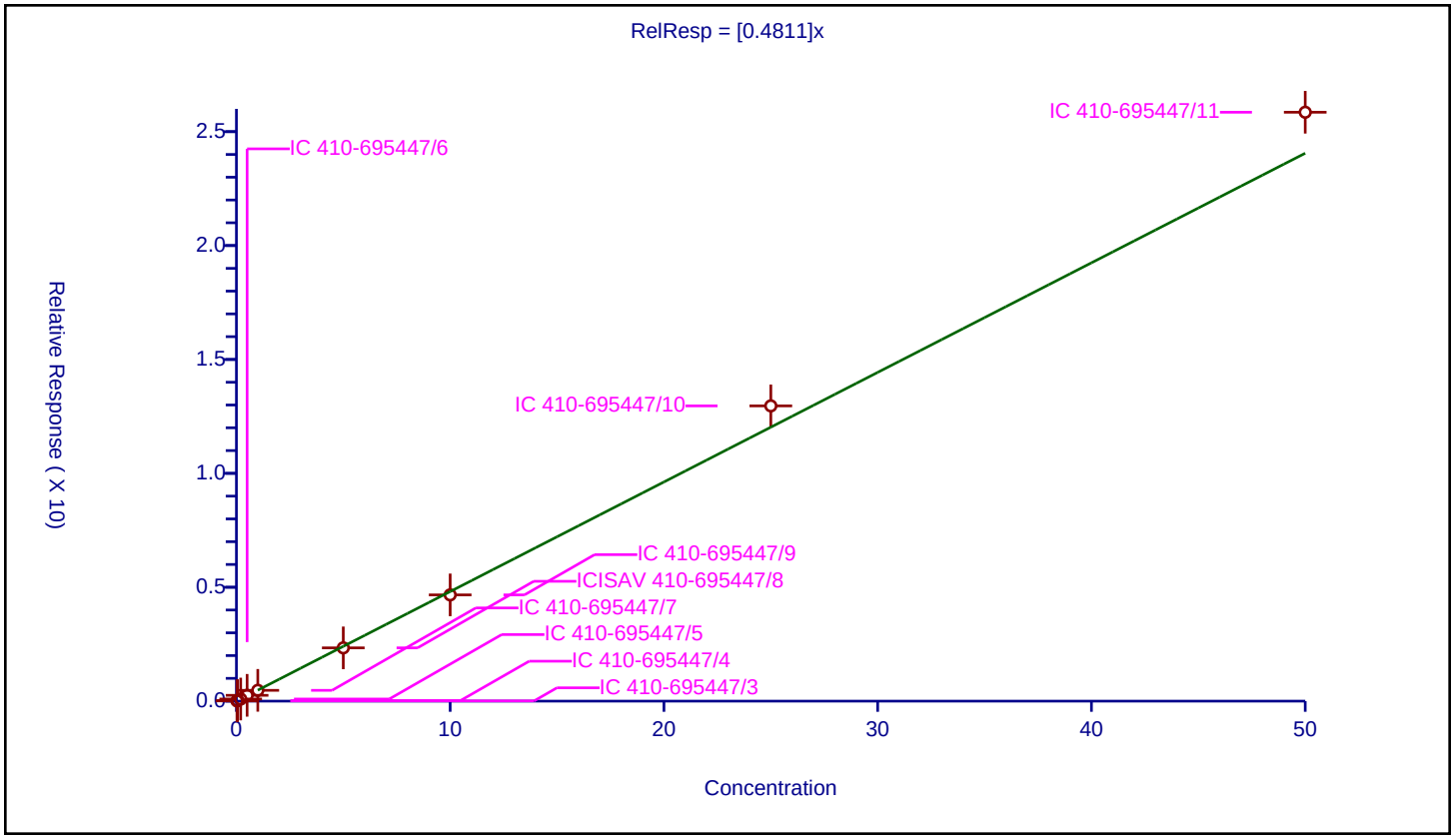
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4811 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.011644 | 10.0 | 1185119.0 | 0.465776 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022299 | 10.0 | 1174502.0 | 0.445976 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.092502 | 10.0 | 1173053.0 | 0.462511 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.255601 | 10.0 | 1173550.0 | 0.511201 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.474424 | 10.0 | 1173211.0 | 0.474424 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.338582 | 10.0 | 1190995.0 | 0.467716 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.665 | 10.0 | 1212851.0 | 0.4665 | Y |
| 8 | IC 410-695447/10 | 25.0 | 12.962022 | 10.0 | 1225987.0 | 0.518481 | Y |
| 9 | IC 410-695447/11 | 50.0 | 25.85293 | 10.0 | 1281454.0 | 0.517059 | Y |



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## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

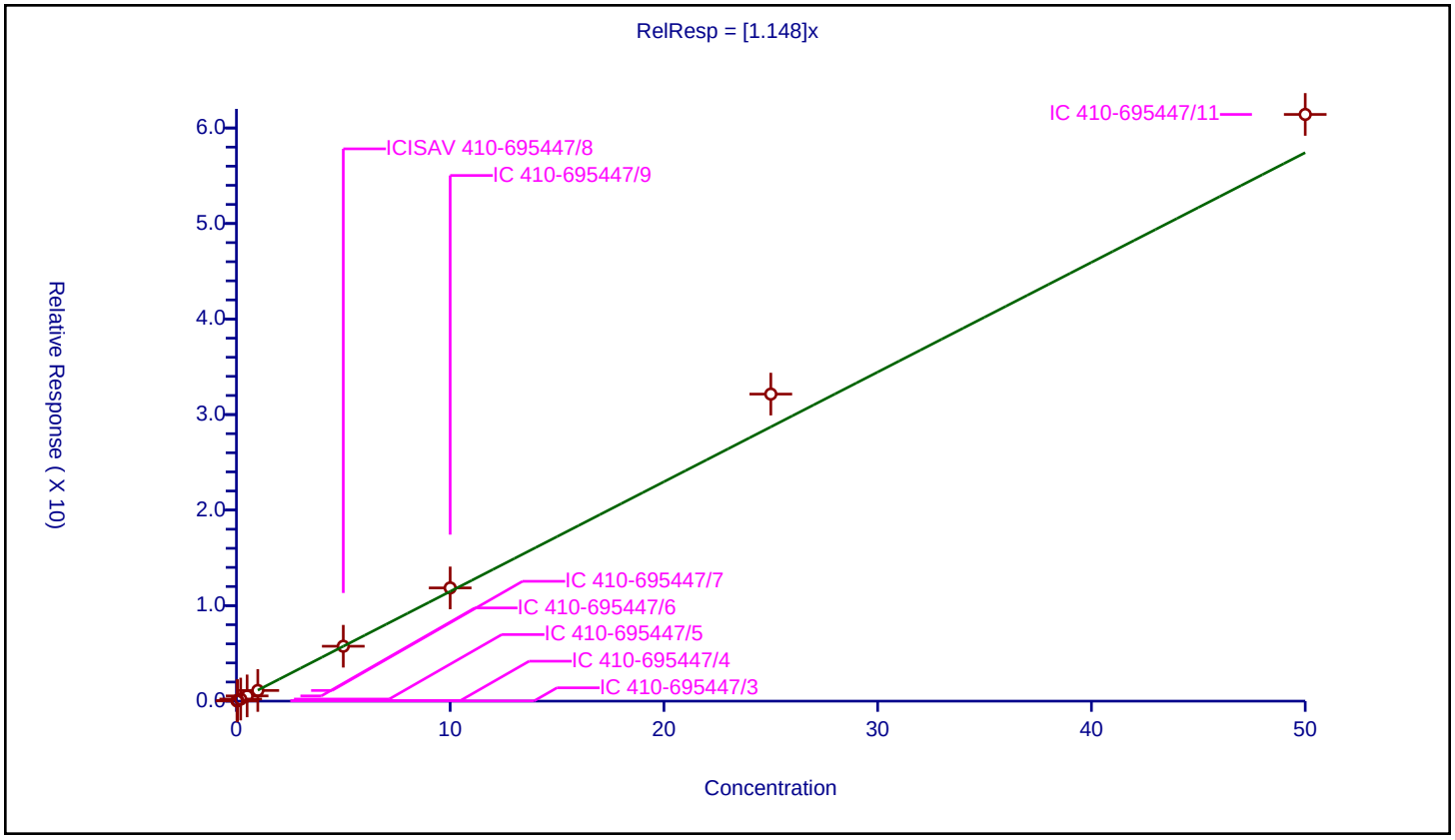
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.148 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.025913 | 10.0 | 1185119.0 | 1.03652 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.057267 | 10.0 | 1174502.0 | 1.145336 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.218396 | 10.0 | 1173053.0 | 1.09198 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.548072 | 10.0 | 1173550.0 | 1.096144 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.116133 | 10.0 | 1173211.0 | 1.116133 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.746985 | 10.0 | 1190995.0 | 1.149397 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.854647 | 10.0 | 1212851.0 | 1.185465 | Y |
| 8 | IC 410-695447/10 | 25.0 | 32.144713 | 10.0 | 1225987.0 | 1.285789 | Y |
| 9 | IC 410-695447/11 | 50.0 | 61.41995 | 10.0 | 1281454.0 | 1.228399 | Y |



## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

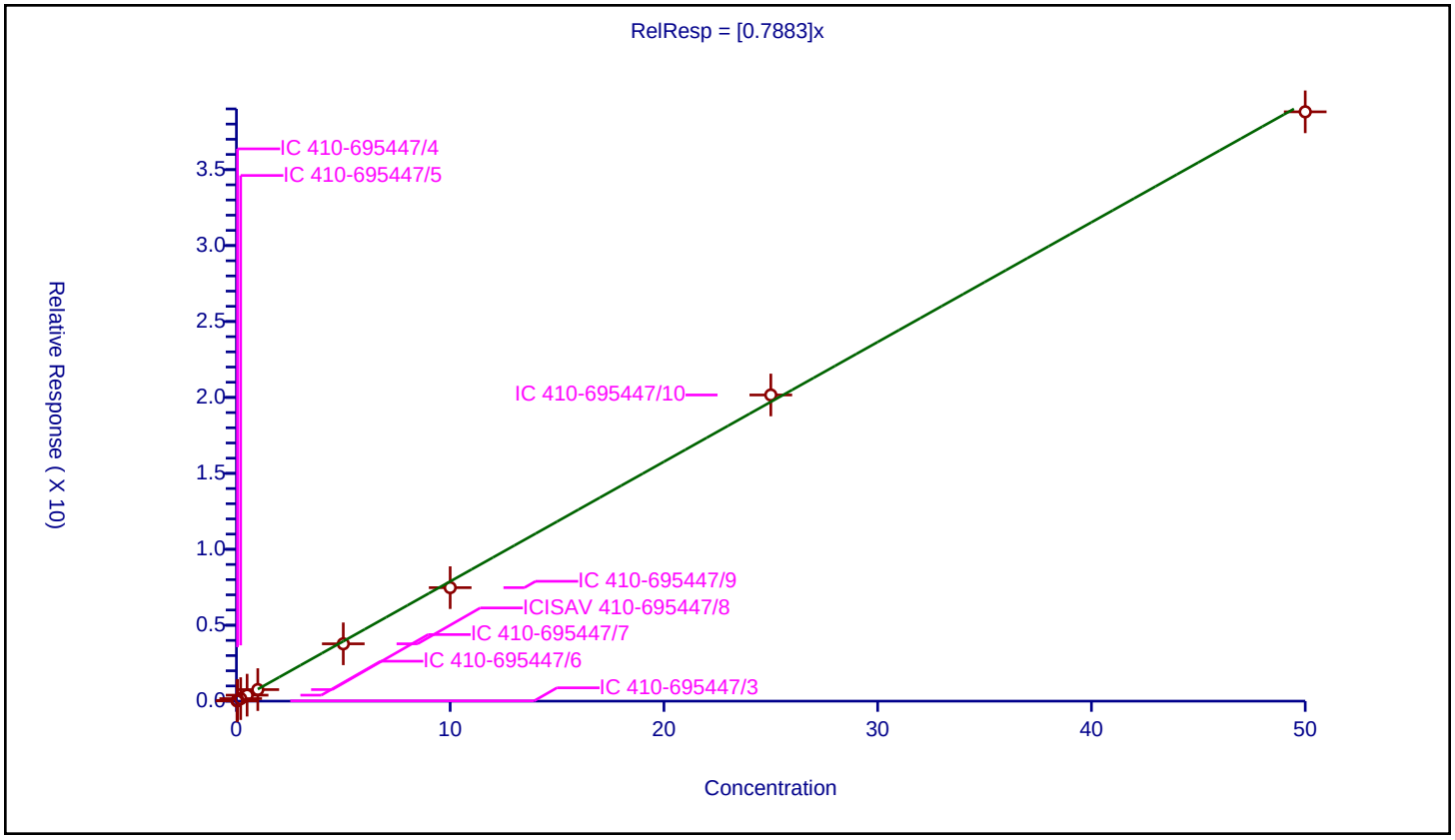
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7883 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018099 | 10.0 | 1185119.0 | 0.723978 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.04567 | 10.0 | 1174502.0 | 0.913408 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.164912 | 10.0 | 1173053.0 | 0.824558 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.39378 | 10.0 | 1173550.0 | 0.787559 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.760298 | 10.0 | 1173211.0 | 0.760298 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.774441 | 10.0 | 1190995.0 | 0.754888 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.474092 | 10.0 | 1212851.0 | 0.747409 | Y |
| 8 | IC 410-695447/10 | 25.0 | 20.16178 | 10.0 | 1225987.0 | 0.806471 | Y |
| 9 | IC 410-695447/11 | 50.0 | 38.807167 | 10.0 | 1281454.0 | 0.776143 | Y |



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## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

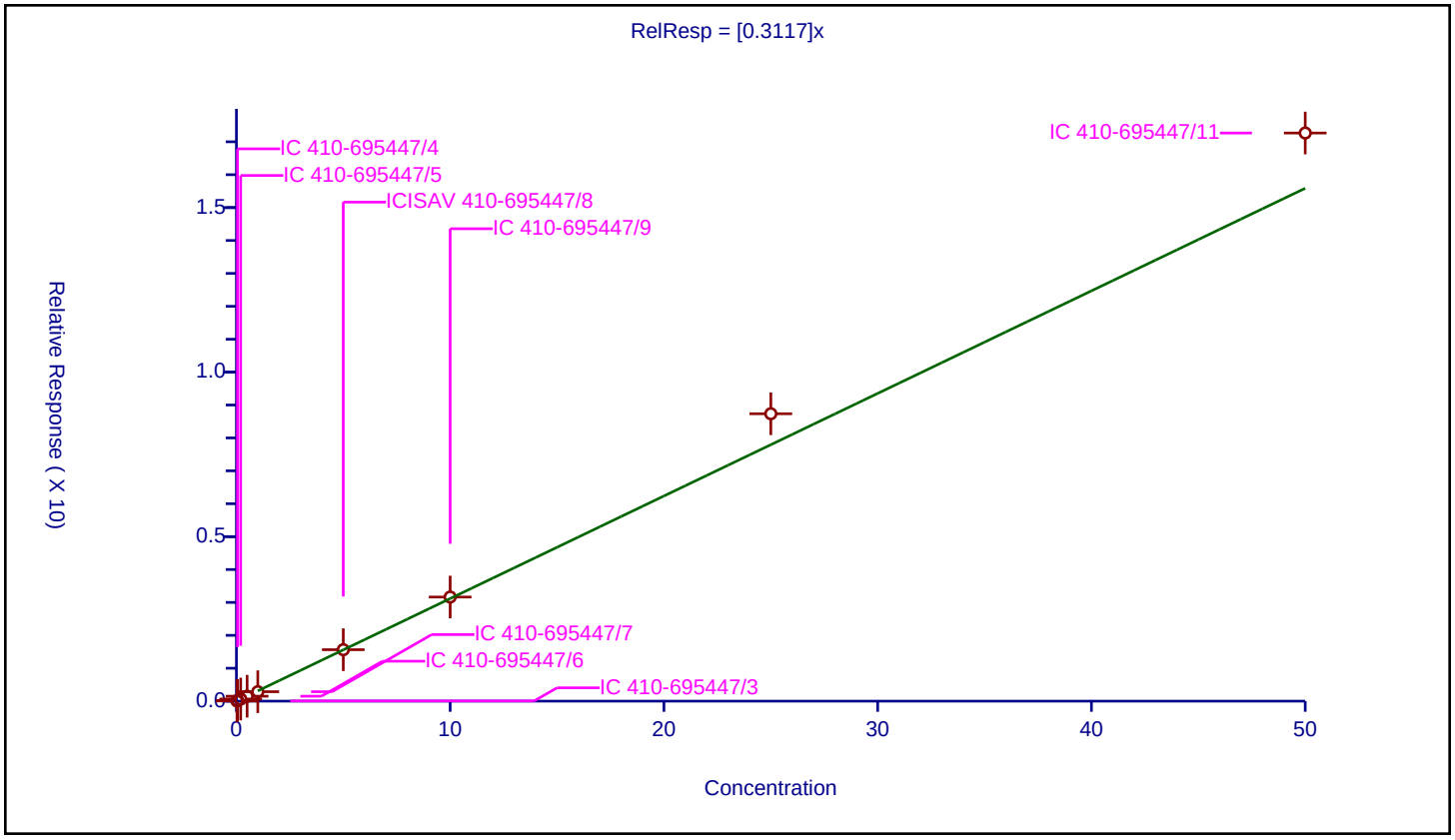
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3117 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.005873 | 10.0 | 1185119.0 | 0.234913 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.017165 | 10.0 | 1174502.0 | 0.343294 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.063356 | 10.0 | 1173053.0 | 0.31678 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.149989 | 10.0 | 1173550.0 | 0.299979 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.286999 | 10.0 | 1173211.0 | 0.286999 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.563113 | 10.0 | 1190995.0 | 0.312623 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.163629 | 10.0 | 1212851.0 | 0.316363 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.734432 | 10.0 | 1225987.0 | 0.349377 | Y |
| 9 | IC 410-695447/11 | 50.0 | 17.266418 | 10.0 | 1281454.0 | 0.345328 | Y |



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## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

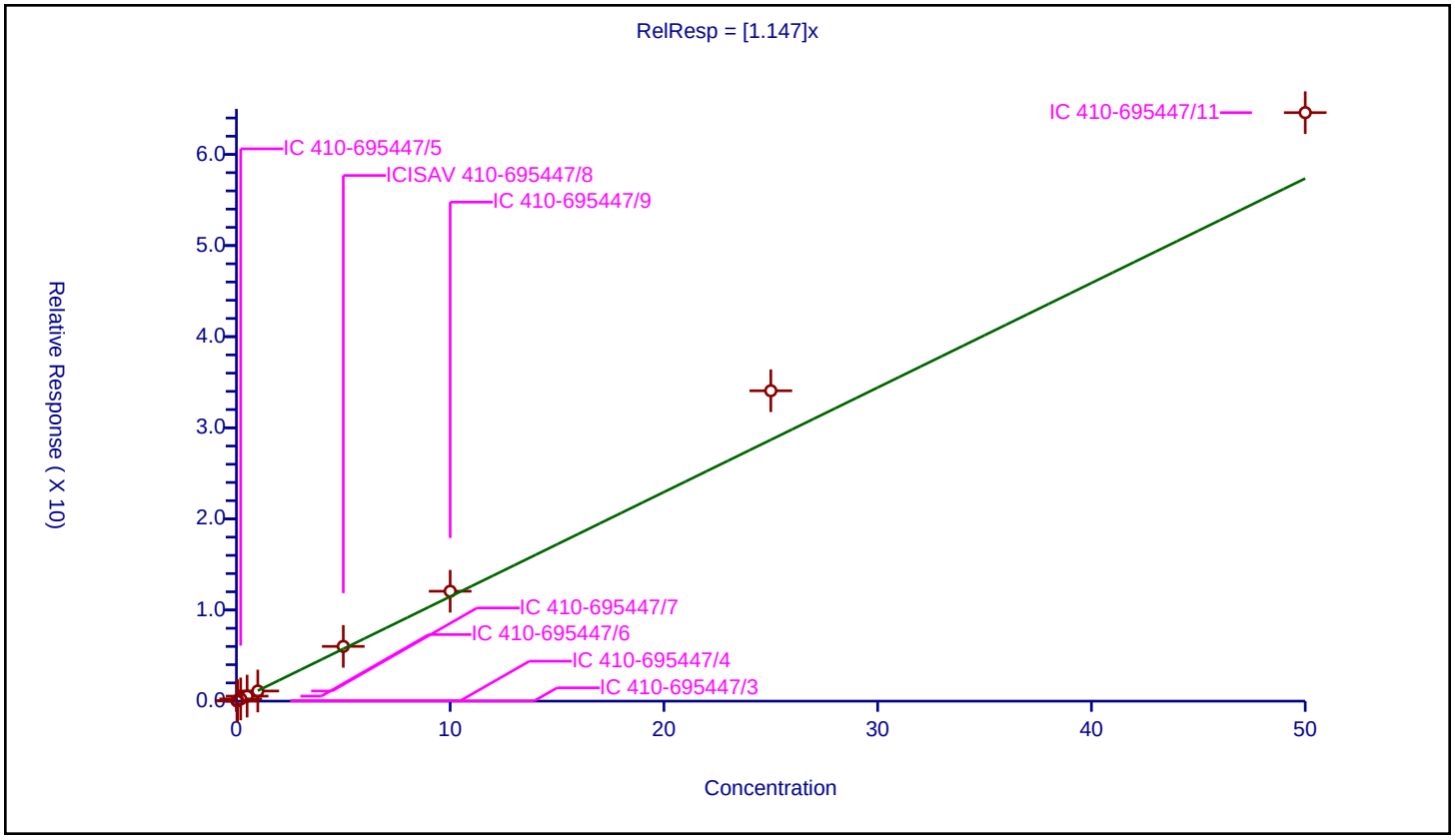
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.021778 | 10.0 | 1185119.0 | 0.871136 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.047825 | 10.0 | 1174502.0 | 0.95649 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.244439 | 10.0 | 1173053.0 | 1.222195 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.551012 | 10.0 | 1173550.0 | 1.102024 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.111045 | 10.0 | 1173211.0 | 1.111045 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.009689 | 10.0 | 1190995.0 | 1.201938 | Y |
| 7 | IC 410-695447/9 | 10.0 | 12.061069 | 10.0 | 1212851.0 | 1.206107 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.064643 | 10.0 | 1225987.0 | 1.362586 | Y |
| 9 | IC 410-695447/11 | 50.0 | 64.587781 | 10.0 | 1281454.0 | 1.291756 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

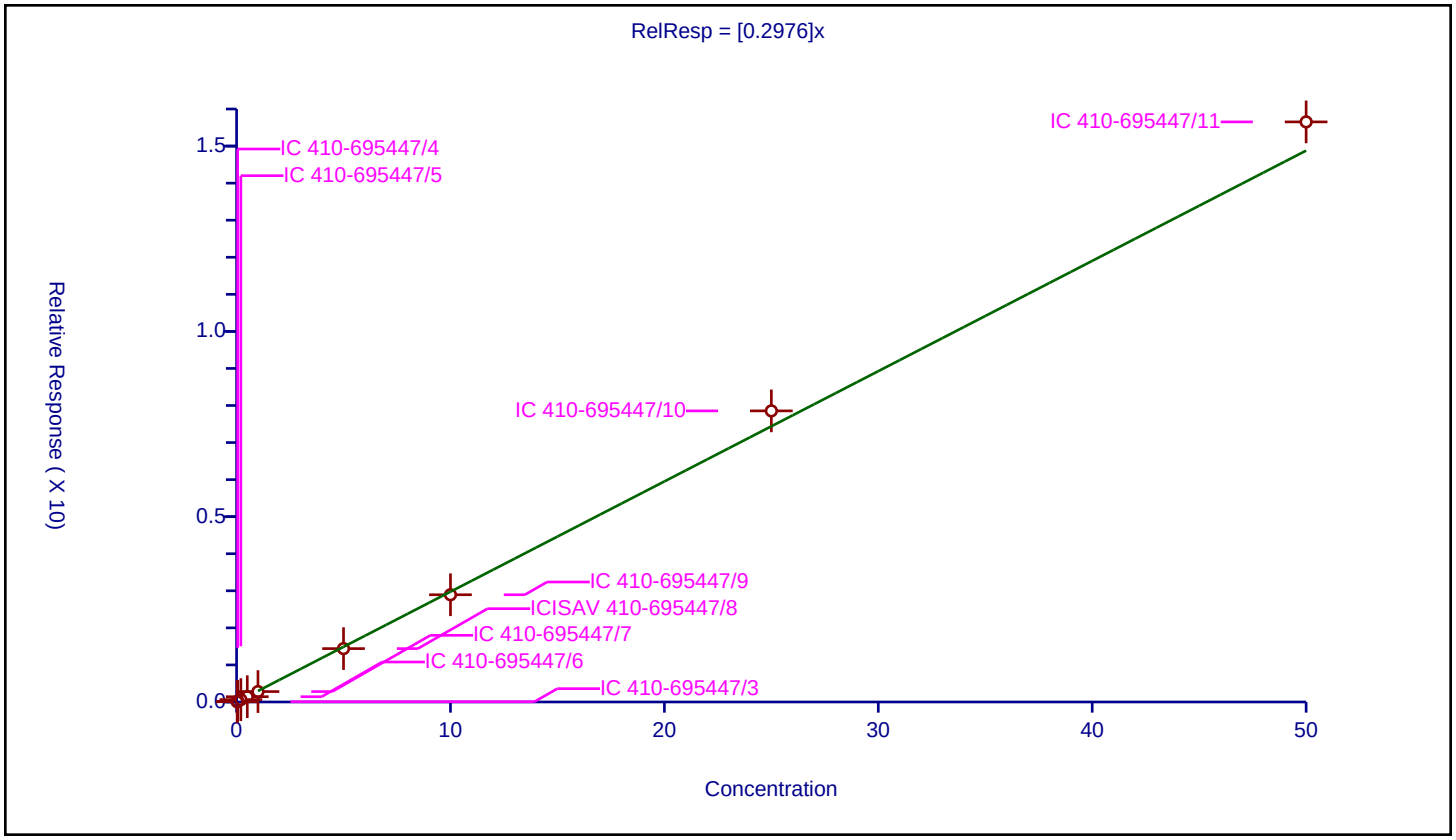
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2976 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.006809 | 10.0 | 1185119.0 | 0.272378 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.015879 | 10.0 | 1174502.0 | 0.317581 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.063706 | 10.0 | 1173053.0 | 0.318528 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.142014 | 10.0 | 1173550.0 | 0.284027 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.280768 | 10.0 | 1173211.0 | 0.280768 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.440359 | 10.0 | 1190995.0 | 0.288072 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.893604 | 10.0 | 1212851.0 | 0.28936 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.854928 | 10.0 | 1225987.0 | 0.314197 | Y |
| 9 | IC 410-695447/11 | 50.0 | 15.652735 | 10.0 | 1281454.0 | 0.313055 | Y |



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## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

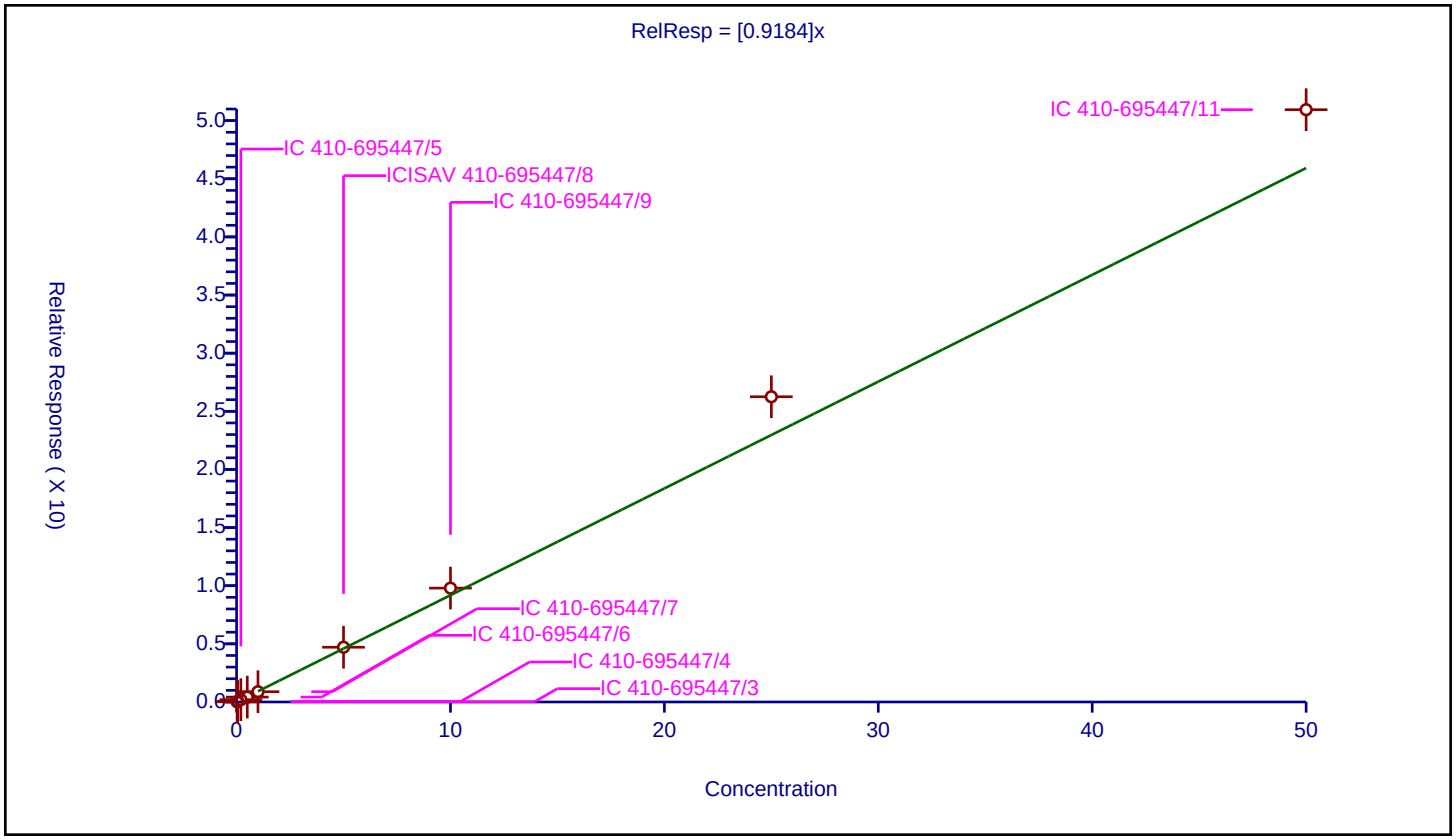
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9184 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.017694 | 10.0 | 1185119.0 | 0.707777 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.042886 | 10.0 | 1174502.0 | 0.857725 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.196811 | 10.0 | 1173053.0 | 0.984056 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.421328 | 10.0 | 1173550.0 | 0.842657 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.883507 | 10.0 | 1173211.0 | 0.883507 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.709172 | 10.0 | 1190995.0 | 0.941834 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.793338 | 10.0 | 1212851.0 | 0.979334 | Y |
| 8 | IC 410-695447/10 | 25.0 | 26.252105 | 10.0 | 1225987.0 | 1.050084 | Y |
| 9 | IC 410-695447/11 | 50.0 | 50.941555 | 10.0 | 1281454.0 | 1.018831 | Y |



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## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

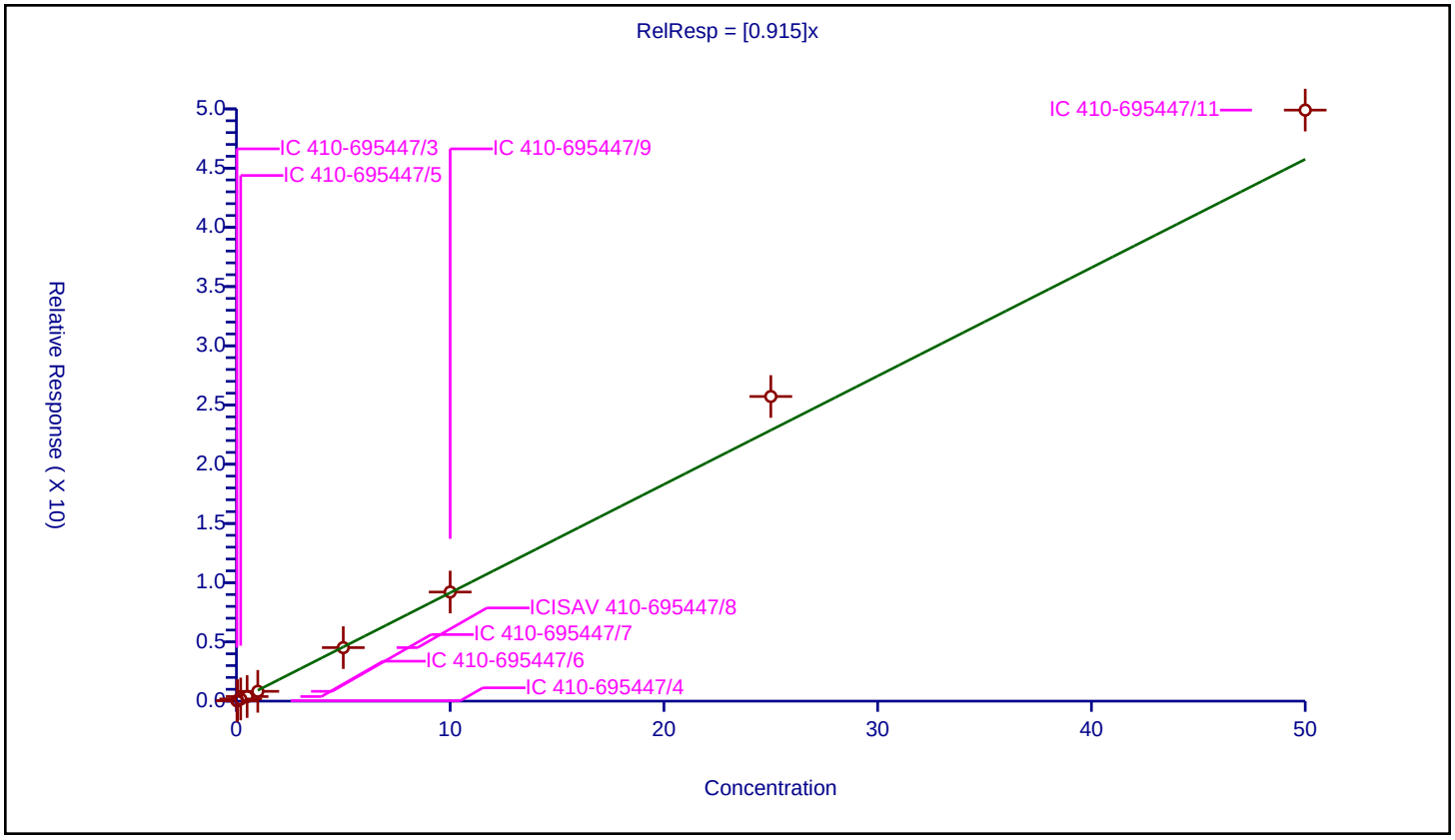
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.027449 | 10.0 | 1185119.0 | 1.097949 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.038127 | 10.0 | 1174502.0 | 0.762536 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.184339 | 10.0 | 1173053.0 | 0.921697 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.38675 | 10.0 | 1173550.0 | 0.773499 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.827558 | 10.0 | 1173211.0 | 0.827558 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.518121 | 10.0 | 1190995.0 | 0.903624 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.211428 | 10.0 | 1212851.0 | 0.921143 | Y |
| 8 | IC 410-695447/10 | 25.0 | 25.720909 | 10.0 | 1225987.0 | 1.028836 | Y |
| 9 | IC 410-695447/11 | 50.0 | 49.898795 | 10.0 | 1281454.0 | 0.997976 | Y |



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## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

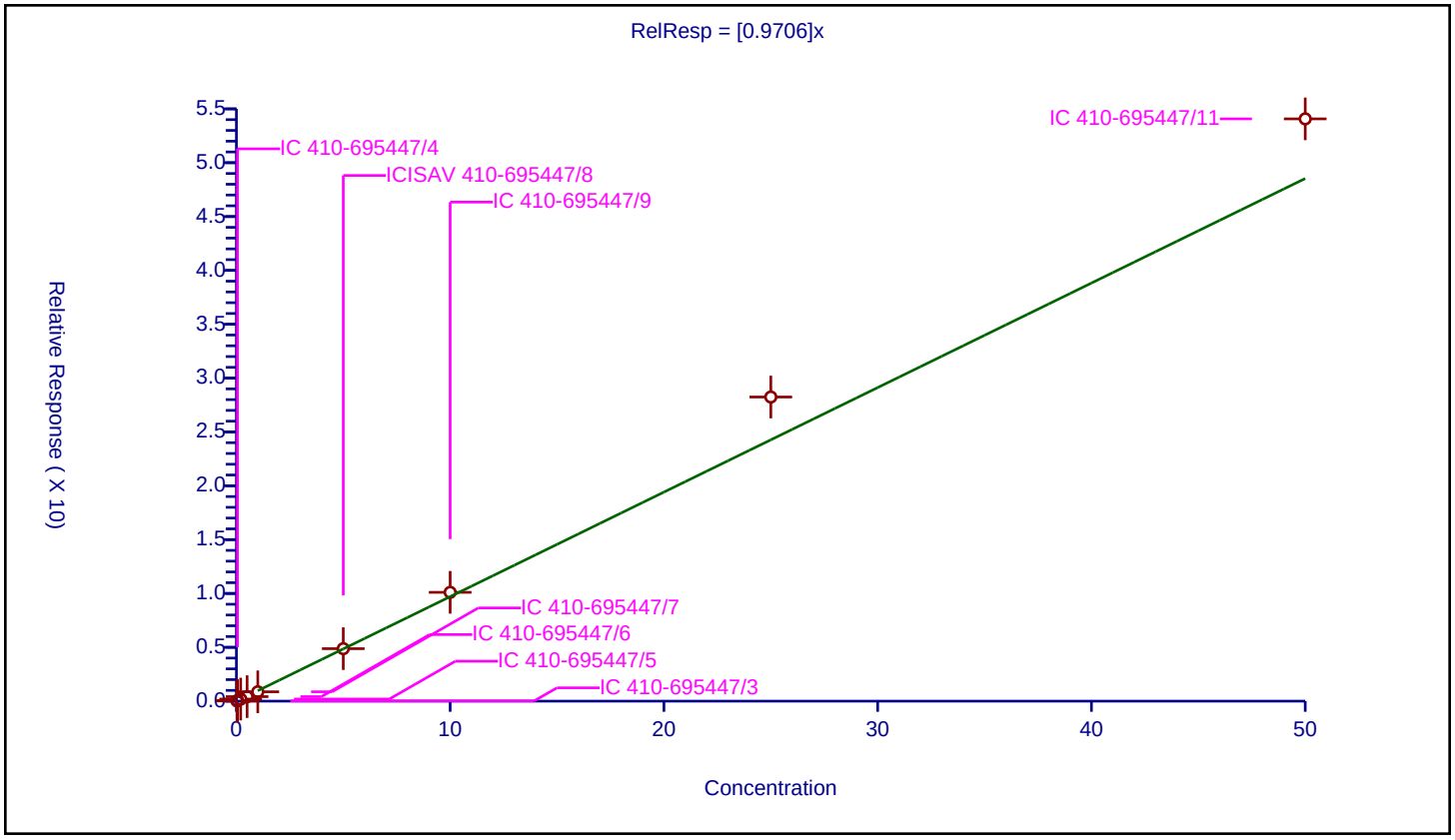
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9706 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.021365 | 10.0 | 1185119.0 | 0.854598 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.050507 | 10.0 | 1174502.0 | 1.01013 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.192677 | 10.0 | 1173053.0 | 0.963384 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.4204 | 10.0 | 1173550.0 | 0.840799 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.8705 | 10.0 | 1173211.0 | 0.8705 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.873404 | 10.0 | 1190995.0 | 0.974681 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.105784 | 10.0 | 1212851.0 | 1.010578 | Y |
| 8 | IC 410-695447/10 | 25.0 | 28.241572 | 10.0 | 1225987.0 | 1.129663 | Y |
| 9 | IC 410-695447/11 | 50.0 | 54.072515 | 10.0 | 1281454.0 | 1.08145 | Y |



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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

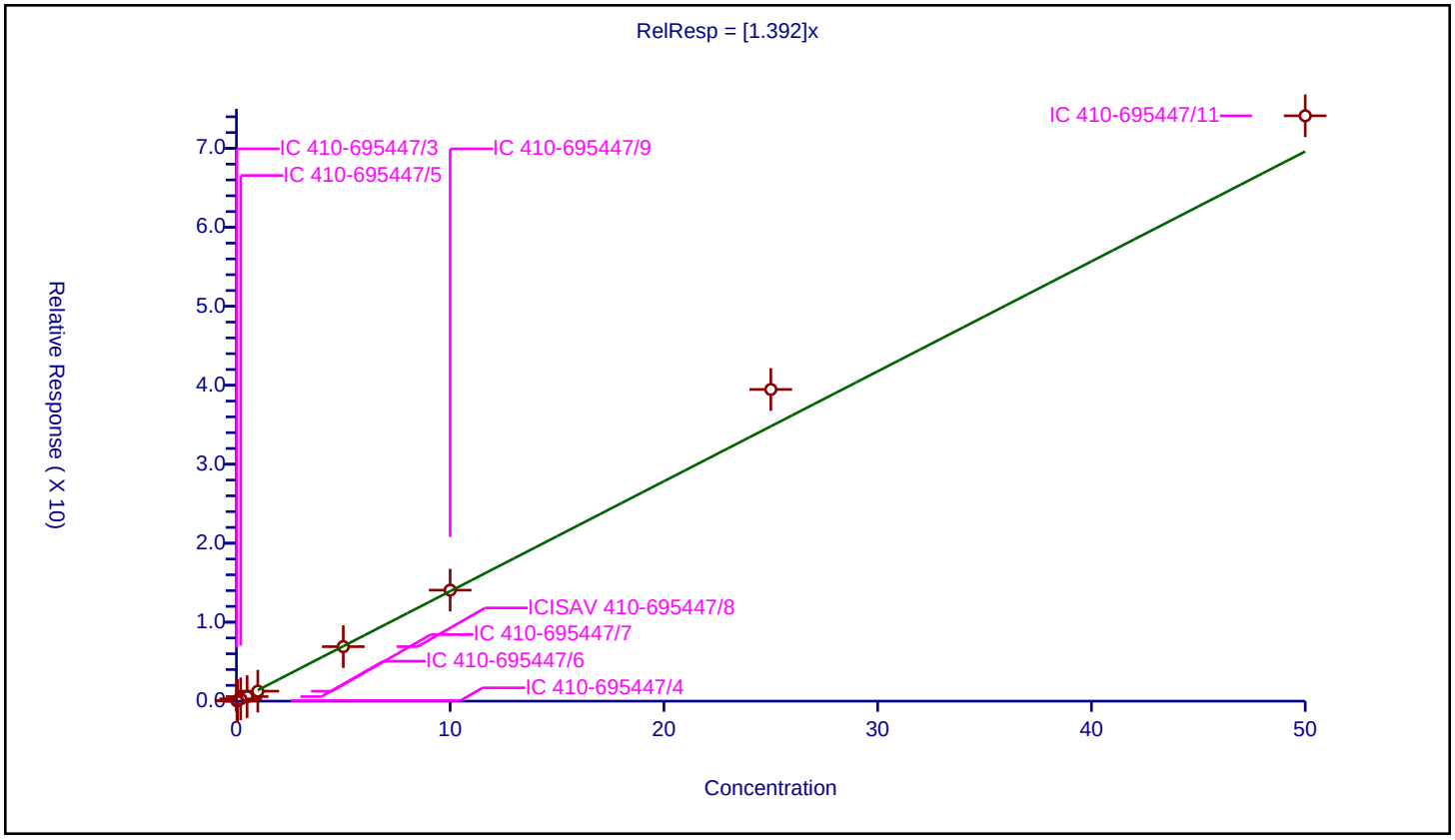
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.392 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.036275 | 10.0 | 1185119.0 | 1.450994 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.068403 | 10.0 | 1174502.0 | 1.368069 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.289603 | 10.0 | 1173053.0 | 1.448016 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.576056 | 10.0 | 1173550.0 | 1.152111 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.263021 | 10.0 | 1173211.0 | 1.263021 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.902103 | 10.0 | 1190995.0 | 1.380421 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.054975 | 10.0 | 1212851.0 | 1.405497 | Y |
| 8 | IC 410-695447/10 | 25.0 | 39.47068 | 10.0 | 1225987.0 | 1.578827 | Y |
| 9 | IC 410-695447/11 | 50.0 | 74.126289 | 10.0 | 1281454.0 | 1.482526 | Y |



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## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

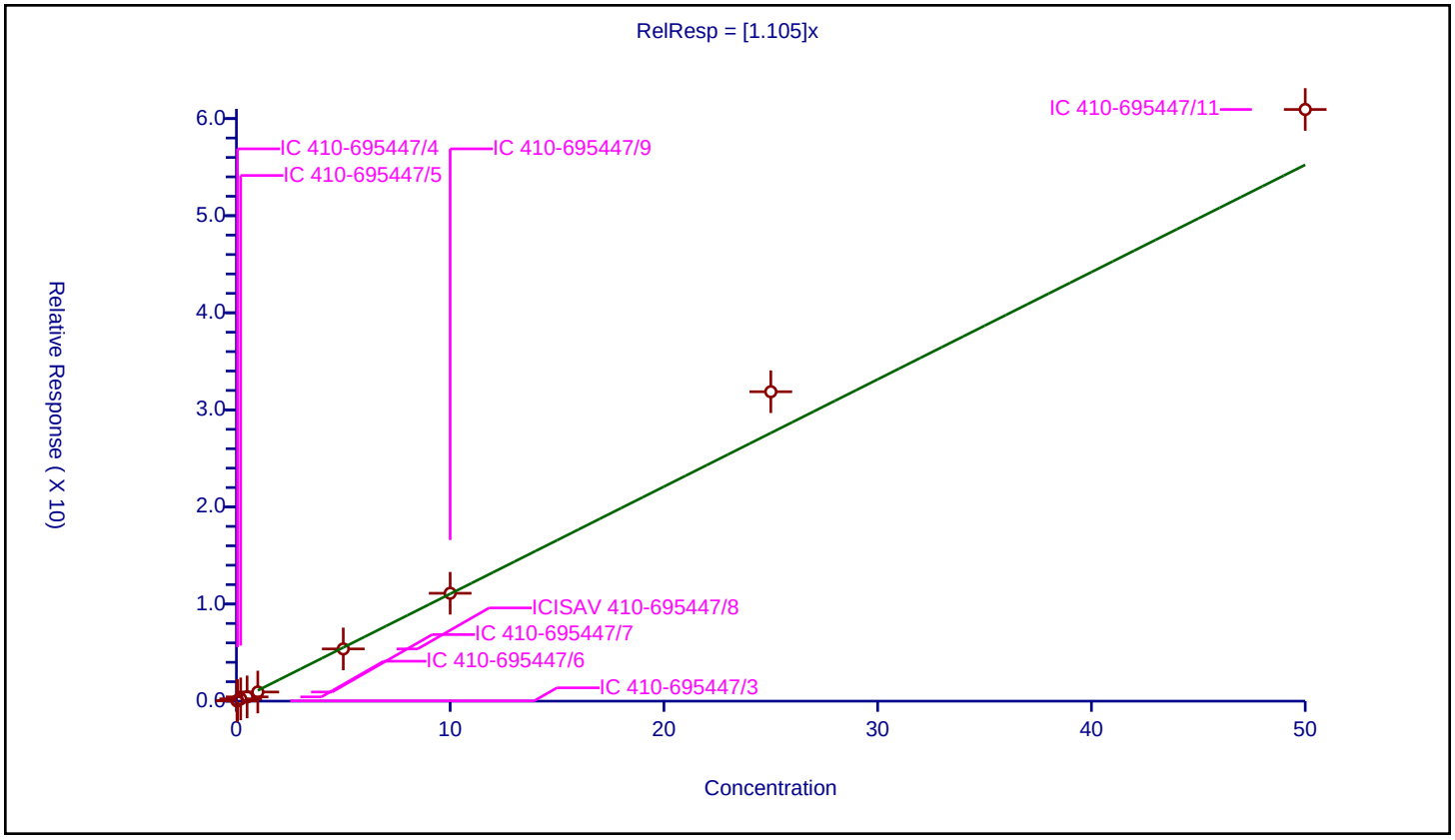
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.105 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.027567 | 10.0 | 1185119.0 | 1.102674 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.058782 | 10.0 | 1174502.0 | 1.175647 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.233809 | 10.0 | 1173053.0 | 1.169044 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.436249 | 10.0 | 1173550.0 | 0.872498 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.942473 | 10.0 | 1173211.0 | 0.942473 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.378805 | 10.0 | 1190995.0 | 1.075761 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.112255 | 10.0 | 1212851.0 | 1.111226 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.868609 | 10.0 | 1225987.0 | 1.274744 | Y |
| 9 | IC 410-695447/11 | 50.0 | 60.939846 | 10.0 | 1281454.0 | 1.218797 | Y |



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## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

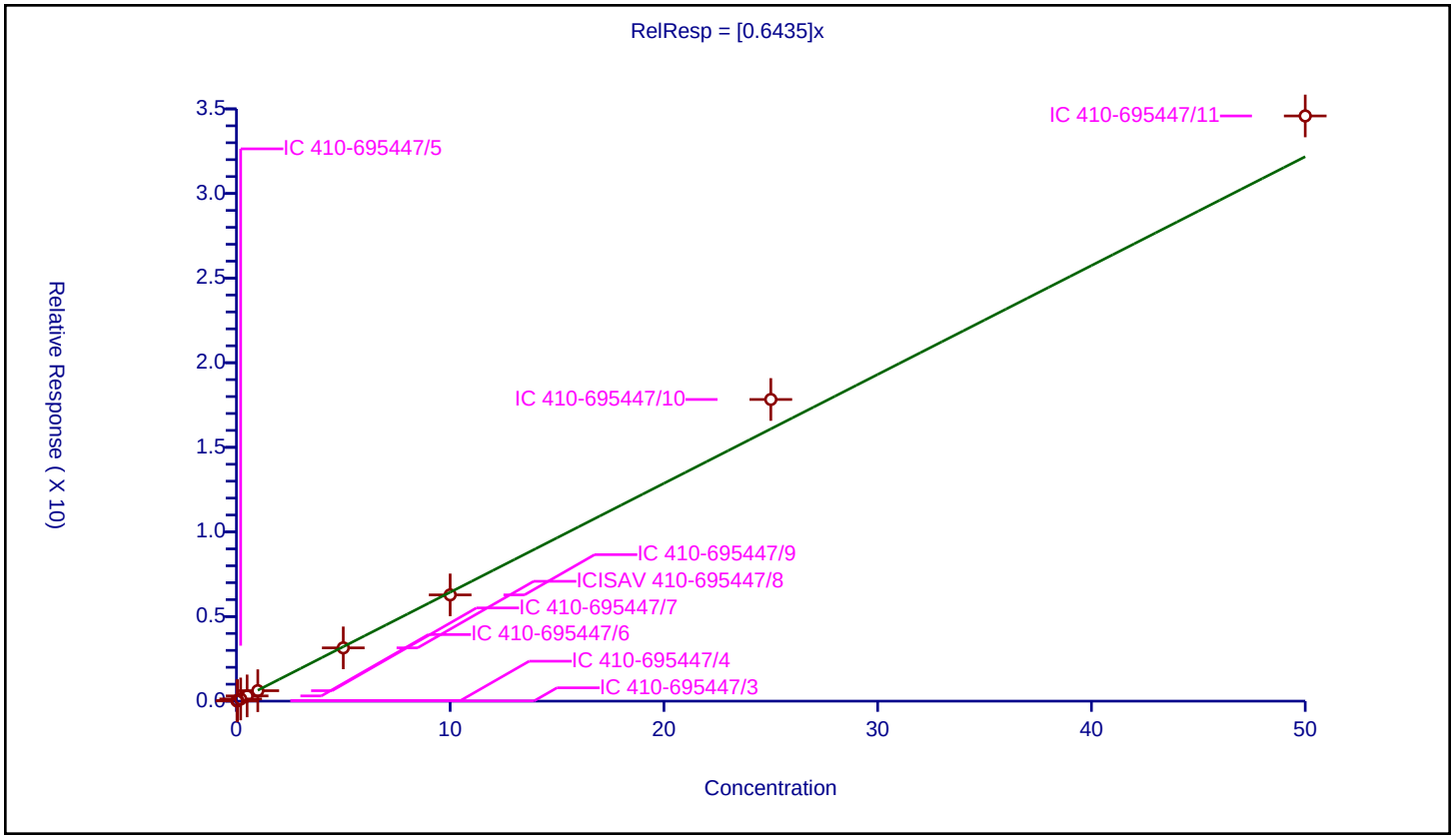
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.01529 | 10.0 | 1185119.0 | 0.611584 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.031375 | 10.0 | 1174502.0 | 0.6275 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.130574 | 10.0 | 1173053.0 | 0.652869 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.309863 | 10.0 | 1173550.0 | 0.619726 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.617476 | 10.0 | 1173211.0 | 0.617476 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.149241 | 10.0 | 1190995.0 | 0.629848 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.279799 | 10.0 | 1212851.0 | 0.62798 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.82766 | 10.0 | 1225987.0 | 0.713106 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.582872 | 10.0 | 1281454.0 | 0.691657 | Y |



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## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

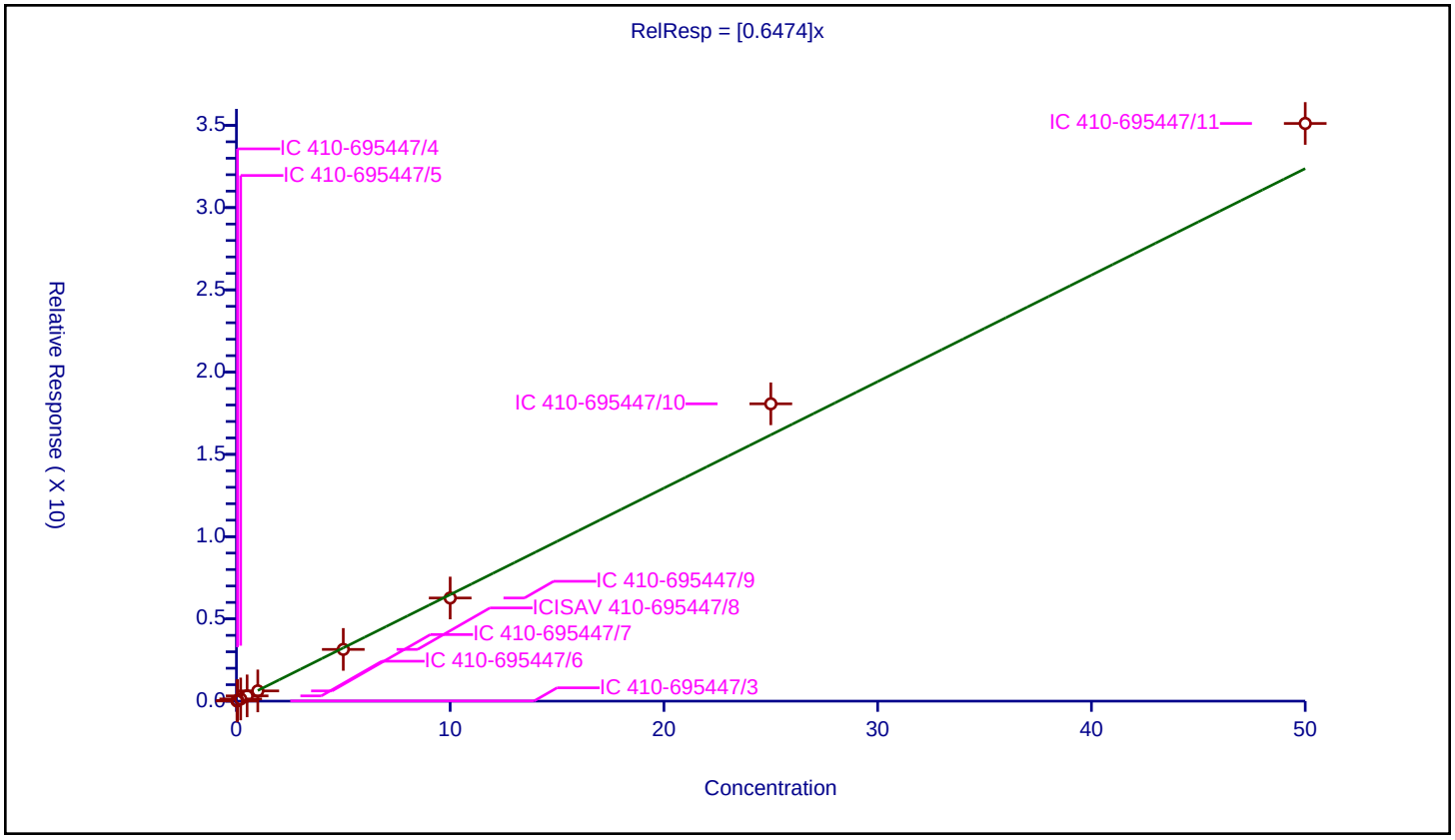
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012328 | 10.0 | 1185119.0 | 0.493115 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.036066 | 10.0 | 1174502.0 | 0.721327 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.133958 | 10.0 | 1173053.0 | 0.669791 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.319799 | 10.0 | 1173550.0 | 0.639598 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.621678 | 10.0 | 1173211.0 | 0.621678 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.145546 | 10.0 | 1190995.0 | 0.629109 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.269995 | 10.0 | 1212851.0 | 0.627 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.073414 | 10.0 | 1225987.0 | 0.722937 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.11469 | 10.0 | 1281454.0 | 0.702294 | Y |



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## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

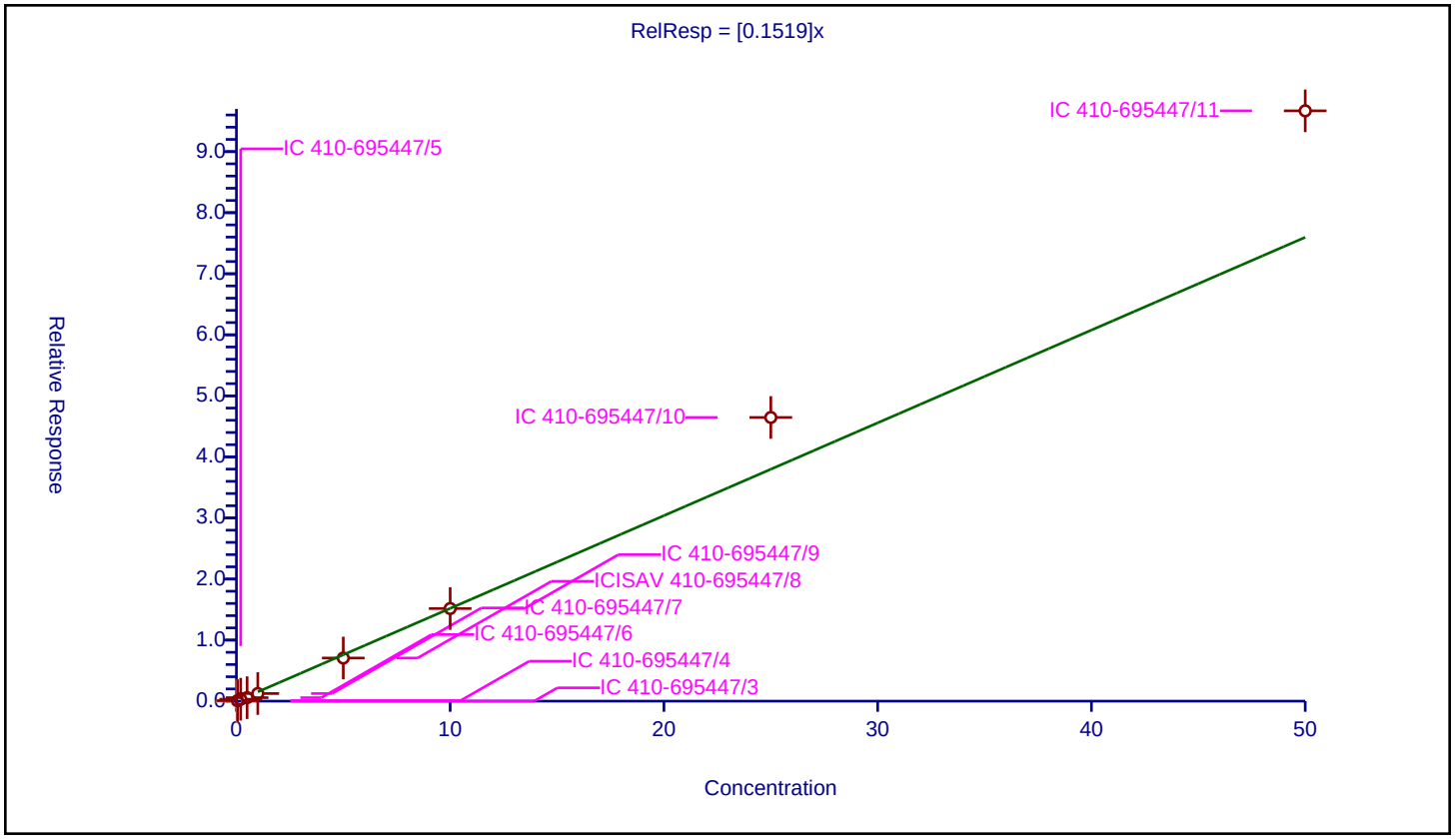
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1519 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1185119.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.00745 | 10.0 | 1174502.0 | 0.148999 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.031243 | 10.0 | 1173053.0 | 0.156216 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.056819 | 10.0 | 1173550.0 | 0.113638 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.124487 | 10.0 | 1173211.0 | 0.124487 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 0.705998 | 10.0 | 1190995.0 | 0.1412 | Y |
| 7 | IC 410-695447/9 | 10.0 | 1.516847 | 10.0 | 1212851.0 | 0.151685 | Y |
| 8 | IC 410-695447/10 | 25.0 | 4.646085 | 10.0 | 1225987.0 | 0.185843 | Y |
| 9 | IC 410-695447/11 | 50.0 | 9.668213 | 10.0 | 1281454.0 | 0.193364 | Y |



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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

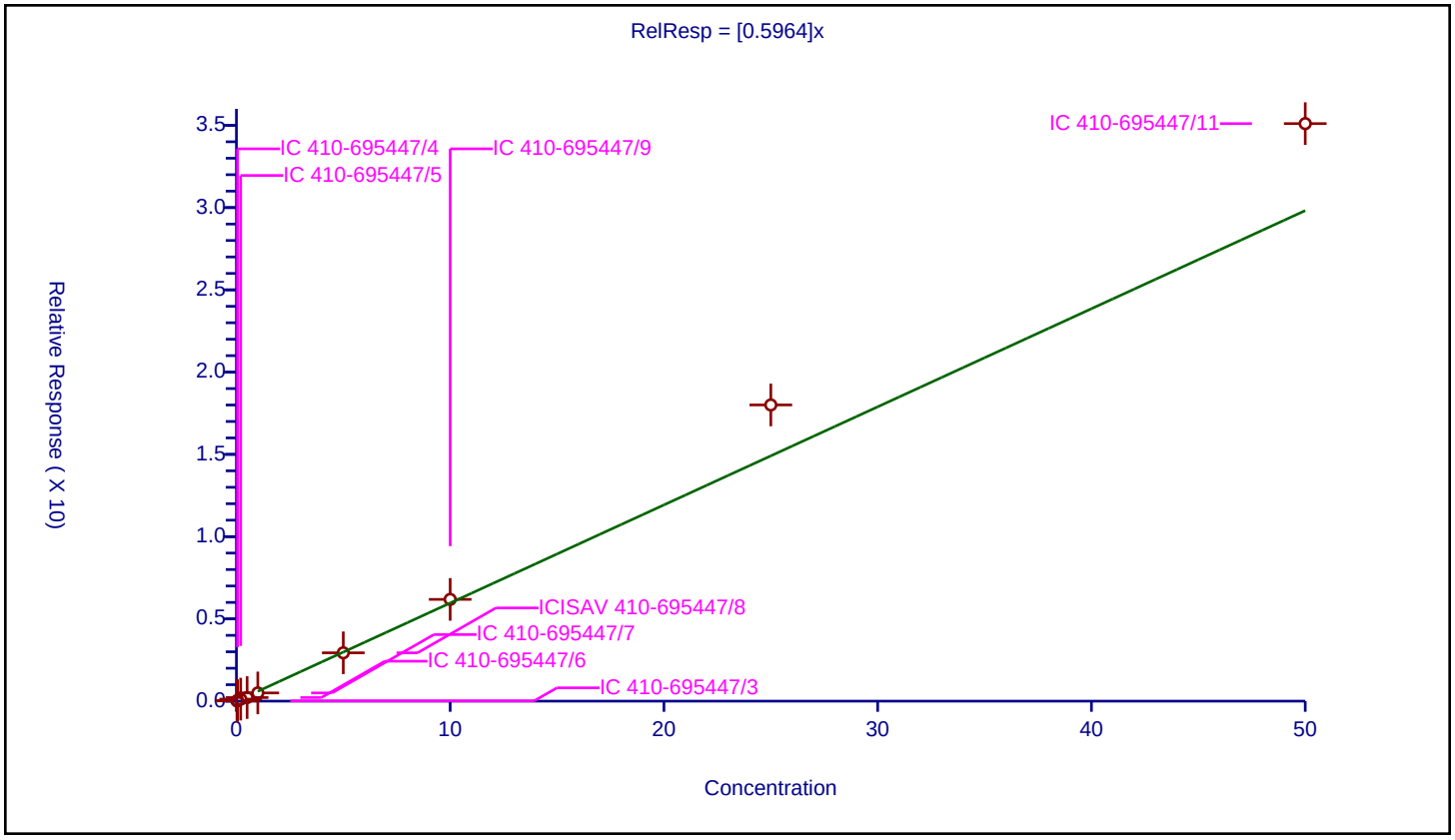
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5964 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014589 | 10.0 | 1185119.0 | 0.58357 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.030353 | 10.0 | 1174502.0 | 0.607066 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.122978 | 10.0 | 1173053.0 | 0.614891 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.217145 | 10.0 | 1173550.0 | 0.434289 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.498879 | 10.0 | 1173211.0 | 0.498879 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.938123 | 10.0 | 1190995.0 | 0.587625 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.185657 | 10.0 | 1212851.0 | 0.618566 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.005134 | 10.0 | 1225987.0 | 0.720205 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.104889 | 10.0 | 1281454.0 | 0.702098 | Y |



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## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

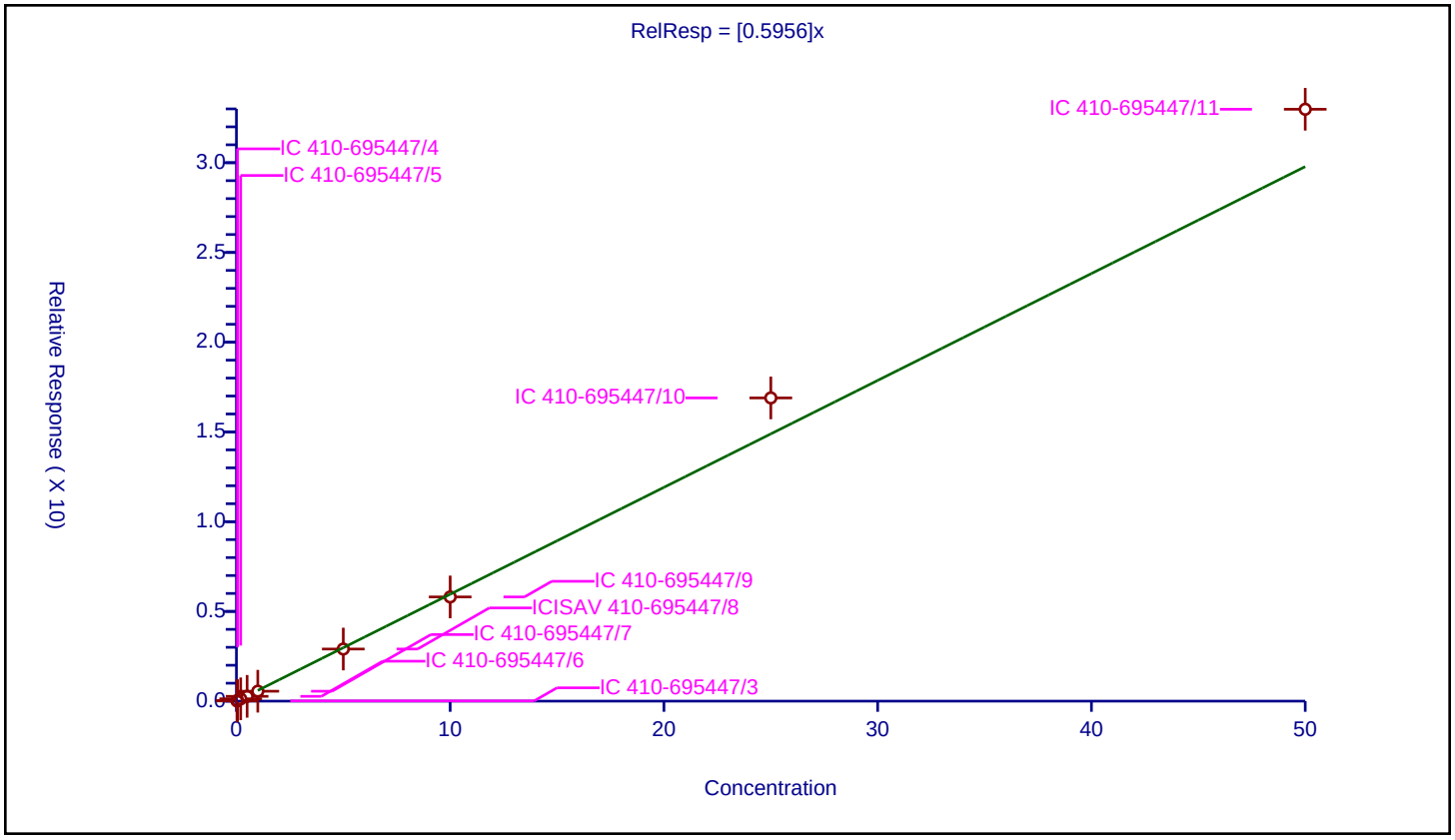
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5956 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013121 | 10.0 | 1185119.0 | 0.524842 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.030234 | 10.0 | 1174502.0 | 0.604682 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.129397 | 10.0 | 1173053.0 | 0.646987 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.267513 | 10.0 | 1173550.0 | 0.535026 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.552663 | 10.0 | 1173211.0 | 0.552663 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.903262 | 10.0 | 1190995.0 | 0.580652 | Y |
| 7 | IC 410-695447/9 | 10.0 | 5.805734 | 10.0 | 1212851.0 | 0.580573 | Y |
| 8 | IC 410-695447/10 | 25.0 | 16.895359 | 10.0 | 1225987.0 | 0.675814 | Y |
| 9 | IC 410-695447/11 | 50.0 | 32.979756 | 10.0 | 1281454.0 | 0.659595 | Y |



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## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

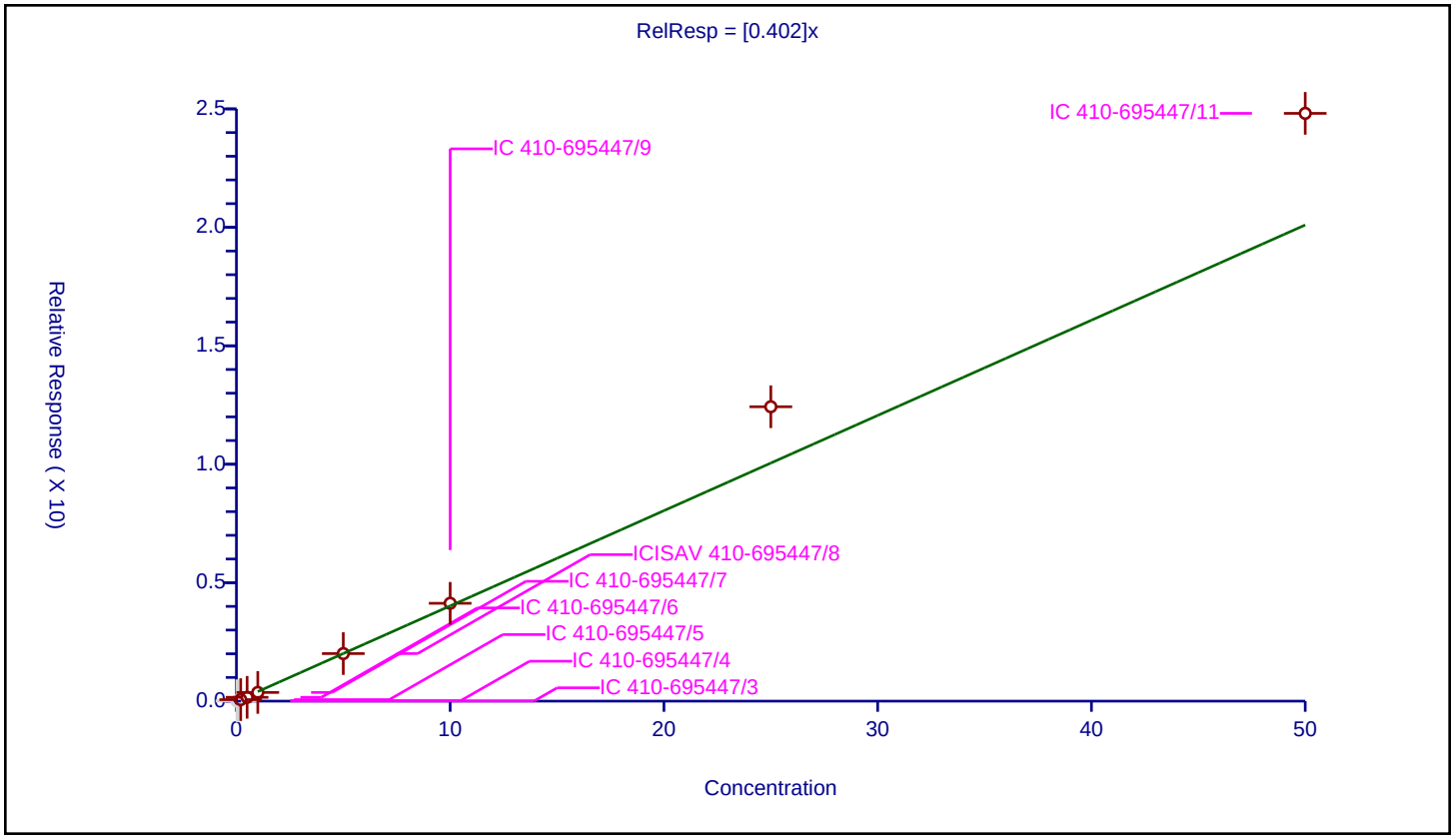
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.402 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.005704 | 10.0 | 1185119.0 | 0.228163 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.011349 | 10.0 | 1174502.0 | 0.22699 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.063049 | 10.0 | 1173053.0 | 0.315246 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.161868 | 10.0 | 1173550.0 | 0.323736 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.367087 | 10.0 | 1173211.0 | 0.367087 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.00754 | 10.0 | 1190995.0 | 0.401508 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.130277 | 10.0 | 1212851.0 | 0.413028 | Y |
| 8 | IC 410-695447/10 | 25.0 | 12.42744 | 10.0 | 1225987.0 | 0.497098 | Y |
| 9 | IC 410-695447/11 | 50.0 | 24.811292 | 10.0 | 1281454.0 | 0.496226 | Y |



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## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

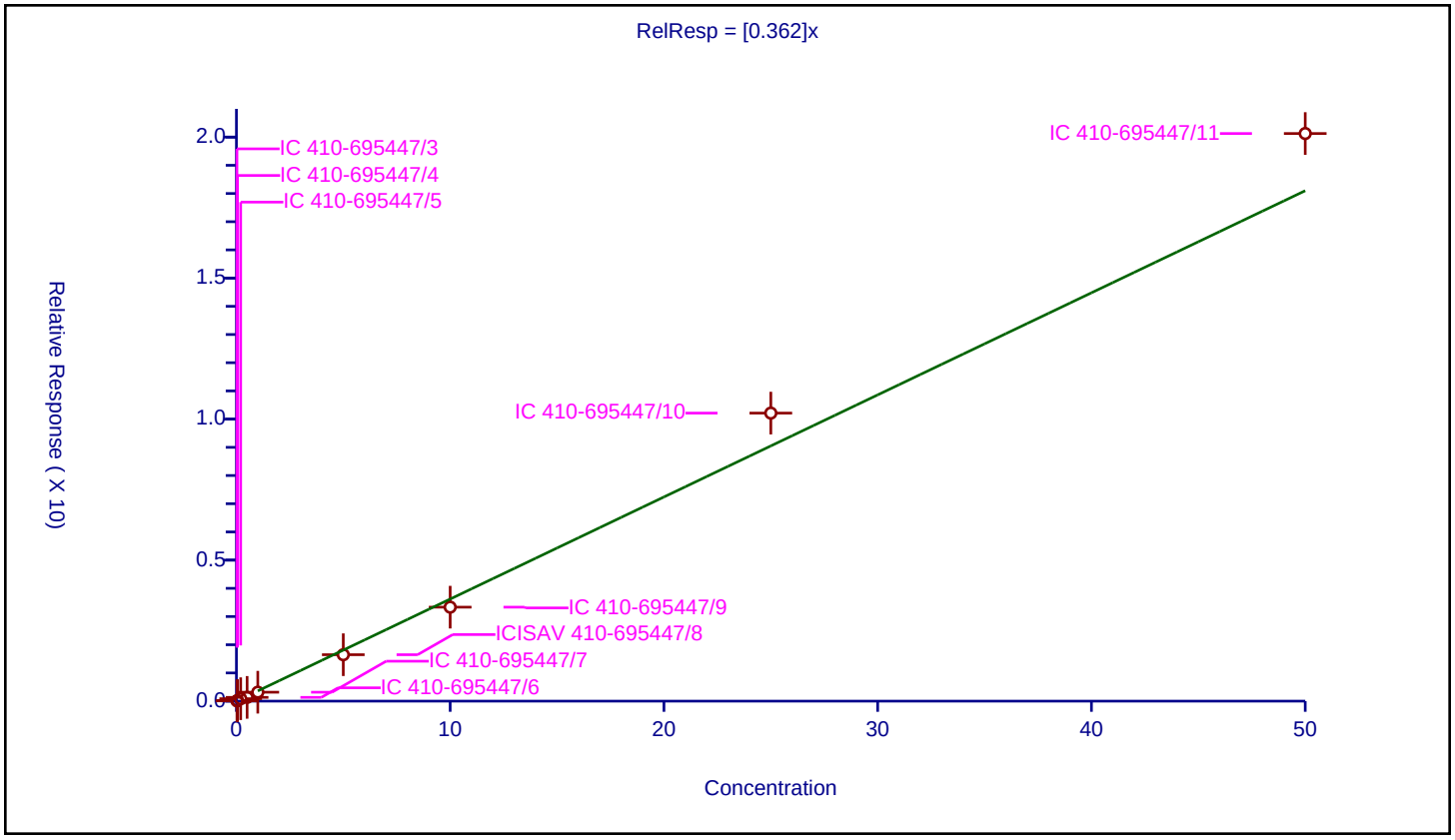
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.009451 | 10.0 | 1185119.0 | 0.378021 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.019523 | 10.0 | 1174502.0 | 0.390463 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.086211 | 10.0 | 1173053.0 | 0.431055 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.133705 | 10.0 | 1173550.0 | 0.267411 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.31724 | 10.0 | 1173211.0 | 0.31724 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.646313 | 10.0 | 1190995.0 | 0.329263 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.332 | 10.0 | 1212851.0 | 0.3332 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.213453 | 10.0 | 1225987.0 | 0.408538 | Y |
| 9 | IC 410-695447/11 | 50.0 | 20.126497 | 10.0 | 1281454.0 | 0.40253 | Y |



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## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

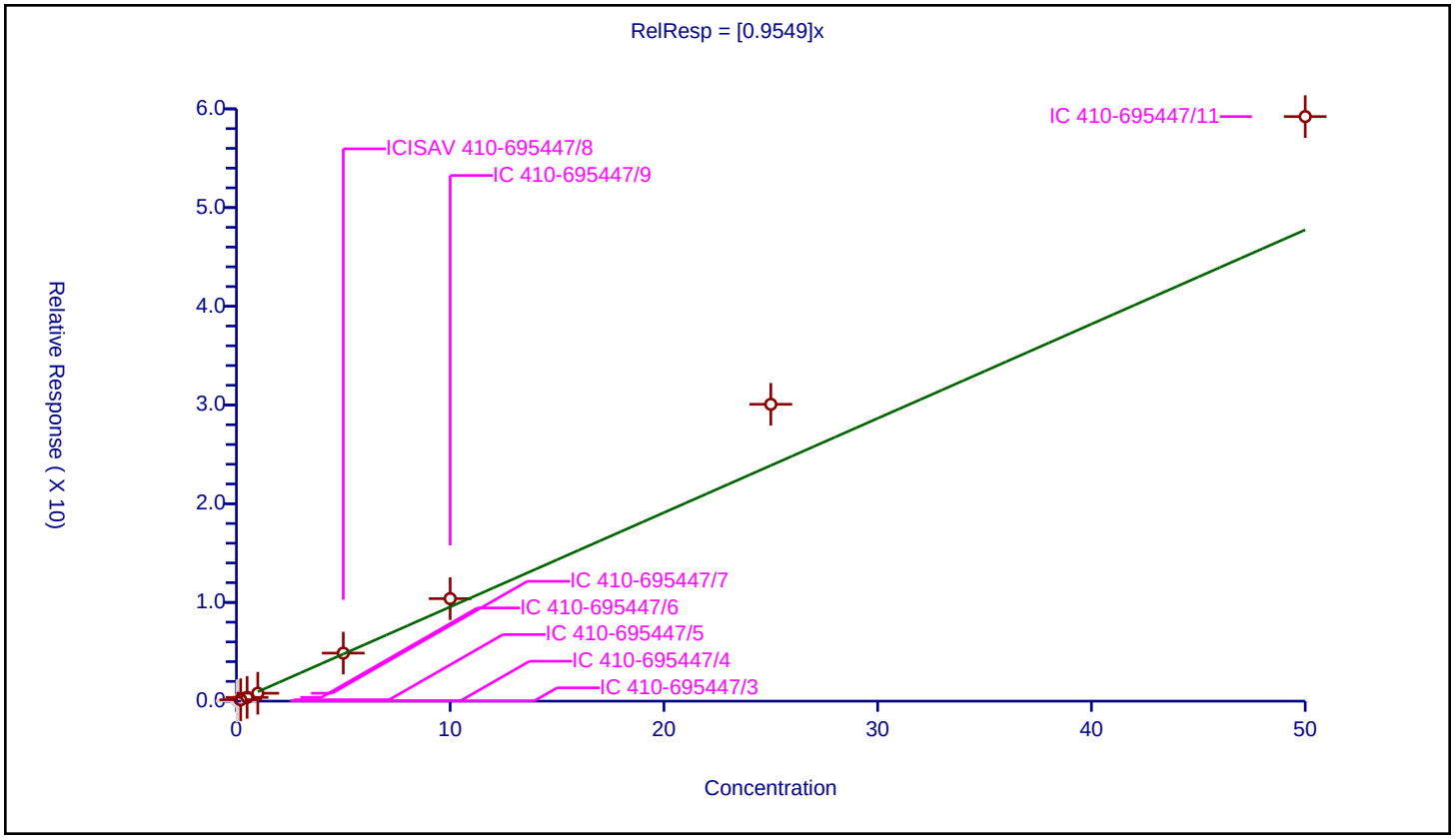
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9549 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.017948 | 10.0 | 1185119.0 | 0.717903 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.027825 | 10.0 | 1174502.0 | 0.556491 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.144768 | 10.0 | 1173053.0 | 0.723838 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.380734 | 10.0 | 1173550.0 | 0.761467 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.800018 | 10.0 | 1173211.0 | 0.800018 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.866956 | 10.0 | 1190995.0 | 0.973391 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.384994 | 10.0 | 1212851.0 | 1.038499 | Y |
| 8 | IC 410-695447/10 | 25.0 | 30.072211 | 10.0 | 1225987.0 | 1.202888 | Y |
| 9 | IC 410-695447/11 | 50.0 | 59.220097 | 10.0 | 1281454.0 | 1.184402 | Y |



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FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Lab Sample ID: CCVIS 410-700672/3  Calibration Date: 09/17/2025 20:59

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S17X07.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 2.285 | 2.405 | | 5.26 | 5.00 | 5.3 | 30.0 |
| Chlorodifluoromethane | Ave | 1.293 | 1.505 | | 5.82 | 5.00 | 16.4 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 2.032 | 2.365 | | 5.82 | 5.00 | 16.4 | 30.0 |
| Chloromethane | Ave | 0.8181 | 0.8965 | | 5.48 | 5.00 | 9.6 | 30.0 |
| n-Butane | Ave | 1.535 | 1.327 | | 4.32 | 5.00 | -13.6 | 30.0 |
| Vinyl chloride | Ave | 0.8328 | 0.9389 | | 5.64 | 5.00 | 12.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.6457 | 0.7055 | | 5.46 | 5.00 | 9.3 | 30.0 |
| Bromomethane | Ave | 0.6204 | 0.6564 | | 5.29 | 5.00 | 5.8 | 30.0 |
| Chloroethane | Ave | 0.5030 | 0.5073 | | 5.04 | 5.00 | 0.8 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 0.8069 | 0.7832 | | 4.85 | 5.00 | -2.9 | 30.0 |
| Trichlorofluoromethane | Ave | 2.081 | 2.269 | | 5.45 | 5.00 | 9.0 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.408 | 1.380 | | 4.90 | 5.00 | -2.0 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 1.038 | 1.078 | | 5.19 | 5.00 | 3.9 | 30.0 |
| Acetone | Ave | 1.486 | 1.521 | | 5.12 | 5.00 | 2.4 | 30.0 |
| Isopropyl alcohol | Ave | 1.100 | 1.142 | | 5.19 | 5.00 | 3.8 | 30.0 |
| Carbon disulfide | Ave | 2.979 | 2.827 | | 4.75 | 5.00 | -5.1 | 30.0 |
| 3-Chloropropene | Ave | 1.371 | 1.214 | | 4.43 | 5.00 | -11.5 | 30.0 |
| Methylene Chloride | Ave | 0.7881 | 0.7349 | | 4.66 | 5.00 | -6.8 | 30.0 |
| tert-Butyl alcohol | Ave | 0.9122 | 1.087 | | 6.79 | 5.70 | 19.1 | 30.0 |
| Methyl tert-butyl ether | Ave | 2.156 | 2.305 | | 5.35 | 5.00 | 6.9 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.497 | 1.503 | | 5.02 | 5.00 | 0.4 | 30.0 |
| n-Hexane | Ave | 0.7723 | 0.7378 | | 4.78 | 5.00 | -4.5 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.825 | 1.764 | | 4.83 | 5.00 | -3.4 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.4225 | 0.4474 | | 5.30 | 5.00 | 5.9 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.699 | 1.646 | | 4.84 | 5.00 | -3.1 | 30.0 |
| Tetrahydrofuran | Ave | 1.223 | 1.171 | | 4.79 | 5.00 | -4.2 | 30.0 |
| Chloroform | Ave | 2.046 | 1.981 | | 4.84 | 5.00 | -3.2 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.805 | 1.844 | | 5.11 | 5.00 | 2.1 | 30.0 |
| Cyclohexane | Ave | 1.427 | 1.419 | | 4.97 | 5.00 | -0.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.671 | 1.802 | | 5.39 | 5.00 | 7.9 | 30.0 |
| Benzene | Ave | 0.8084 | 0.7514 | | 4.65 | 5.00 | -7.0 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3728 | 0.3645 | | 4.89 | 5.00 | -2.2 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.237 | 1.239 | | 5.01 | 5.00 | 0.2 | 30.0 |
| n-Heptane | Ave | 0.2445 | 0.2418 | | 4.94 | 5.00 | -1.1 | 30.0 |
| Trichloroethene | Ave | 0.3218 | 0.2871 | | 4.46 | 5.00 | -10.8 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3365 | 0.3158 | | 4.69 | 5.00 | -6.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2554 | 0.2556 | | 5.00 | 5.00 | 0.0 | 30.0 |
| 1,4-Dioxane | Ave | 0.1093 | 0.1207 | | 5.52 | 5.00 | 10.4 | 30.0 |
| Bromodichloromethane | Ave | 0.5892 | 0.5475 | | 4.65 | 5.00 | -7.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Lab Sample ID: CCVIS 410-700672/3  Calibration Date: 09/17/2025 20:59

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S17X07.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | Ave | 0.4734 | 0.4353 | | 4.60 | 5.00 | -8.0 | 30.0 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.6227 | 0.6187 | | 4.97 | 5.00 | -0.6 | 30.0 |
| Toluene | Ave | 1.030 | 0.9773 | | 4.75 | 5.00 | -5.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4129 | 0.4014 | | 4.86 | 5.00 | -2.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3457 | 0.3355 | | 4.85 | 5.00 | -3.0 | 30.0 |
| Tetrachloroethene | Ave | 0.4436 | 0.3870 | | 4.36 | 5.00 | -12.8 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.6271 | 0.6467 | | 5.16 | 5.00 | 3.1 | 30.0 |
| Dibromochloromethane | Ave | 0.4442 | 0.4156 | | 4.68 | 5.00 | -6.5 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5186 | 0.4963 | | 4.78 | 5.00 | -4.3 | 30.0 |
| Chlorobenzene | Ave | 0.7797 | 0.7041 | | 4.52 | 5.00 | -9.7 | 30.0 |
| Ethylbenzene | Ave | 1.243 | 1.174 | | 4.72 | 5.00 | -5.6 | 30.0 |
| m,p-Xylene | Ave | 0.9225 | 0.8262 | | 8.96 | 10.0 | -10.4 | 30.0 |
| o-Xylene | Ave | 0.9170 | 0.8906 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Styrene | Ave | 0.6662 | 0.6316 | | 4.74 | 5.00 | -5.2 | 30.0 |
| Bromoform | Ave | 0.4811 | 0.4381 | | 4.55 | 5.00 | -8.9 | 30.0 |
| Cumene | Ave | 1.148 | 1.123 | | 4.89 | 5.00 | -2.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7883 | 0.7108 | | 4.51 | 5.00 | -9.8 | 30.0 |
| n-Propylbenzene | Ave | 0.3117 | 0.3007 | | 4.82 | 5.00 | -3.5 | 30.0 |
| 4-Ethyltoluene | Ave | 1.147 | 1.039 | | 4.53 | 5.00 | -9.4 | 30.0 |
| 2-Chlorotoluene | Ave | 0.2976 | 0.2828 | | 4.75 | 5.00 | -5.0 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9184 | 0.8556 | | 4.66 | 5.00 | -6.8 | 30.0 |
| tert-Butylbenzene | Ave | 0.9150 | 0.9418 | | 5.15 | 5.00 | 2.9 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9706 | 0.9377 | | 4.83 | 5.00 | -3.4 | 30.0 |
| sec-Butylbenzene | Ave | 1.392 | 1.308 | | 4.70 | 5.00 | -6.1 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.105 | 1.014 | | 4.59 | 5.00 | -8.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6435 | 0.6004 | | 4.66 | 5.00 | -6.7 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.6474 | 0.5991 | | 4.63 | 5.00 | -7.5 | 30.0 |
| Benzyl chloride | Ave | 0.1519 | 0.1341 | | 4.41 | 5.00 | -11.7 | 30.0 |
| n-Butylbenzene | Ave | 0.5964 | 0.5449 | | 4.57 | 5.00 | -8.6 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.5956 | 0.5503 | | 4.62 | 5.00 | -7.6 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.4020 | 0.4028 | | 5.01 | 5.00 | 0.2 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3620 | 0.3420 | | 4.72 | 5.00 | -5.5 | 30.0 |
| Naphthalene | Ave | 0.9549 | 0.9307 | | 4.87 | 5.00 | -2.5 | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X07.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Sep-2025 20:59:01 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0160073-003
Operator ID: ans117803 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 18-Sep-2025 16:06:49 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1652

First Level Reviewer: D7UM Date: 18-Sep-2025 07:26:18

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.312 | 0.000 | 98 | 112471 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 353819 | 5.00 | 5.26 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 72 | 221487 | 5.00 | 5.82 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.641 | 3.641 | 0.000 | 95 | 347947 | 5.00 | 5.82 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 131909 | 5.00 | 5.48 | |
| 124 Butane | 43 | 3.999 | 3.999 | 0.000 | 94 | 195231 | 5.00 | 4.32 | |
| 6 Vinyl chloride | 62 | 4.014 | 4.014 | 0.000 | 84 | 138154 | 5.00 | 5.64 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 95 | 103805 | 5.00 | 5.46 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 92 | 96579 | 5.00 | 5.29 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 74640 | 5.00 | 5.04 | |
| 10 Vinyl bromide | 106 | 5.267 | 5.267 | 0.000 | 97 | 115237 | 5.00 | 4.85 | |
| 13 Dichlorofluoromethane | 67 | 5.324 | 5.324 | 0.000 | 82 | 318200 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 86 | 333827 | 5.00 | 5.45 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 242989 | NC | NC | |
| 14 Ethanol | 45 | 5.654 | 5.654 | 0.000 | 53 | 43025 | NC | NC | |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 93 | 57669 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 203023 | 5.00 | 4.90 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 89 | 158617 | 5.00 | 5.19 | |
| 23 Acetone | 43 | 6.370 | 6.370 | 0.000 | 99 | 223829 | 5.00 | 5.12 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.585 | 0.000 | 84 | 167989 | 5.00 | 5.19 | |
| 18 Iodomethane | 142 | 6.607 | 6.607 | 0.000 | 98 | 247169 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.750 | 6.750 | 0.000 | 99 | 415999 | 5.00 | 4.75 | |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 99 | 137654 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 89 | 178588 | 5.00 | 4.43 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 94 | 108137 | 5.00 | 4.66 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 96 | 182313 | 5.70 | 6.79 | |
| 31 Acrylonitrile | 53 | 7.531 | 7.531 | 0.000 | 99 | 127281 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 339137 | 5.00 | 5.35 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.660 | 0.000 | 91 | 221119 | 5.00 | 5.02 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 94 | 108570 | 5.00 | 4.78 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 27592 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.354 | 0.000 | 85 | 259554 | 5.00 | 4.83 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 94 | 487241 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 90 | 398231 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 65840 | 5.00 | 5.30 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 70 | 242171 | 5.00 | 4.84 | |
| 38 Ethyl acetate | 70 | 9.243 | 9.243 | 0.000 | 88 | 35247 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.329 | 9.329 | 0.000 | 88 | 254439 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 294290 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.637 | 9.637 | 0.000 | 89 | 172310 | 5.00 | 4.79 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 68 | 291425 | 5.00 | 4.84 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.052 | 0.000 | 58 | 271347 | 5.00 | 5.11 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 208747 | 5.00 | 4.97 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 265218 | 5.00 | 5.39 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.539 | 0.000 | 0 | 481263 | NC | NC | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 97 | 423836 | 5.00 | 4.65 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.661 | 0.000 | 86 | 205561 | 5.00 | 4.89 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 62 | 353794 | NC | NC | |
| 44 Isooctane | 57 | 10.783 | 10.783 | 0.000 | 94 | 699094 | 5.00 | 5.01 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 96 | 136356 | 5.00 | 4.94 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1128050 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 90 | 161953 | 5.00 | 4.46 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 99 | 297813 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 79 | 178106 | 5.00 | 4.69 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 144140 | 5.00 | 5.00 | |
| 56 1,4-Dioxane | 88 | 12.000 | 12.000 | 0.000 | 88 | 68051 | 5.00 | 5.52 | |
| 51 Dibromomethane | 174 | 12.051 | 12.051 | 0.000 | 81 | 141970 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 308786 | 5.00 | 4.65 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.753 | 0.000 | 90 | 245546 | 5.00 | 4.60 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.874 | 0.000 | 98 | 348959 | 5.00 | 4.97 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.061 | 13.061 | 0.000 | 93 | 1231671 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 96 | 502401 | 5.00 | 4.75 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 372421 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.347 | 0.000 | 97 | 206353 | 5.00 | 4.86 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.369 | 0.000 | 89 | 232478 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.555 | 13.555 | 0.000 | 85 | 172467 | 5.00 | 4.85 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.669 | 0.000 | 91 | 198966 | 5.00 | 4.36 | |
| 67 2-Hexanone | 43 | 13.727 | 13.727 | 0.000 | 99 | 332427 | 5.00 | 5.16 | |
| 65 Chlorodibromomethane | 127 | 13.942 | 13.942 | 0.000 | 87 | 213639 | 5.00 | 4.68 | |
| 66 Ethylene Dibromide | 107 | 14.071 | 14.071 | 0.000 | 98 | 255121 | 5.00 | 4.78 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.472 | 0.000 | 88 | 1028144 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 90 | 361949 | 5.00 | 4.52 | |
| 70 Ethylbenzene | 91 | 14.565 | 14.565 | 0.000 | 71 | 603518 | 5.00 | 4.72 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.565 | 14.565 | 0.000 | 53 | 186265 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.672 | 14.672 | 0.000 | 96 | 849475 | 10.0 | 8.96 | |
| 73 o-Xylene | 91 | 14.995 | 14.995 | 0.000 | 91 | 457814 | 5.00 | 4.86 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 85 | 324711 | 5.00 | 4.74 | |
| 75 Bromoform | 173 | 15.181 | 15.181 | 0.000 | 92 | 225193 | 5.00 | 4.55 | |
| 76 Isopropylbenzene | 105 | 15.274 | 15.274 | 0.000 | 96 | 577487 | 5.00 | 4.89 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.489 | 15.489 | 0.000 | 59 | 365422 | 5.00 | 4.51 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.546 | 15.546 | 0.000 | 56 | 91809 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.546 | 0.000 | 85 | 184319 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 93 | 154594 | 5.00 | 4.82 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.668 | 0.000 | 92 | 534293 | 5.00 | 4.53 | M |
| 81 2-Chlorotoluene | 126 | 15.675 | 15.675 | 0.000 | 93 | 145357 | 5.00 | 4.75 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.704 | 15.704 | 0.000 | 67 | 439841 | 5.00 | 4.66 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.868 | 15.868 | 0.000 | 90 | 217419 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.947 | 0.000 | 91 | 484142 | 5.00 | 5.15 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 482027 | 5.00 | 4.83 | |
| 87 sec-Butylbenzene | 105 | 16.112 | 16.112 | 0.000 | 96 | 672215 | 5.00 | 4.70 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 521252 | 5.00 | 4.59 | |
| 89 1,3-Dichlorobenzene | 146 | 16.234 | 16.234 | 0.000 | 96 | 308651 | 5.00 | 4.66 | |
| 90 1,4-Dichlorobenzene | 146 | 16.305 | 16.305 | 0.000 | 91 | 307986 | 5.00 | 4.63 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 84 | 68930 | 5.00 | 4.41 | |
| 91 n-Butylbenzene | 92 | 16.513 | 16.513 | 0.000 | 98 | 280116 | 5.00 | 4.57 | |
| 94 1,2-Dichlorobenzene | 146 | 16.585 | 16.585 | 0.000 | 94 | 282917 | 5.00 | 4.62 | |
| 93 Hexachloroethane | 117 | 16.821 | 16.821 | 0.000 | 91 | 180994 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.187 | 17.187 | 0.000 | 75 | 132574 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.888 | 17.888 | 0.000 | 93 | 207062 | 5.00 | 5.01 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.982 | 0.000 | 86 | 175827 | 5.00 | 4.72 | |
| 98 Naphthalene | 128 | 18.161 | 18.161 | 0.000 | 98 | 478430 | 5.00 | 4.87 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 463290 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.46 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1307289 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00621 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00524 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 18-Sep-2025 16:06:50 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X07.D

Injection Date: 17-Sep-2025 20:59:01 Instrument ID: HP8R004

Lims ID: CCVIS

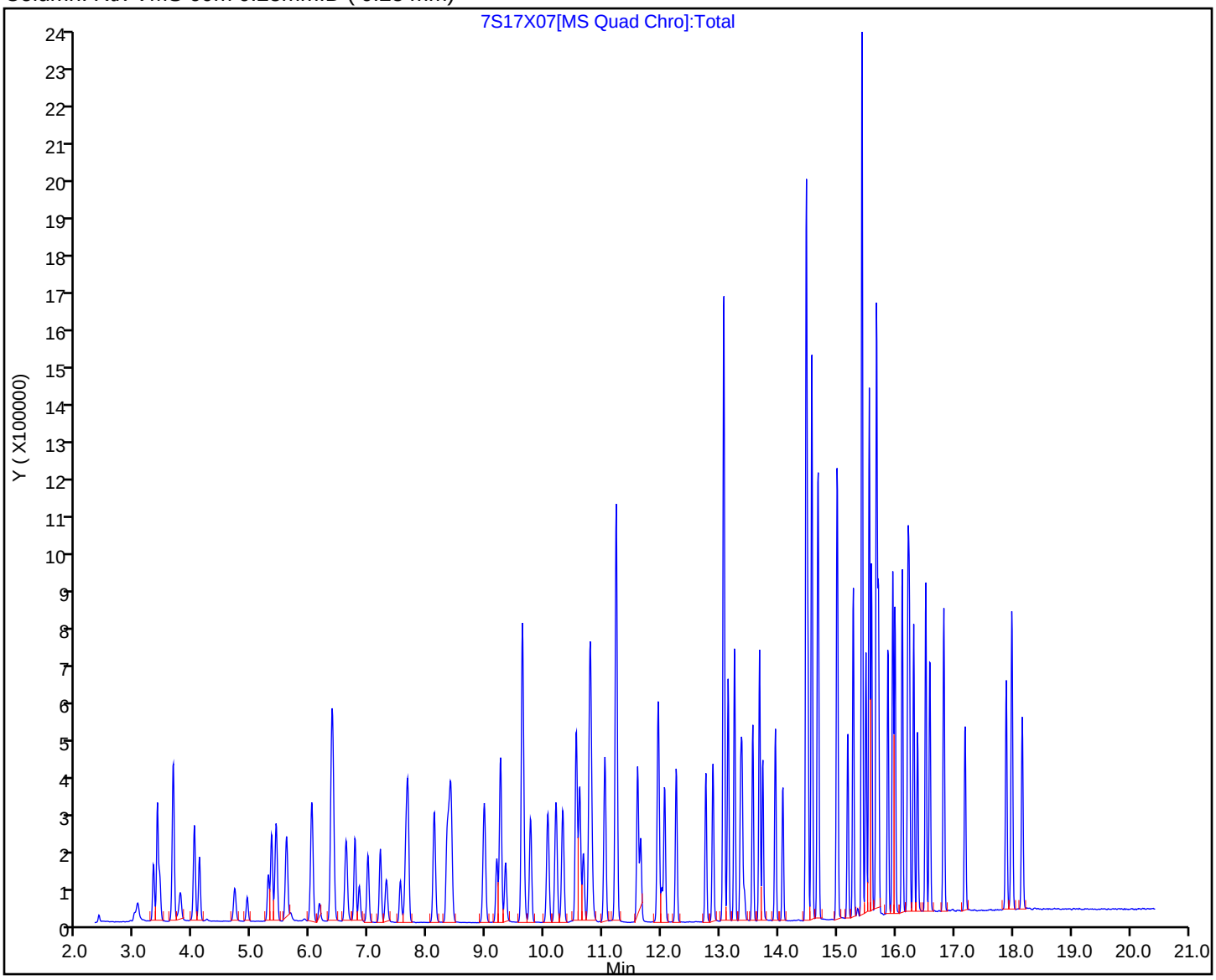
Client ID:

Operator ID: ans117803 ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

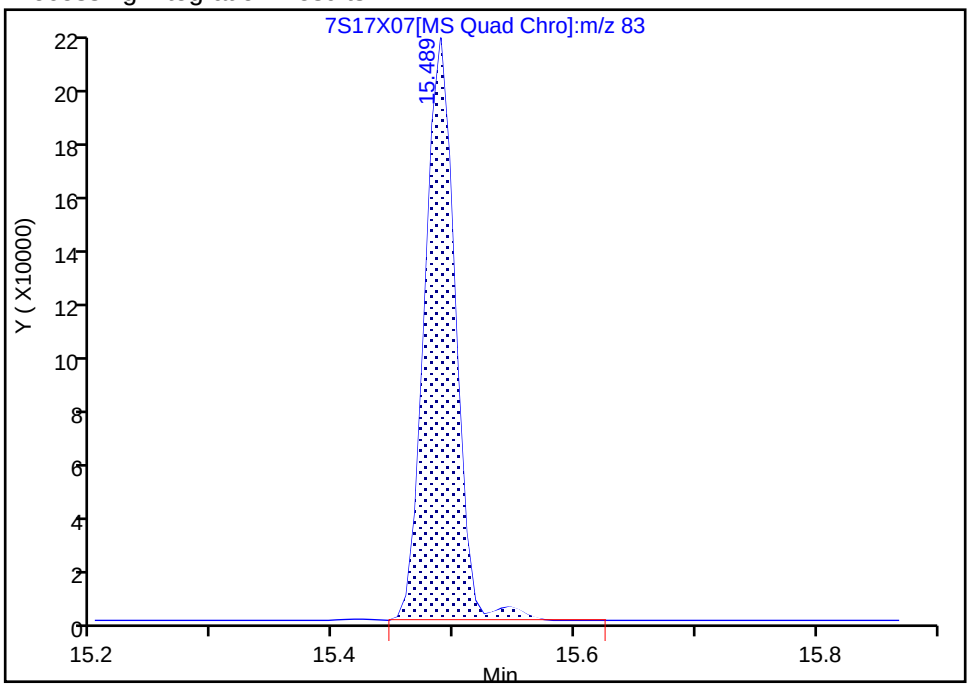
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X07.D | | | | |
| Injection Date: | 17-Sep-2025 20:59:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

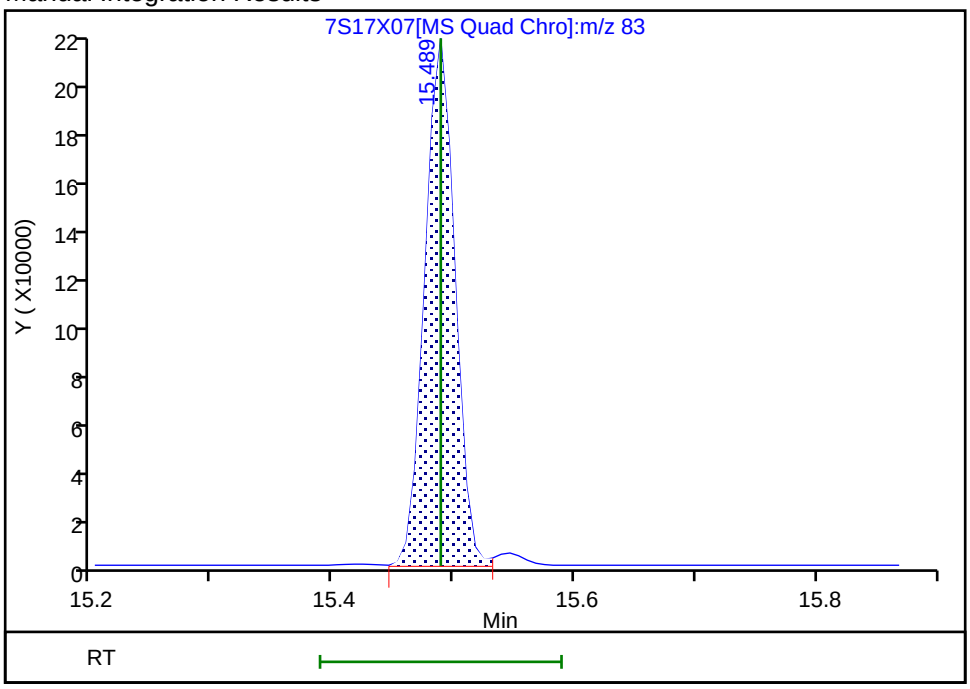
Processing Integration Results

RT: 15.49
Area: 373074
Amount: 4.603082
Amount Units: ppb v/v




Manual Integration Results

RT: 15.49
Area: 365422
Amount: 4.508670
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 14:59:11 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

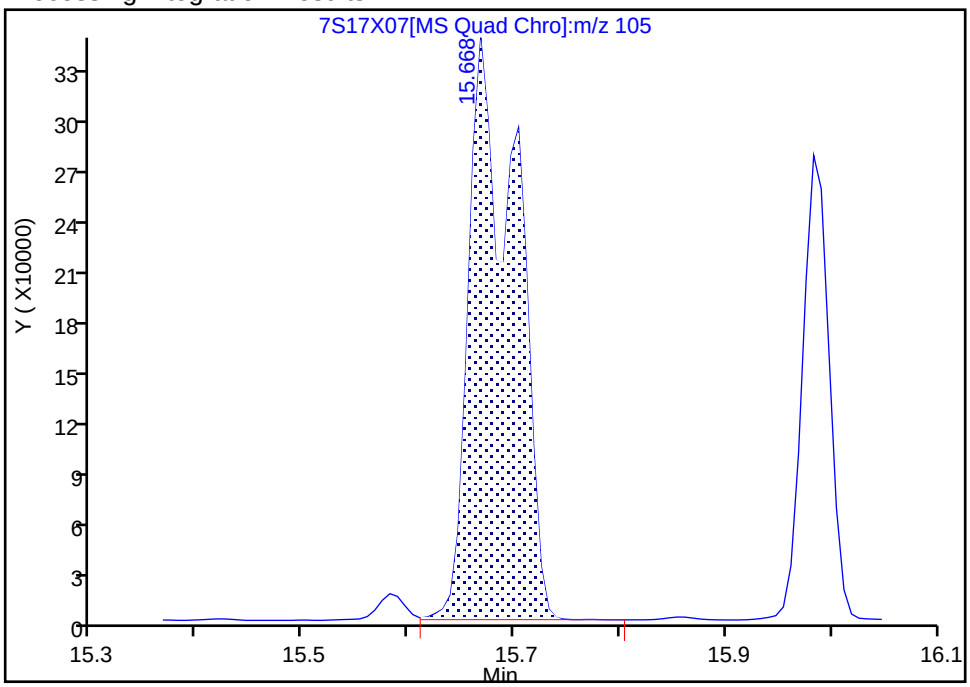
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X07.D | | | | |
| Injection Date: | 17-Sep-2025 20:59:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

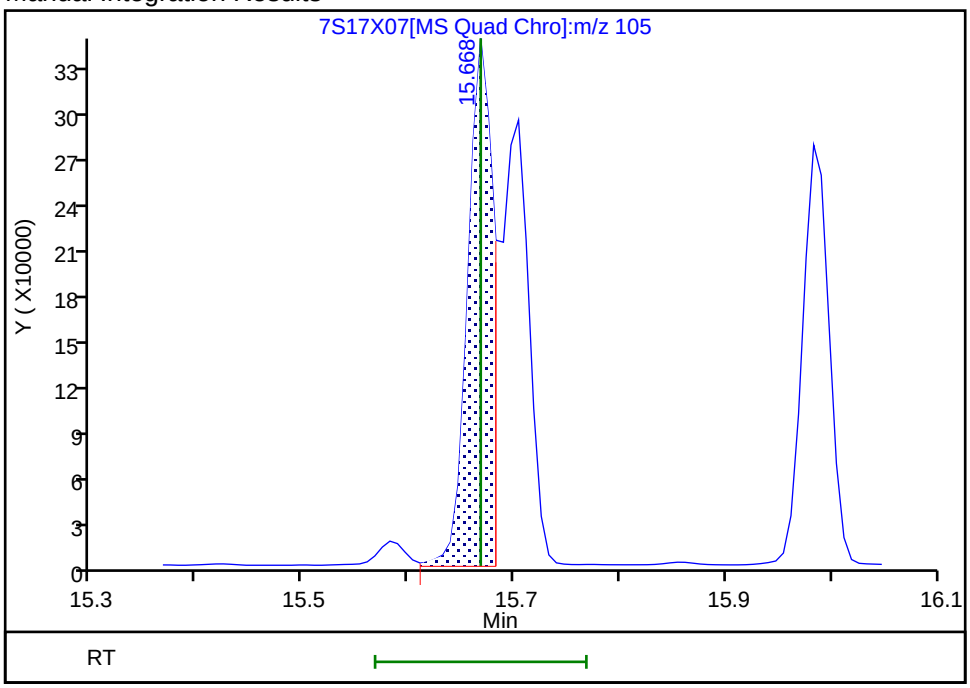
Processing Integration Results

RT: 15.67
Area: 1064584
Amount: 9.025407
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 534293
Amount: 4.529668
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:00:41 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

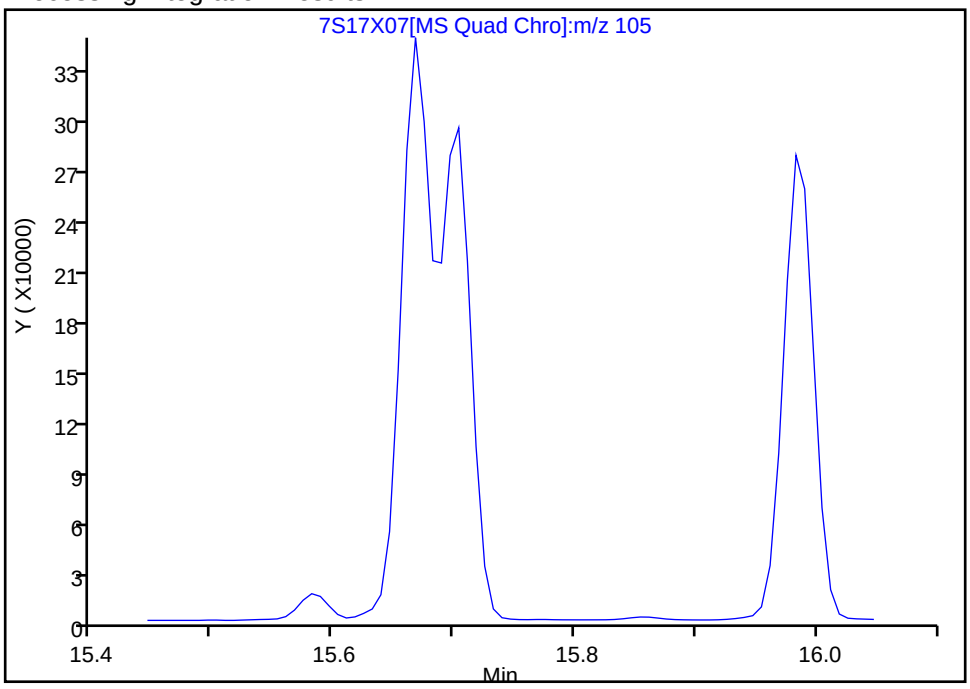
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X07.D | | | | |
| Injection Date: | 17-Sep-2025 20:59:01 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

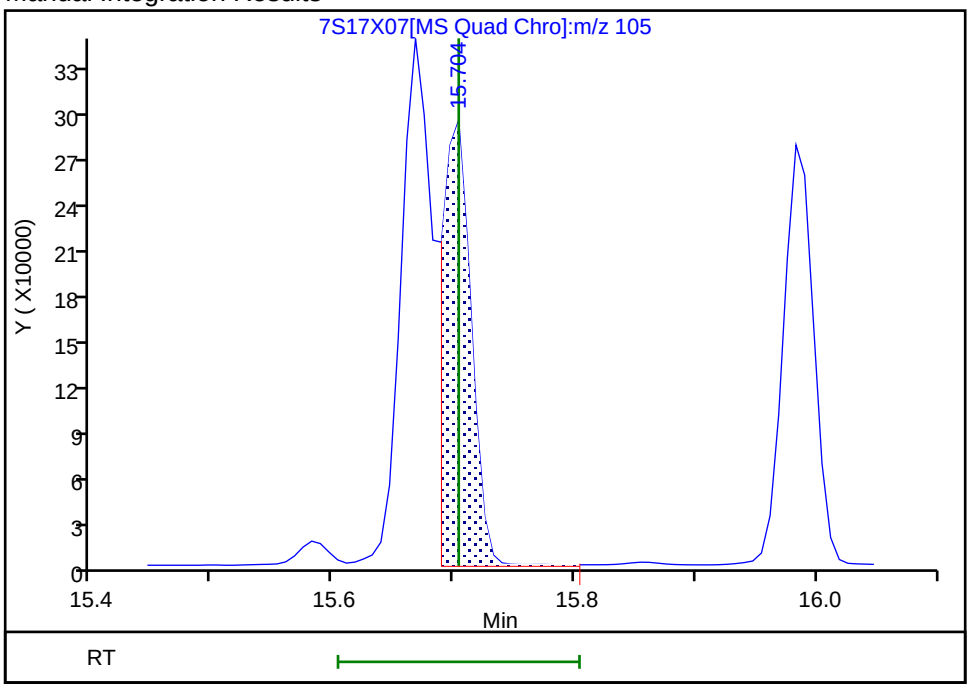
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 439841
Amount: 4.657996
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:00:55 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Sep-2025 22:04:07 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0158855-001
Operator ID: AL109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 10-Sep-2025 12:33:15 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: D7UM Date: 08-Sep-2025 13:52:12

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 91 | 184729 | 10.0 | 10.0 | a |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.525 | 10.525 | 0.000 | 0 | 305986 | NC | NC | a |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 735056 | 10.0 | 10.0 | a |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 823774 | NC | NC | a |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 89 | 725125 | 10.0 | 10.0 | a |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

## Reagents:

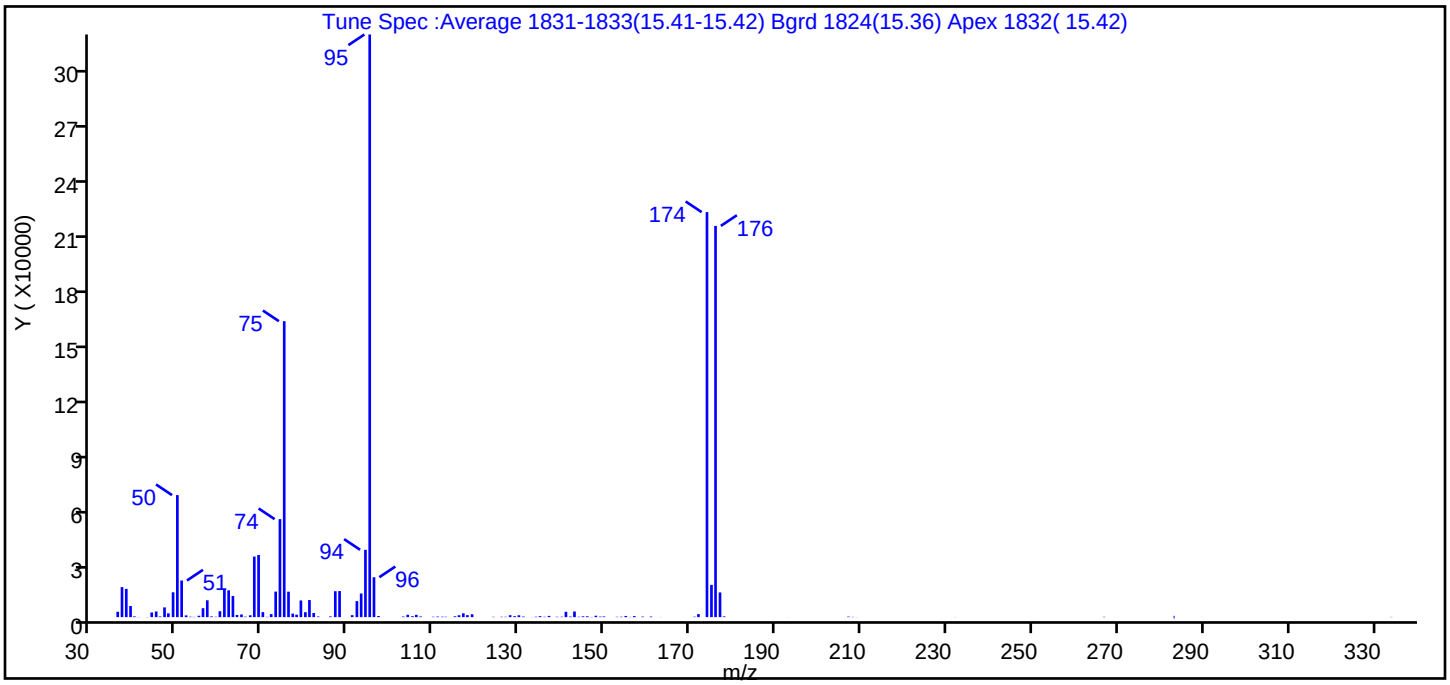
AIRBFB100ppb_00096 Amount Added: 20.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D | | | | |
| Injection Date: | 07-Sep-2025 22:04:07 | Instrument ID: | HP8R004 | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Tune Method: | BFB Method TO-15 | | | | |

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 20.9 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 50.8 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.9 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.0 (0.0) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 69.5 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.5 (8.0) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 67.1 (96.6) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.2 (6.3) |

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D\TO15LLMethods_HP8R004.rs
Injection Date: 07-Sep-2025 22:04:07
Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1824(15.36) Apex 1832( 15.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2868 | 67.00 | 984 | 106.00 | 1234 | 146.00 | 468 |
| 37.00 | 16025 | 68.00 | 32344 | 107.00 | 362 | 147.00 | 106 |
| 38.00 | 15083 | 69.00 | 33184 | 110.00 | 201 | 148.00 | 754 |
| 39.00 | 5952 | 70.00 | 2682 | 111.00 | 315 | 149.00 | 280 |
| 40.00 | 397 | 71.00 | 164 | 112.00 | 241 | 150.00 | 358 |
| 41.00 | 76 | 72.00 | 1617 | 113.00 | 205 | 153.00 | 176 |
| 43.00 | 71 | 73.00 | 13635 | 115.00 | 434 | 154.00 | 226 |
| 44.00 | 2503 | 74.00 | 52336 | 116.00 | 1024 | 155.00 | 640 |
| 45.00 | 3016 | 75.00 | 158016 | 117.00 | 2045 | 156.00 | 110 |
| 46.00 | 345 | 76.00 | 13592 | 118.00 | 1070 | 157.00 | 547 |
| 47.00 | 5204 | 77.00 | 1870 | 119.00 | 1525 | 159.00 | 299 |
| 48.00 | 2044 | 78.00 | 1304 | 124.00 | 177 | 161.00 | 320 |
| 49.00 | 13274 | 79.00 | 8908 | 126.00 | 202 | 163.00 | 52 |
| 50.00 | 65160 | 80.00 | 2643 | 127.00 | 192 | 171.00 | 231 |
| 51.00 | 19560 | 81.00 | 9129 | 128.00 | 1036 | 172.00 | 1630 |
| 52.00 | 941 | 82.00 | 2207 | 129.00 | 510 | 174.00 | 216256 |
| 53.00 | 227 | 83.00 | 332 | 130.00 | 1004 | 175.00 | 17216 |
| 54.00 | 133 | 86.00 | 380 | 131.00 | 313 | 176.00 | 208896 |
| 55.00 | 748 | 87.00 | 13843 | 133.00 | 50 | 177.00 | 13199 |
| 56.00 | 4773 | 88.00 | 13926 | 134.00 | 226 | 178.00 | 386 |
| 57.00 | 8994 | 91.00 | 1058 | 135.00 | 513 | 191.00 | 12 |
| 58.00 | 383 | 92.00 | 8563 | 136.00 | 187 | 193.00 | 36 |
| 59.00 | 189 | 93.00 | 12625 | 137.00 | 669 | 207.00 | 279 |
| 60.00 | 3162 | 94.00 | 35960 | 139.00 | 208 | 208.00 | 137 |
| 61.00 | 14636 | 95.00 | 311104 | 140.00 | 235 | 209.00 | 47 |
| 62.00 | 14317 | 96.00 | 21320 | 141.00 | 2866 | 232.00 | 51 |
| 63.00 | 11282 | 97.00 | 594 | 142.00 | 305 | 267.00 | 180 |
| 64.00 | 1159 | 103.00 | 312 | 143.00 | 3018 | 283.00 | 1 |
| 65.00 | 1425 | 104.00 | 1283 | 144.00 | 202 | 334.00 | 123 |
| 66.00 | 246 | 105.00 | 485 | 145.00 | 429 | | |

Report Date: 10-Sep-2025 12:33:15 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D

Injection Date: 07-Sep-2025 22:04:07 Instrument ID: HP8R004

Lims ID: BFB

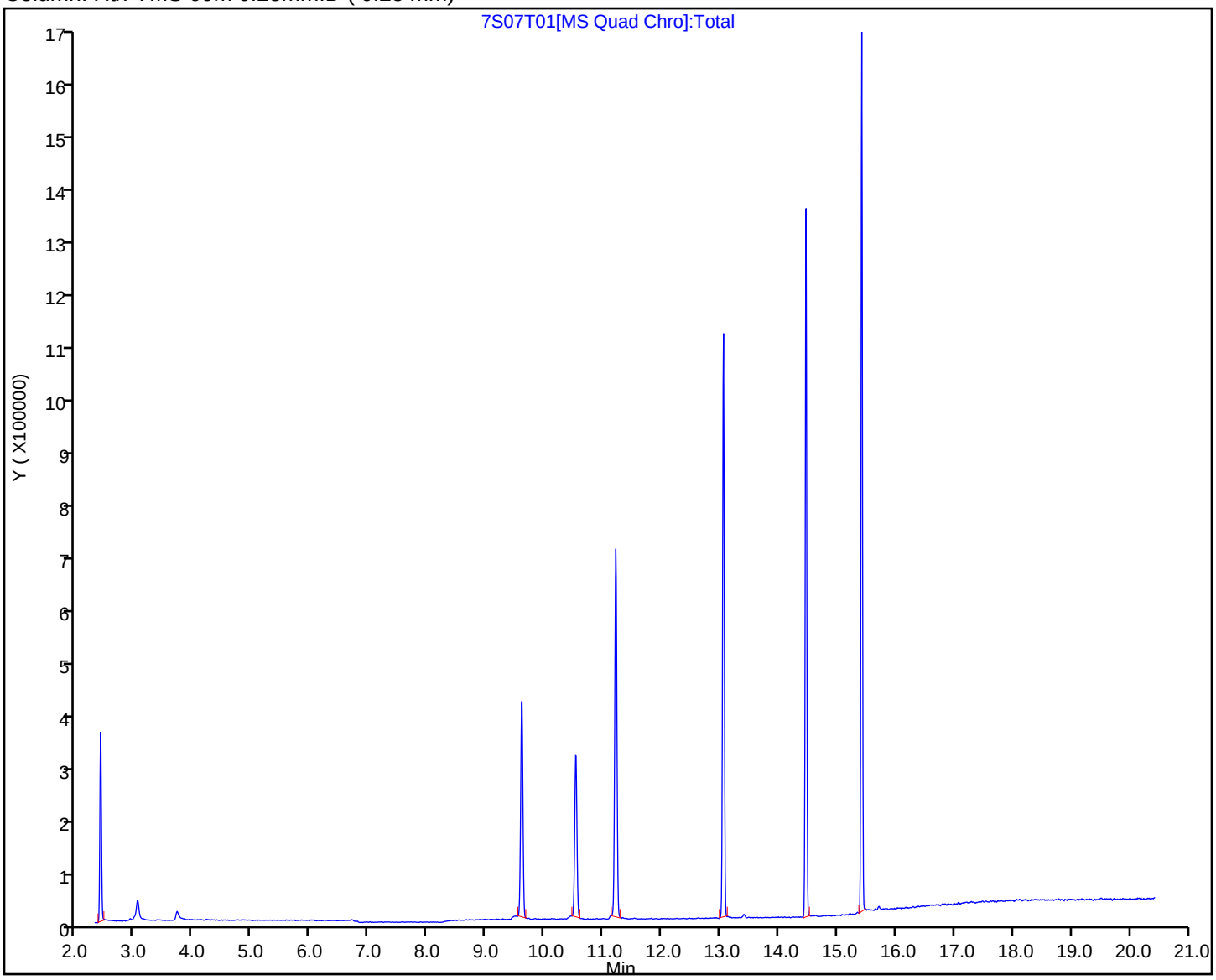
Client ID:

Operator ID: AL109694 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-Sep-2025 15:12:40 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0160073-001
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 18-Sep-2025 16:06:47 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1652

First Level Reviewer: JXC9 Date: 18-Sep-2025 14:58:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 166701 | 50.0 | 50.0 | s |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 291764 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 681558 | 50.0 | 50.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 761020 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 90 | 672056 | 50.0 | 50.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
s - Failed ISTD Recovery Test

## Reagents:

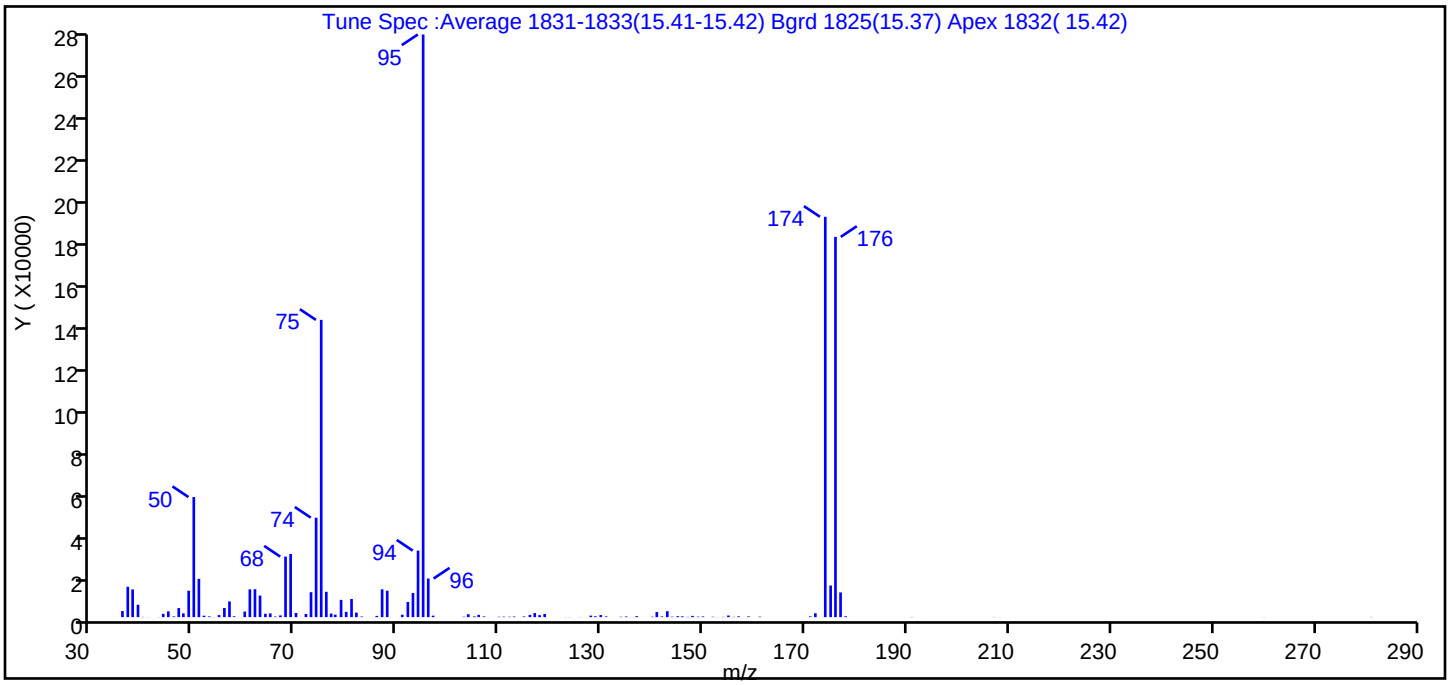
AIRBFB100ppb_00097 Amount Added: 100.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17T01.D
Injection Date: 17-Sep-2025 15:12:40 Instrument ID: HP8R004
Lims ID: BFB
Client ID:
Operator ID: ans117803 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Tune Method: BFB Method TO-15

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 20.6 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 51.0 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.6 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.0 (0.0) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 68.7 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.4 (7.9) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 65.3 (95.0) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.2 (6.5) |

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17T01.D\TO15LLMethods_HP8R004.rs
Injection Date: 17-Sep-2025 15:12:40
Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1825(15.37) Apex 1832( 15.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2869 | 67.00 | 807 | 106.00 | 1088 | 146.00 | 388 |
| 37.00 | 14446 | 68.00 | 28752 | 107.00 | 328 | 147.00 | 125 |
| 38.00 | 13174 | 69.00 | 29992 | 110.00 | 189 | 148.00 | 601 |
| 39.00 | 5892 | 70.00 | 1989 | 111.00 | 227 | 149.00 | 235 |
| 40.00 | 105 | 72.00 | 1524 | 112.00 | 200 | 150.00 | 330 |
| 41.00 | 57 | 73.00 | 11844 | 113.00 | 291 | 152.00 | 178 |
| 43.00 | 74 | 74.00 | 47248 | 115.00 | 321 | 153.00 | 60 |
| 44.00 | 1581 | 75.00 | 141184 | 116.00 | 1048 | 154.00 | 113 |
| 45.00 | 2747 | 76.00 | 12044 | 117.00 | 1946 | 155.00 | 772 |
| 46.00 | 340 | 77.00 | 1700 | 118.00 | 953 | 156.00 | 129 |
| 47.00 | 4307 | 78.00 | 1166 | 119.00 | 1534 | 157.00 | 378 |
| 48.00 | 1798 | 79.00 | 8200 | 123.00 | 60 | 159.00 | 334 |
| 49.00 | 12532 | 80.00 | 2525 | 124.00 | 58 | 161.00 | 227 |
| 50.00 | 57032 | 81.00 | 8620 | 126.00 | 51 | 171.00 | 350 |
| 51.00 | 18176 | 82.00 | 2160 | 128.00 | 726 | 172.00 | 1847 |
| 52.00 | 698 | 83.00 | 280 | 129.00 | 409 | 174.00 | 190144 |
| 53.00 | 354 | 86.00 | 606 | 130.00 | 980 | 175.00 | 15020 |
| 54.00 | 50 | 87.00 | 13213 | 131.00 | 346 | 176.00 | 180608 |
| 55.00 | 976 | 88.00 | 12553 | 133.00 | 4 | 177.00 | 11740 |
| 56.00 | 4345 | 91.00 | 1124 | 134.00 | 187 | 178.00 | 403 |
| 57.00 | 7468 | 92.00 | 7204 | 135.00 | 307 | 191.00 | 92 |
| 58.00 | 405 | 93.00 | 11454 | 136.00 | 51 | 193.00 | 16 |
| 60.00 | 2651 | 94.00 | 31600 | 137.00 | 472 | 207.00 | 86 |
| 61.00 | 13210 | 95.00 | 276736 | 140.00 | 215 | 208.00 | 36 |
| 62.00 | 13248 | 96.00 | 18328 | 141.00 | 2409 | 209.00 | 9 |
| 63.00 | 10250 | 97.00 | 715 | 142.00 | 330 | 260.00 | 56 |
| 64.00 | 1594 | 103.00 | 190 | 143.00 | 2809 | 281.00 | 113 |
| 65.00 | 1761 | 104.00 | 1385 | 144.00 | 221 | | |
| 66.00 | 264 | 105.00 | 341 | 145.00 | 463 | | |

Report Date: 18-Sep-2025 16:06:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17T01.D

Injection Date: 17-Sep-2025 15:12:40 Instrument ID: HP8R004

Lims ID: BFB

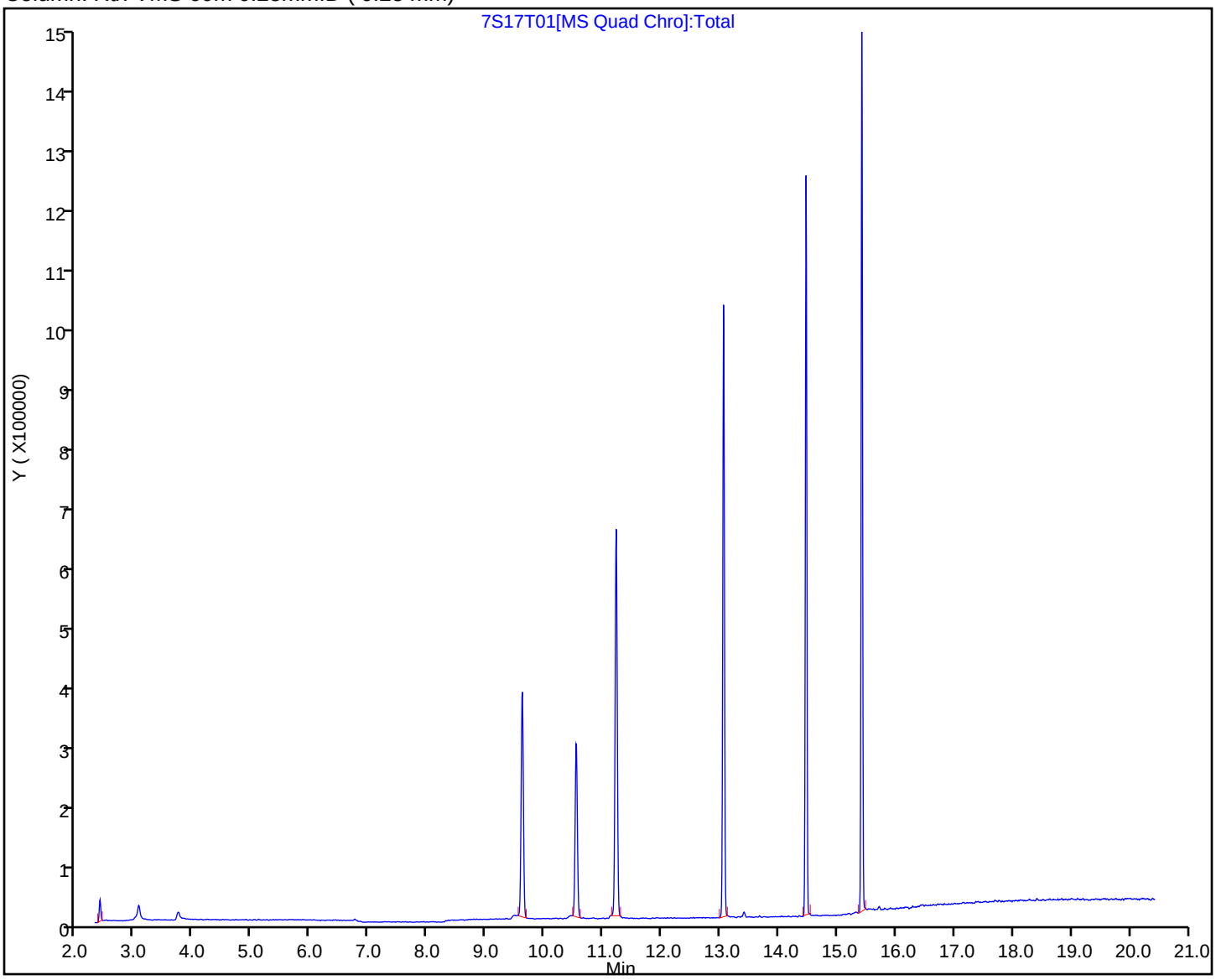
Client ID:

Operator ID: ans117803 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-700672/6

Matrix: Air  Lab File ID: 7S17X05x.D

Analysis Method: TO 15 LL  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 09/17/2025 23:26

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672  Units: ug/m3

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 67-64-1 | Acetone | 12 | U | 12 | 3.8 |
| 71-43-2 | Benzene | 0.64 | U | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-700672/6

Matrix: Air  Lab File ID: 7S17X05x.D

Analysis Method: TO 15 LL  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 09/17/2025 23:26

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672  Units: ug/m3

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 1.0 | U | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 0.69 | U | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-700672/6

Matrix: Air
Lab File ID: 7S17X05x.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/17/2025 23:26

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 108-88-3 | Toluene | 0.75 | U | 0.75 | 0.16 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X05x.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Sep-2025 23:26:04 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0160073-007
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 18-Sep-2025 16:06:49 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1652

First Level Reviewer: JXC9 Date: 18-Sep-2025 15:06:11

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 14 Ethanol | 45 | 5.597 | 5.654 | -0.057 | 15 | 1137 | | NC | |
| 19 Acrolein | 56 | 6.170 | 6.148 | 0.022 | 27 | 1271 | | NC | |
| 23 Acetone | 43 | 6.385 | 6.370 | 0.015 | 90 | 14682 | | 0.3194 | |
| 17 Carbon disulfide | 76 | 6.757 | 6.750 | 0.007 | 88 | 7931 | | 0.0861 | |
| 28 Acetonitrile | 41 | 6.836 | 6.829 | 0.007 | 3 | 610 | | NC | |
| 29 Isopropyl ether | 45 | 8.383 | 8.390 | -0.007 | 36 | 637 | | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 309389 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.539 | -0.007 | 0 | 496491 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1096059 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.061 | -0.008 | 95 | 1206617 | NC | NC | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 33 | 1331 | | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 90 | 1039809 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

AIRIS200 ppb_00524 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 18-Sep-2025 16:07:03 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X05x.D

Injection Date: 17-Sep-2025 23:26:04 Instrument ID: HP8R004

Lims ID: MB

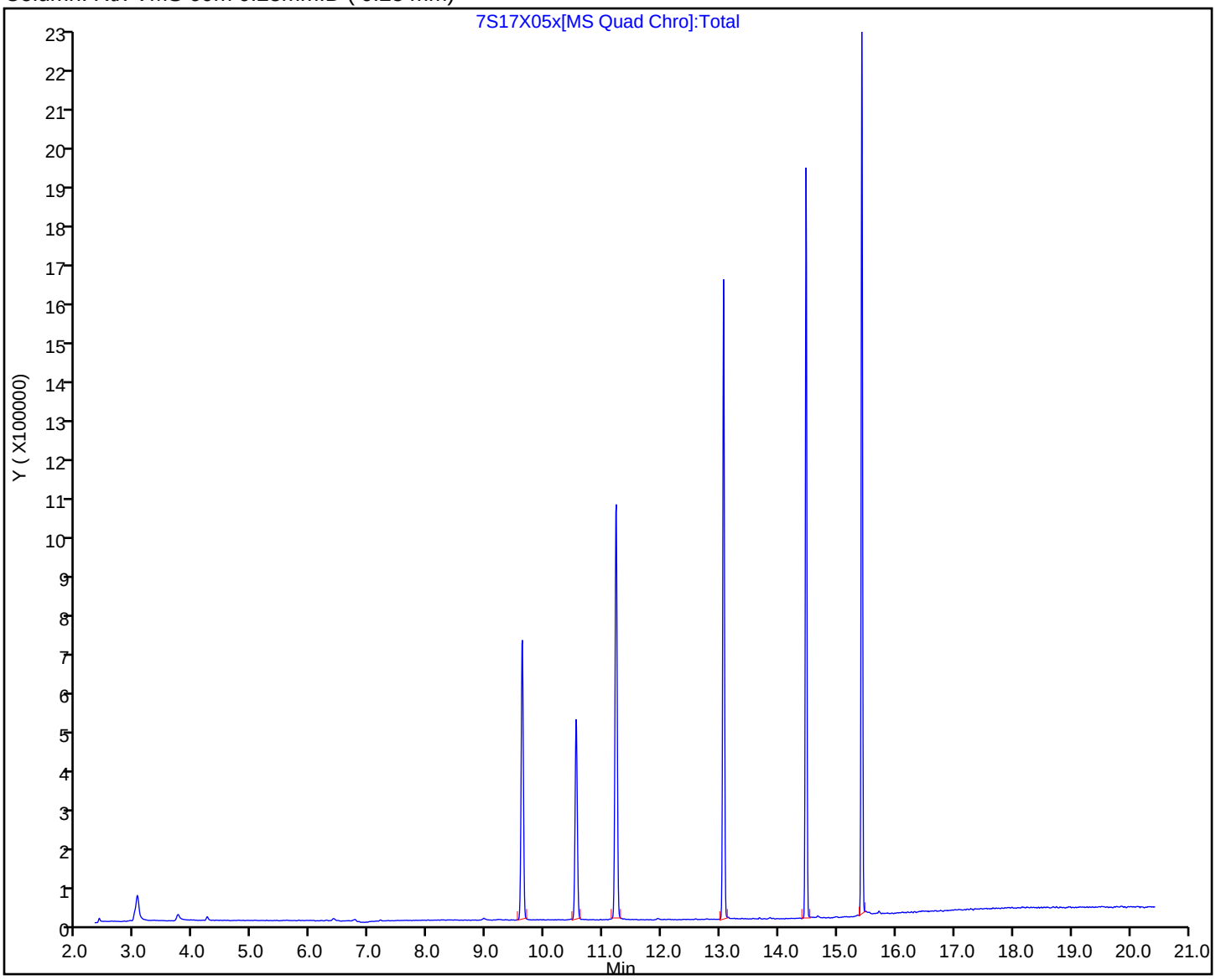
Client ID:

Operator ID: ans117803 ALS Bottle#: 3 Worklist Smp#: 6

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



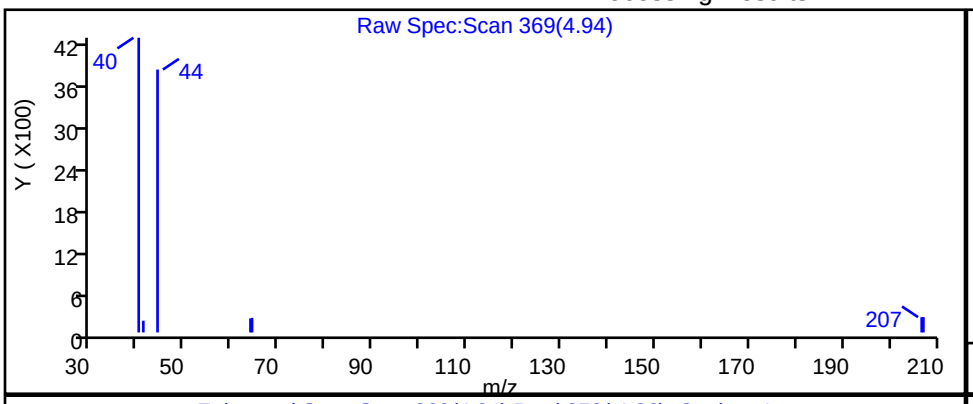
User Disabled Compound Report

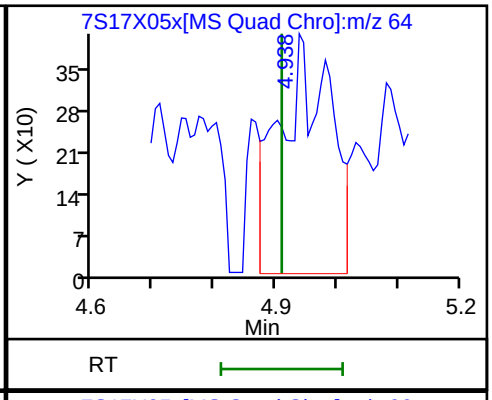
Eurofins Lancaster Laboratories Environment Testing, LLC

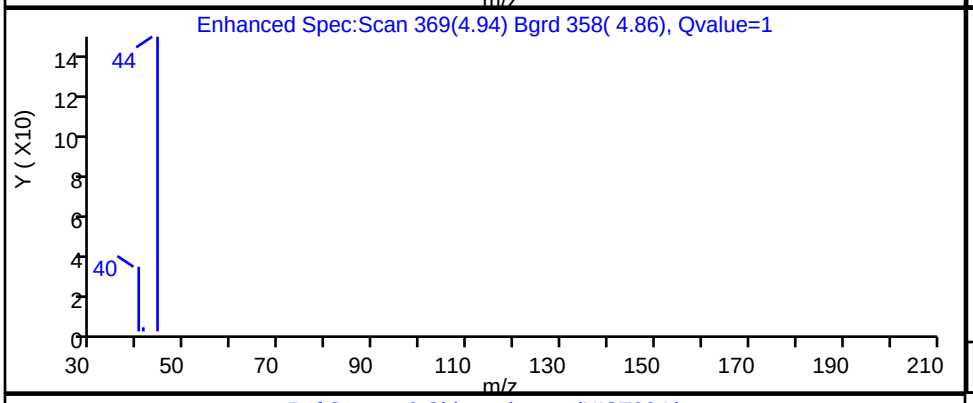
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X05x.D | | | | |
| Injection Date: | 17-Sep-2025 23:26:04 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 3 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

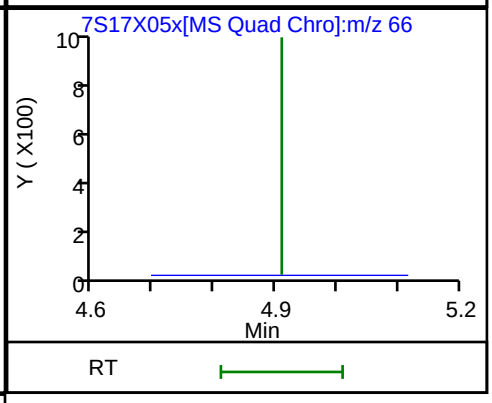
## 9 Chloroethane, CAS: 75-00-3

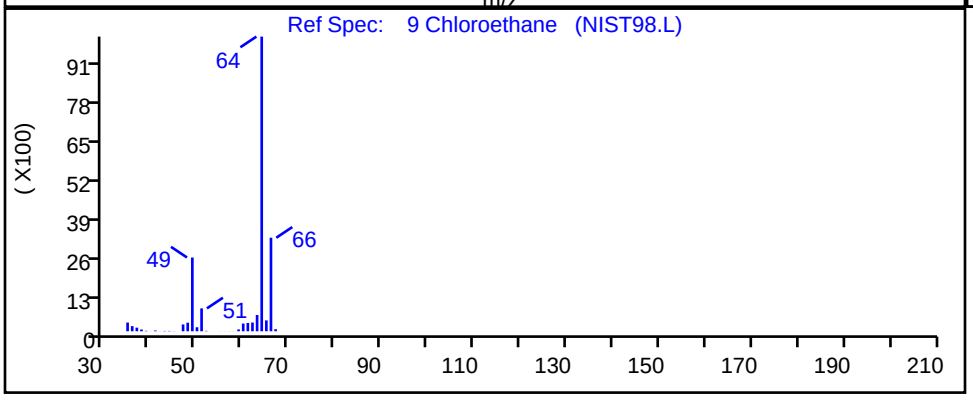
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.94 | 64.00 | 2305 | 0.148110 |
| 4.91 | 66.00 | 0 | |

Reviewer: JXC9, 18-Sep-2025 15:05:26 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 410-700672/4

Matrix: Air  Lab File ID: 7S17X03x.D

Analysis Method: TO 15 LL  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 09/17/2025 22:27

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672  Units: ug/m3

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 28.9 | | 1.1 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 33.2 | | 1.4 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 27.6 | | 1.1 | 0.40 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 43.6 | | 1.5 | 0.41 |
| 75-34-3 | 1,1-Dichloroethane | 20.2 | | 0.81 | 0.10 |
| 75-35-4 | 1,1-Dichloroethene | 21.8 | | 0.20 | 0.10 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 41.7 | | 3.7 | 0.38 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 25.4 | | 0.98 | 0.39 |
| 106-93-4 | 1,2-Dibromoethane | 37.9 | | 1.5 | 0.32 |
| 95-50-1 | 1,2-Dichlorobenzene | 30.5 | | 1.2 | 0.40 |
| 107-06-2 | 1,2-Dichloroethane | 20.2 | | 0.81 | 0.38 |
| 78-87-5 | 1,2-Dichloropropane | 22.7 | | 0.92 | 0.43 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 41.0 | | 1.4 | 0.34 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 27.5 | | 0.98 | 0.23 |
| 106-99-0 | 1,3-Butadiene | 11.4 | | 0.44 | 0.086 |
| 541-73-1 | 1,3-Dichlorobenzene | 30.3 | | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 30.1 | | 1.2 | 0.54 |
| 123-91-1 | 1,4-Dioxane | 24.4 | | 18 | 0.17 |
| 540-84-1 | 2,2,4-Trimethylpentane | 24.0 | | 0.93 | 0.18 |
| 95-49-8 | 2-Chlorotoluene | 26.1 | | 1.0 | 0.24 |
| 107-05-1 | 3-Chloropropene | 15.3 | | 1.6 | 0.38 |
| 622-96-8 | 4-Ethyltoluene | 26.3 | | 0.98 | 0.24 |
| 99-87-6 | 4-Isopropyltoluene | 28.0 | | 1.1 | 0.34 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 22.7 | | 2.1 | 0.53 |
| 67-64-1 | Acetone | 13.1 | | 12 | 3.8 |
| 71-43-2 | Benzene | 15.5 | | 0.64 | 0.14 |
| 100-44-7 | Benzyl chloride | 25.7 | | 1.0 | 0.46 |
| 75-27-4 | Bromodichloromethane | 32.6 | | 1.3 | 0.34 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 21.3 | | 0.88 | 0.22 |
| 75-25-2 | Bromoform | 52.8 | | 2.1 | 1.2 |
| 74-83-9 | Bromomethane | 20.6 | | 0.78 | 0.28 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-700672/4

Matrix: Air
Lab File ID: 7S17X03x.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/17/2025 22:27

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-15-0 | Carbon disulfide | 14.3 | | 1.6 | 0.41 |
| 56-23-5 | Carbon tetrachloride | 35.3 | | 0.22 | 0.14 |
| 108-90-7 | Chlorobenzene | 21.5 | | 0.92 | 0.20 |
| 75-45-6 | Chlorodifluoromethane | 21.7 | | 1.8 | 0.42 |
| 75-00-3 | Chloroethane | 13.1 | | 1.3 | 0.48 |
| 67-66-3 | Chloroform | 24.4 | | 0.98 | 0.20 |
| 74-87-3 | Chloromethane | 11.8 | | 1.0 | 0.31 |
| 156-59-2 | cis-1,2-Dichloroethene | 19.8 | | 0.20 | 0.083 |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.9 | | 0.91 | 0.20 |
| 98-82-8 | Cumene | 25.8 | | 0.98 | 0.20 |
| 110-82-7 | Cyclohexane | 17.9 | | 0.69 | 0.11 |
| 124-48-1 | Dibromochloromethane | 42.4 | | 1.7 | 0.13 |
| 75-71-8 | Dichlorodifluoromethane | 26.4 | | 2.5 | 0.54 |
| 100-41-4 | Ethylbenzene | 21.4 | | 0.87 | 0.23 |
| 87-68-3 | Hexachlorobutadiene | 53.7 | | 2.1 | 1.2 |
| 67-63-0 | Isopropyl alcohol | 14.3 | | 12 | 3.9 |
| 179601-23-1 | m,p-Xylene | 22.1 | | 2.2 | 0.41 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 24.0 | | 2.1 | 0.62 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 16.3 | | 1.5 | 1.5 |
| 80-62-6 | Methyl methacrylate | 21.2 | | 2.1 | 0.57 |
| 1634-04-4 | Methyl tert-butyl ether | 19.7 | | 0.72 | 0.13 |
| 75-09-2 | Methylene Chloride | 18.3 | | 1.7 | 0.63 |
| 91-20-3 | Naphthalene | 30.1 | | 2.0 | 1.6 |
| 104-51-8 | n-Butylbenzene | 27.8 | | 1.1 | 0.60 |
| 142-82-5 | n-Heptane | 20.8 | | 0.82 | 0.23 |
| 110-54-3 | n-Hexane | 17.0 | | 1.8 | 0.39 |
| 103-65-1 | n-Propylbenzene | 25.5 | | 0.98 | 0.23 |
| 95-47-6 | o-Xylene | 21.8 | | 0.87 | 0.23 |
| 135-98-8 | sec-Butylbenzene | 28.6 | | 1.1 | 0.25 |
| 100-42-5 | Styrene | 21.3 | | 0.85 | 0.25 |
| 75-65-0 | tert-Butyl alcohol | 23.7 | | 15 | 3.6 |
| 98-06-6 | tert-Butylbenzene | 31.0 | | 1.1 | 0.26 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-334962-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-700672/4

Matrix: Air
Lab File ID: 7S17X03x.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/17/2025 22:27

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 700672
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 127-18-4 | Tetrachloroethene | 33.3 | | 1.4 | 0.14 |
| 109-99-9 | Tetrahydrofuran | 14.8 | J | 15 | 3.8 |
| 108-88-3 | Toluene | 18.3 | | 0.75 | 0.16 |
| 156-60-5 | trans-1,2-Dichloroethene | 19.4 | | 0.79 | 0.091 |
| 10061-02-6 | trans-1,3-Dichloropropene | 24.9 | | 0.91 | 0.25 |
| 79-01-6 | Trichloroethene | 25.4 | | 0.20 | 0.13 |
| 75-69-4 | Trichlorofluoromethane | 30.9 | | 1.1 | 0.28 |
| 75-01-4 | Vinyl chloride | 15.2 | | 0.20 | 0.054 |
| 1330-20-7 | Xylene (total) | 43.9 | | 2.2 | 0.061 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Sep-2025 22:27:49 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 410-0160073-004
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 18-Sep-2025 16:06:49 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1652

First Level Reviewer: D7UM Date: 18-Sep-2025 10:26:02

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.312 | 0.000 | 98 | 121180 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 377986 | 5.00 | 5.35 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 245835 | 5.00 | 6.14 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 369287 | 5.00 | 5.87 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 89 | 144095 | 5.00 | 5.69 | |
| 6 Vinyl chloride | 62 | 4.014 | 4.014 | 0.001 | 84 | 153556 | 5.00 | 5.96 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 96 | 102659 | 5.00 | 5.14 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 92 | 101980 | 5.00 | 5.31 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 77074 | 5.00 | 4.95 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.267 | 0.007 | 97 | 121797 | 5.00 | 4.88 | |
| 13 Dichlorofluoromethane | 67 | 5.325 | 5.324 | 0.000 | 82 | 345421 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 87 | 354731 | 5.00 | 5.51 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 264989 | NC | NC | |
| 14 Ethanol | 45 | 5.654 | 5.654 | 0.000 | 55 | 48010 | NC | NC | M |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 94 | 60445 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 239334 | 5.00 | 5.49 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 95 | 182916 | 5.00 | 5.70 | |
| 23 Acetone | 43 | 6.370 | 6.370 | 0.000 | 99 | 253133 | 5.00 | 5.50 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.585 | 0.000 | 82 | 197461 | 5.00 | 5.80 | |
| 18 Iodomethane | 142 | 6.607 | 6.607 | 0.000 | 98 | 264823 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.750 | 6.750 | 0.000 | 99 | 422738 | 5.00 | 4.59 | |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 98 | 144174 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 89 | 207967 | 5.00 | 4.90 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 99 | 128358 | 5.00 | 5.26 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 97 | 220637 | 5.55 | 7.82 | M |
| 31 Acrylonitrile | 53 | 7.524 | 7.531 | -0.007 | 98 | 134743 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.624 | 7.631 | -0.007 | 90 | 364506 | 5.00 | 5.46 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.653 | 7.660 | -0.007 | 90 | 226870 | 5.00 | 4.90 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 96 | 115009 | 5.00 | 4.81 | |
| 33 Vinyl acetate | 86 | 8.319 | 8.326 | -0.007 | 97 | 30563 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.354 | -0.007 | 85 | 281977 | 5.00 | 4.99 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 8.383 | 8.390 | -0.007 | 94 | 529718 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.956 | 8.963 | -0.007 | 91 | 430809 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.171 | 9.178 | -0.007 | 99 | 72126 | 5.00 | 5.52 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.236 | 9.235 | 0.001 | 68 | 262671 | 5.00 | 5.00 | |
| 38 Ethyl acetate | 70 | 9.243 | 9.243 | 0.000 | 88 | 34681 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.322 | 9.329 | -0.007 | 92 | 274059 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.615 | -0.007 | 90 | 309468 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.630 | 9.637 | -0.007 | 88 | 190086 | 5.00 | 5.02 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 68 | 316671 | 5.00 | 5.00 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.052 | -0.007 | 59 | 295499 | 5.00 | 5.29 | |
| 36 Cyclohexane | 56 | 10.181 | 10.188 | -0.007 | 94 | 229639 | 5.00 | 5.20 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 68 | 289898 | 5.00 | 5.61 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.539 | -0.007 | 0 | 501653 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 93 | 458584 | 5.00 | 4.87 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.661 | -0.007 | 86 | 217074 | 5.00 | 4.99 | |
| 47 Tert-amyl methyl ether | 73 | 10.761 | 10.768 | -0.007 | 73 | 377351 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 93 | 741466 | 5.00 | 5.14 | |
| 45 n-Heptane | 71 | 11.019 | 11.026 | -0.007 | 95 | 144983 | 5.00 | 5.09 | |
| * 50 1,4-Difluorobenzene | 114 | 11.213 | 11.220 | -0.007 | 93 | 1165714 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.578 | 11.585 | -0.007 | 90 | 177457 | 5.00 | 4.73 | |
| 52 Ethyl acrylate | 55 | 11.628 | 11.635 | -0.007 | 98 | 347003 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.922 | 11.929 | -0.007 | 81 | 192782 | 5.00 | 4.91 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 92 | 153882 | 5.00 | 5.17 | |
| 56 1,4-Dioxane | 88 | 11.993 | 12.000 | -0.007 | 84 | 86141 | 5.00 | 6.76 | M |
| 51 Dibromomethane | 174 | 12.044 | 12.051 | -0.007 | 79 | 154199 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.237 | 12.244 | -0.007 | 93 | 333833 | 5.00 | 4.86 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.746 | 12.753 | -0.007 | 89 | 266621 | 5.00 | 4.83 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.874 | -0.007 | 98 | 402699 | 5.00 | 5.55 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.054 | 13.061 | -0.007 | 94 | 1266455 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.132 | -0.007 | 91 | 530200 | 5.00 | 4.87 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 393092 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.347 | -0.007 | 91 | 239814 | 5.00 | 5.49 | M |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.369 | 0.000 | 88 | 267501 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.555 | -0.007 | 85 | 185089 | 5.00 | 5.06 | |
| 61 Tetrachloroethene | 166 | 13.670 | 13.669 | 0.001 | 93 | 230230 | 5.00 | 4.91 | |
| 67 2-Hexanone | 43 | 13.720 | 13.727 | -0.007 | 99 | 388542 | 5.00 | 5.86 | |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.942 | -0.007 | 88 | 233764 | 5.00 | 4.98 | |
| 66 Ethylene Dibromide | 107 | 14.064 | 14.071 | -0.007 | 98 | 270563 | 5.00 | 4.93 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 88 | 1057589 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 92 | 385377 | 5.00 | 4.67 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.565 | -0.007 | 69 | 648703 | 5.00 | 4.93 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.565 | -0.007 | 47 | 204088 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.672 | -0.007 | 96 | 497191 | 5.00 | 5.10 | |
| 73 o-Xylene | 91 | 14.988 | 14.995 | -0.007 | 93 | 486743 | 5.00 | 5.02 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 89 | 352516 | 5.00 | 5.00 | |
| 75 Bromoform | 173 | 15.174 | 15.181 | -0.007 | 95 | 260082 | 5.00 | 5.11 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.274 | -0.007 | 97 | 638045 | 5.00 | 5.25 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.489 | -0.007 | 63 | 403259 | 5.00 | 4.84 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.546 | -0.007 | 58 | 99538 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.546 | 0.000 | 85 | 203236 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 171053 | 5.00 | 5.19 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.668 | 0.000 | 89 | 648994 | 5.00 | 5.35 | M |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 81 2-Chlorotoluene | 126 | 15.668 | 15.675 | -0.007 | 89 | 158938 | 5.00 | 5.05 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.704 | -0.007 | 66 | 544138 | 5.00 | 5.60 | M |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.868 | -0.007 | 90 | 230949 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.947 | 0.000 | 92 | 546409 | 5.00 | 5.65 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 530911 | 5.00 | 5.17 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.112 | -0.007 | 96 | 766679 | 5.00 | 5.21 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 596388 | 5.00 | 5.10 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.234 | -0.007 | 95 | 342974 | 5.00 | 5.04 | |
| 90 1,4-Dichlorobenzene | 146 | 16.306 | 16.305 | 0.001 | 91 | 343328 | 5.00 | 5.01 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 72 | 79783 | 5.00 | 4.97 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.513 | -0.007 | 98 | 319768 | 5.00 | 5.07 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.585 | -0.007 | 93 | 319445 | 5.00 | 5.07 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.821 | -0.007 | 86 | 180338 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.187 | -0.007 | 74 | 156735 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.889 | 17.888 | 0.001 | 92 | 239058 | 5.00 | 5.62 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.982 | 0.000 | 89 | 192729 | 5.00 | 5.03 | |
| 98 Naphthalene | 128 | 18.161 | 18.161 | 0.000 | 98 | 578970 | 5.80 | 5.73 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 489541 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 10.3 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 983934 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

## Reagents:

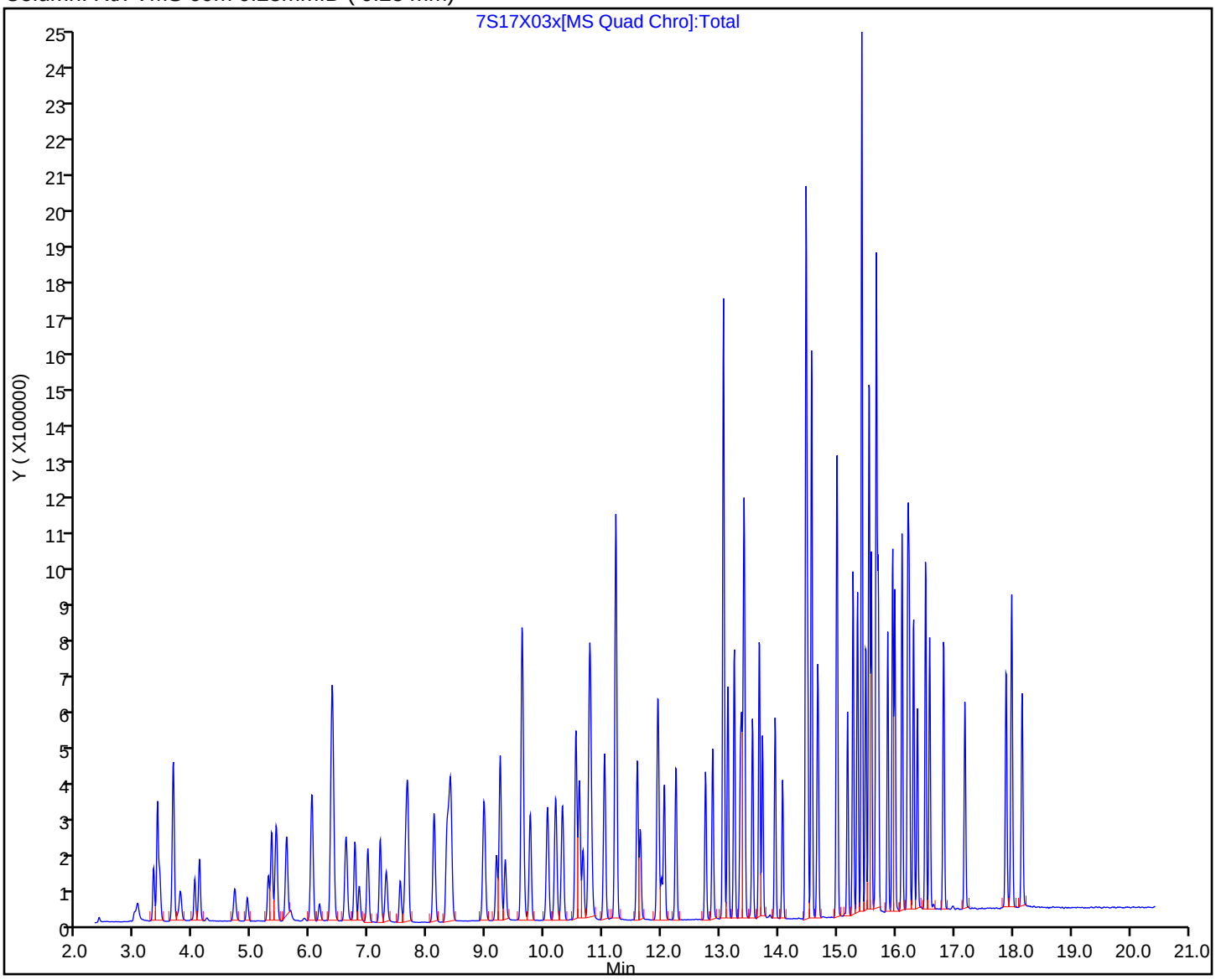
| | | | |
|---|---|---|---|
| AIRLCS10.0_00567 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00524 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 18-Sep-2025 16:06:54 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

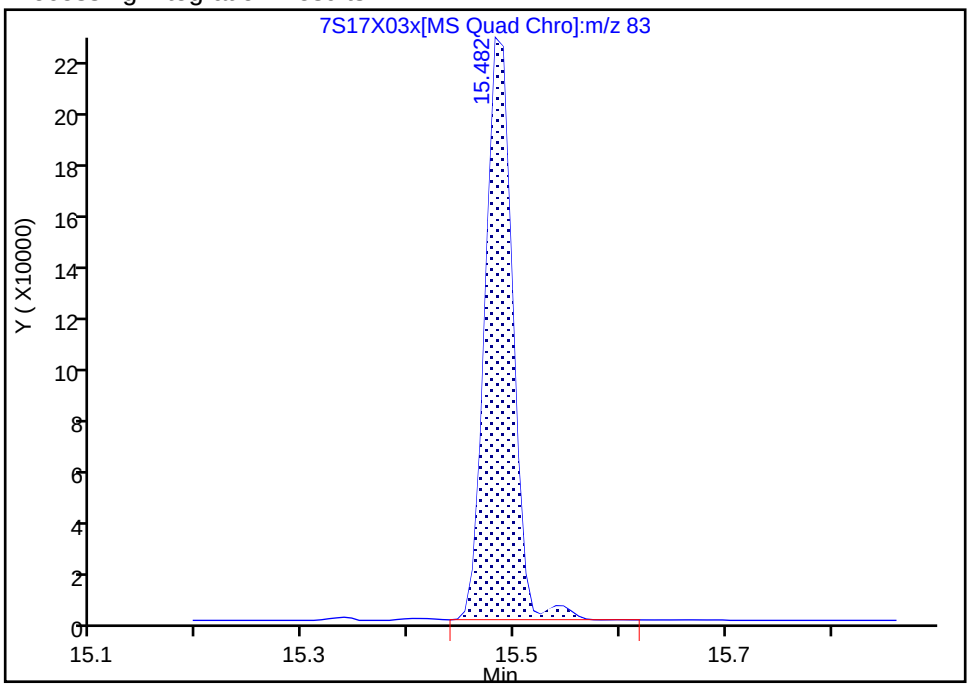
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

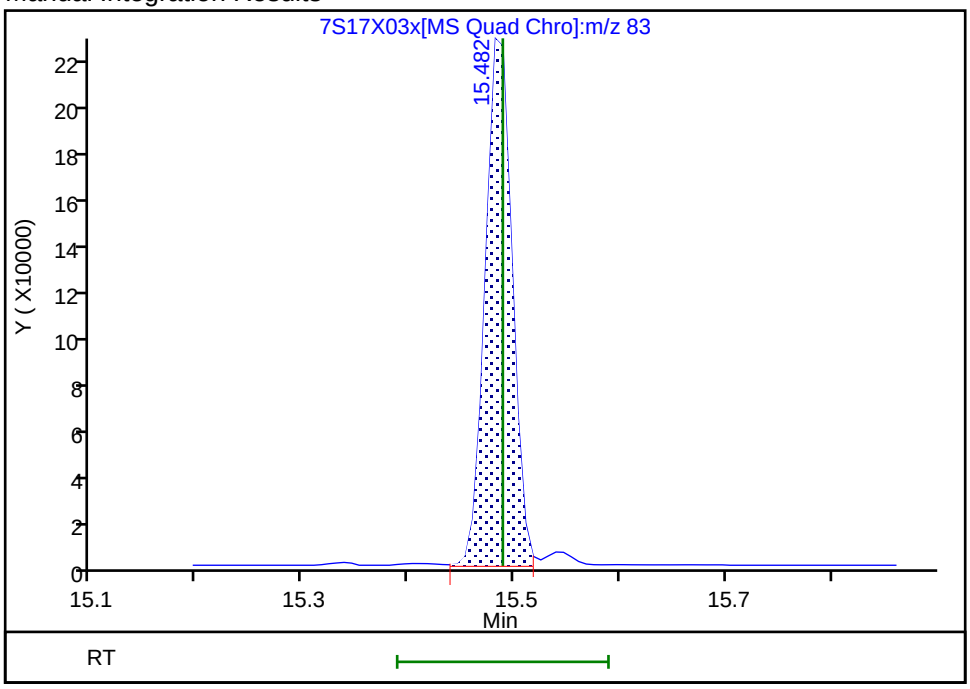
Processing Integration Results

RT: 15.48
Area: 414857
Amount: 4.976101
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 403259
Amount: 4.836986
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:02:25 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

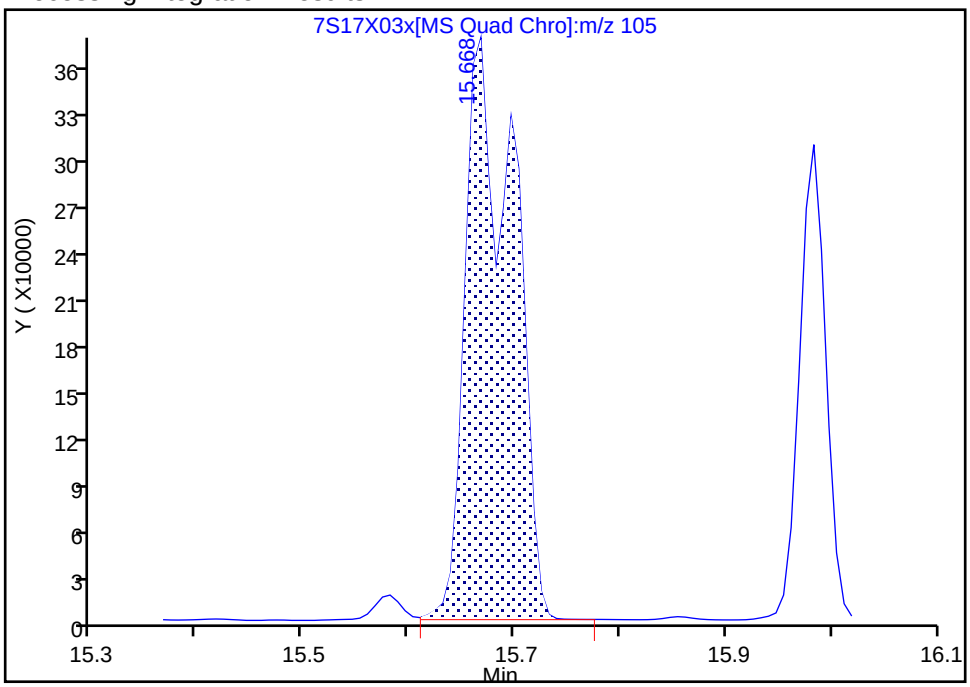
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

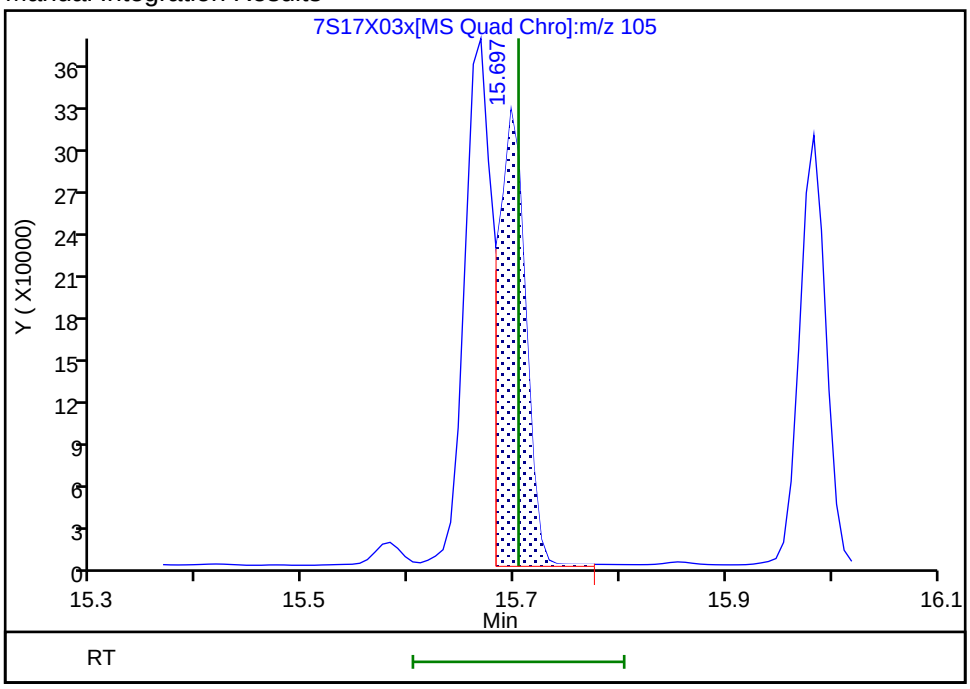
Processing Integration Results

RT: 15.67
Area: 1193133
Amount: 12.283701
Amount Units: ppb v/v




Manual Integration Results

RT: 15.70
Area: 544138
Amount: 5.602082
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:03:11 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

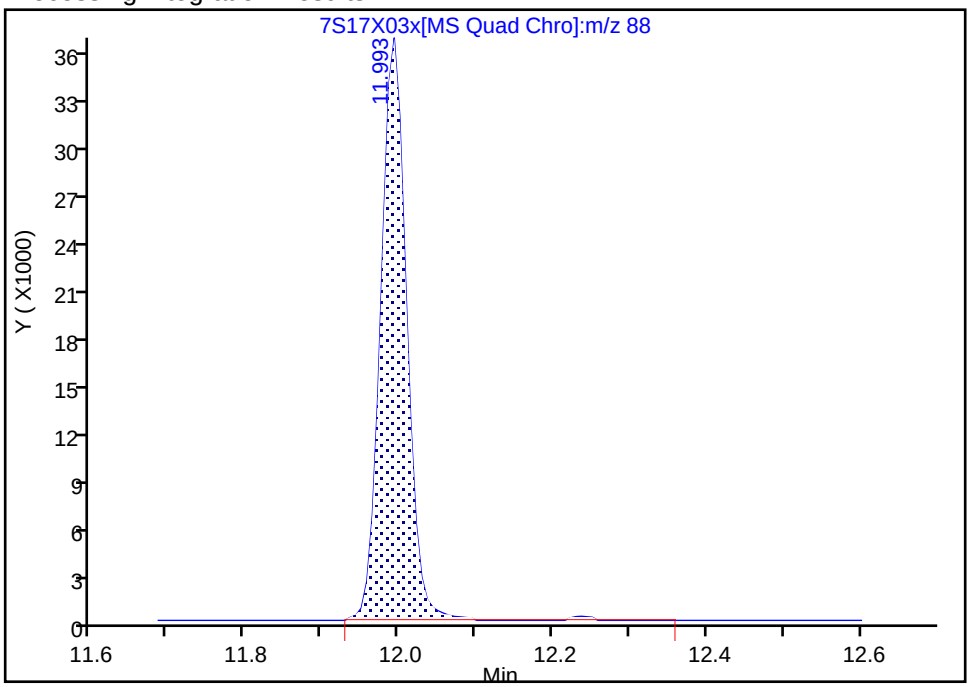
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

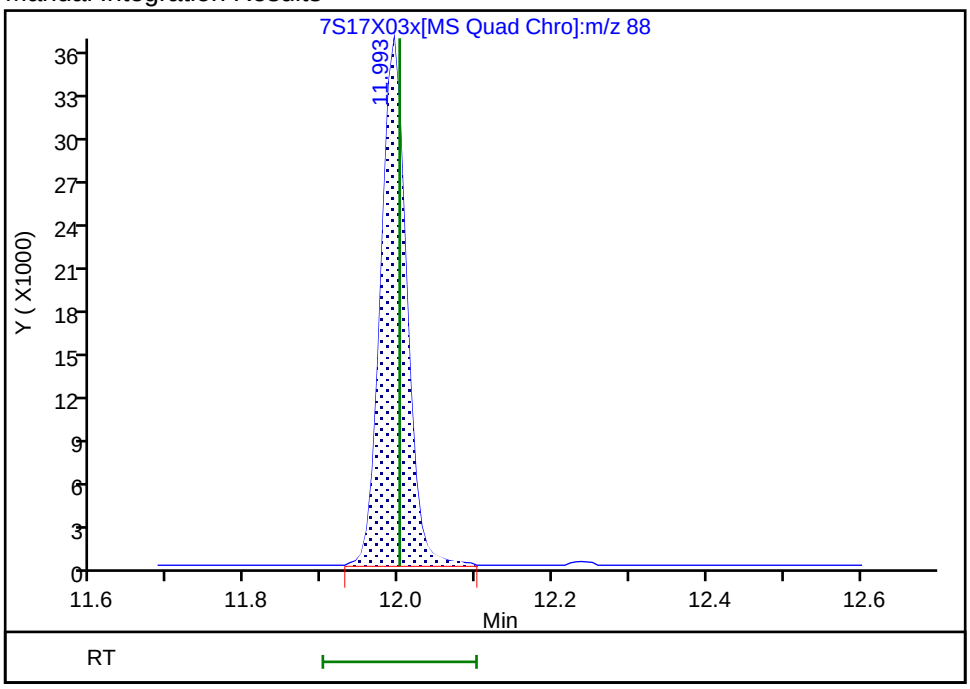
Processing Integration Results

RT: 11.99
Area: 86612
Amount: 6.800503
Amount Units: ppb v/v




Manual Integration Results

RT: 11.99
Area: 86141
Amount: 6.763521
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:04:32 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

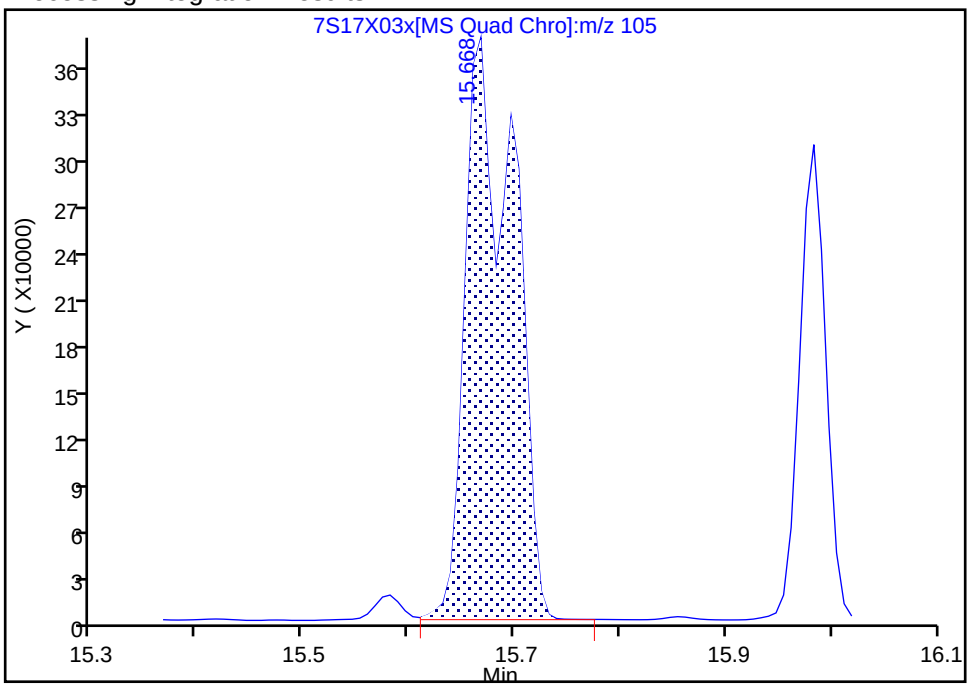
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

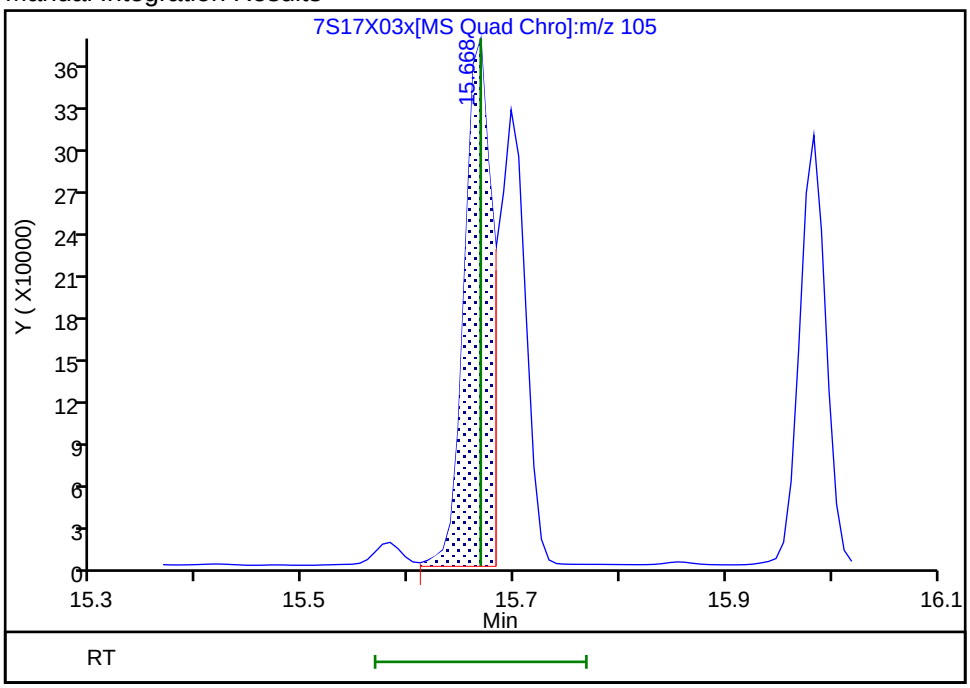
Processing Integration Results

RT: 15.67
Area: 1193133
Amount: 9.833605
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 648994
Amount: 5.348901
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:02:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

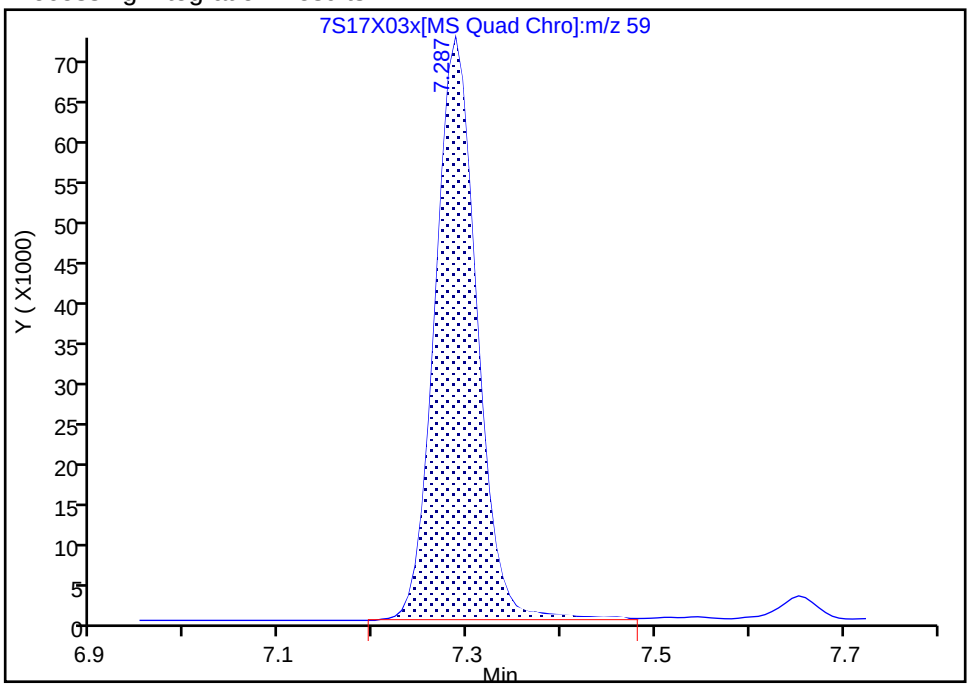
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

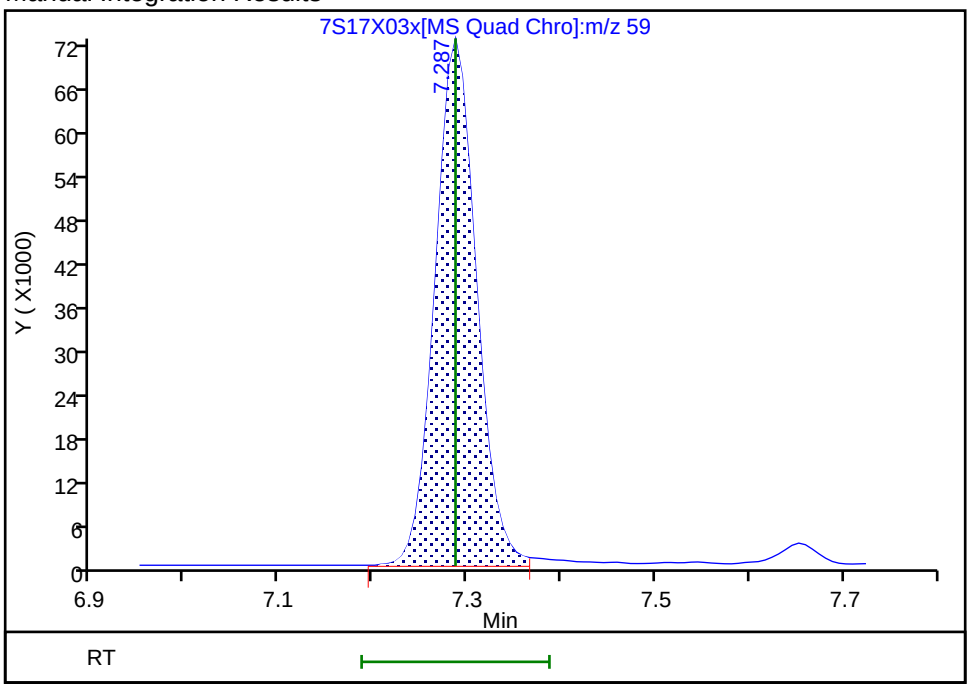
Processing Integration Results

RT: 7.29
Area: 224436
Amount: 7.950647
Amount Units: ppb v/v




Manual Integration Results

RT: 7.29
Area: 220637
Amount: 7.816068
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:04:20 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

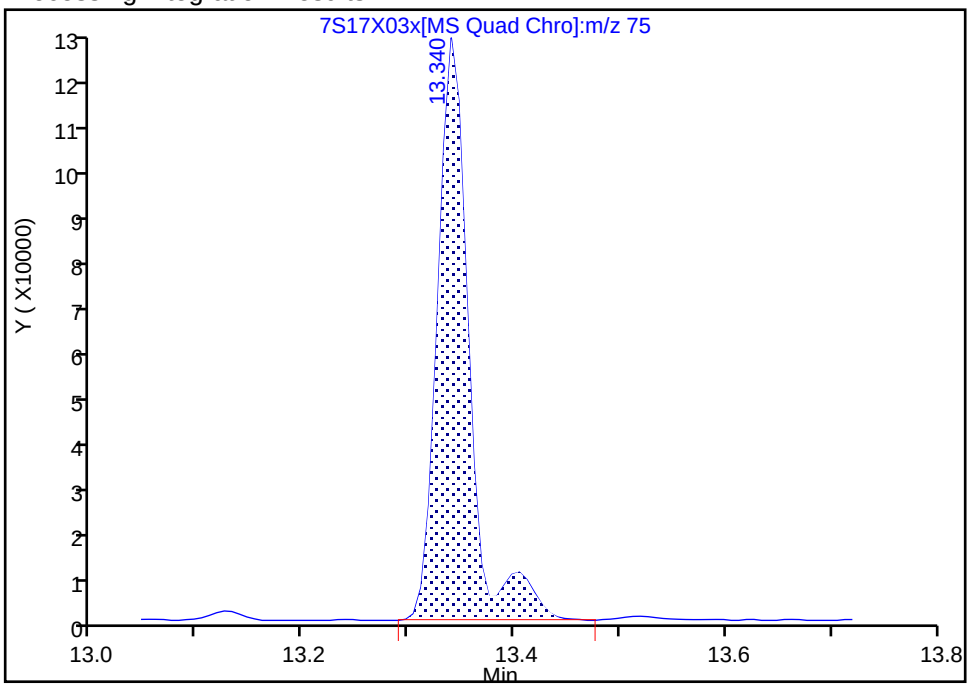
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250917-160073.b\7S17X03x.D | | | | |
| Injection Date: | 17-Sep-2025 22:27:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

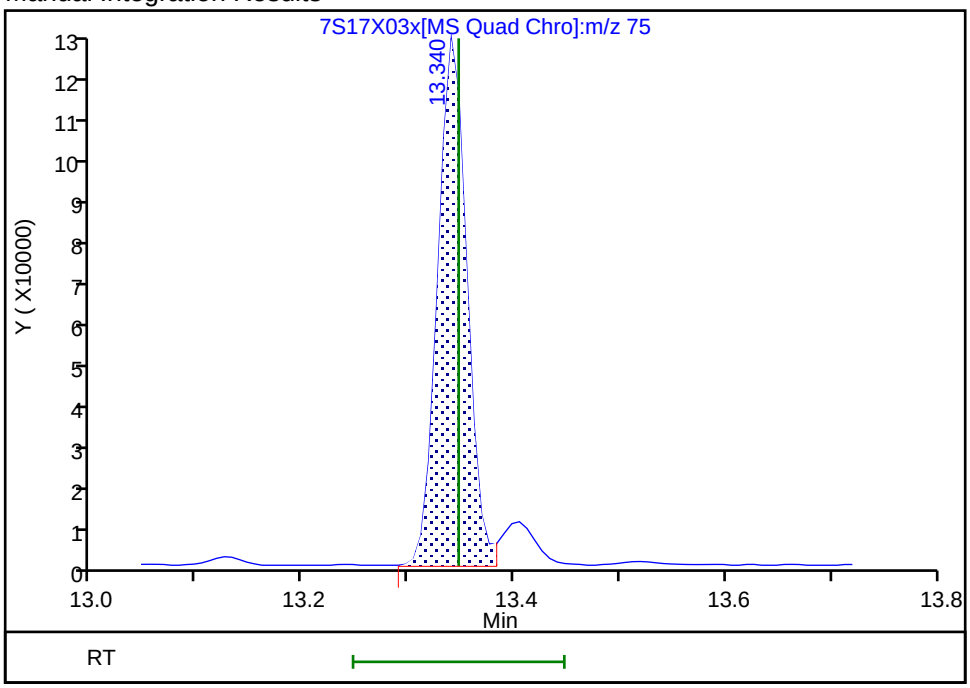
Processing Integration Results

RT: 13.34
Area: 262093
Amount: 6.002361
Amount Units: ppb v/v




Manual Integration Results

RT: 13.34
Area: 239814
Amount: 5.492135
Amount Units: ppb v/v




Reviewer: JXC9, 18-Sep-2025 15:02:15 -04:00:00 (UTC)

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

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004

Start Date: 09/07/2025 22:04

Analysis Batch Number: 695447

End Date: 09/08/2025 06:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-695447/1 | | 09/07/2025 22:04 | 1 | 7S07T01.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/3 | | 09/07/2025 22:59 | 1 | 7S07X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/4 | | 09/07/2025 23:25 | 1 | 7S07X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/5 | | 09/07/2025 23:52 | 1 | 7S07X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/07/2025 23:52 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/6 | | 09/08/2025 00:19 | 1 | 7S07X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/7 | | 09/08/2025 00:45 | 1 | 7S07X07.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-695447/8 | | 09/08/2025 01:12 | 1 | 7S07X08.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-695447/1008 | | 09/08/2025 01:12 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/9 | | 09/08/2025 01:42 | 1 | 7S07X09.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/10 | | 09/08/2025 02:10 | 1 | 7S07X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/11 | | 09/08/2025 02:41 | 1 | 7S07X11.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/08/2025 05:09 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-695447/17 | | 09/08/2025 05:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/08/2025 05:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-695447/18 | | 09/08/2025 06:05 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-334962-1

SDG No.:

Instrument ID: HP8R004  Start Date: 09/17/2025 15:12

Analysis Batch Number: 700672  End Date: 09/18/2025 14:50

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-700672/1 | | 09/17/2025 15:12 | 1 | 7S17T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-700672/3 | | 09/17/2025 20:59 | 1 | 7S17X07.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-700672/4 | | 09/17/2025 22:27 | 1 | 7S17X03x.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-700672/6 | | 09/17/2025 23:26 | 1 | 7S17X05x.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/18/2025 00:33 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 460-334962-1 | C241174_BL-IA01_MW16D 190 091325 | 09/18/2025 01:41 | 1 | 7S17X09x.D | Rtx-VMS 60m 0.25(mm) |
| 460-334962-2 | C241174_BL-AA01_MW16D 190 091325 | 09/18/2025 02:14 | 1 | 7S17X10x.D | Rtx-VMS 60m 0.25(mm) |
| 460-334962-3 | C241174_BL-IA01_MW30P 091325 | 09/18/2025 02:48 | 1 | 7S17X11x.D | Rtx-VMS 60m 0.25(mm) |
| 460-334962-4 | C241174_BL-AA01_MW30D 091325 | 09/18/2025 03:22 | 1 | 7S17X12x.D | Rtx-VMS 60m 0.25(mm) |
| 460-334962-3 DL | C241174_BL-IA01_MW30P 091325 DL | 09/18/2025 08:36 | 10 | 7S17X15.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 09:56 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 10:51 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 11:25 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 11:59 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 12:33 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 13:07 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 13:34 | 4 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 14:03 | 4 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/18/2025 14:50 | 4 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-334962-1

SDG No.:

Batch Number: 695447  Batch Start Date: 09/07/25 22:04  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00096 | AIRCAL0.5 00151 | AIRCAL10.0 00619 | AIRCAL50.0 00191 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-695447/1 | | TO 15 LL | | | 200 mL | 200 mL | 20 mL | | | |
| IC 410-695447/3 | | TO 15 LL | | | 200 mL | 200 mL | | 10 mL | | |
| IC 410-695447/4 | | TO 15 LL | | | 200 mL | 200 mL | | 20 mL | | |
| IC 410-695447/5 | | TO 15 LL | | | 200 mL | 200 mL | | 80 mL | | |
| IC 410-695447/6 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| IC 410-695447/7 | | TO 15 LL | | | 200 mL | 200 mL | | | 20 mL | |
| ICISAV 410-695447/8 | | TO 15 LL | | | 200 mL | 200 mL | | | 100 mL | |
| IC 410-695447/9 | | TO 15 LL | | | 200 mL | 200 mL | | | 200 mL | |
| IC 410-695447/10 | | TO 15 LL | | | 200 mL | 200 mL | | | | 100 mL |
| IC 410-695447/11 | | TO 15 LL | | | 200 mL | 200 mL | | | | 200 mL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRIS200 ppb 00521 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-695447/1 | | TO 15 LL | | | | | | | | |
| IC 410-695447/3 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/4 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/5 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/6 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/7 | | TO 15 LL | | | 10 mL | | | | | |
| ICISAV 410-695447/8 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/9 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/10 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/11 | | TO 15 LL | | | 10 mL | | | | | |

| Batch Notes | |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-334962-1

SDG No.:

Batch Number: 695447  Batch Start Date: 09/07/25 22:04  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-334962-1

SDG No.:

Batch Number: 700672  Batch Start Date: 09/17/25 15:12  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00097 | AIRCAL10.0 00621 | AIRIS200 ppb 00524 | AIRLCS10.0 00567 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-700672/1 | | TO 15 LL | | | 200 mL | 200 mL | 100 mL | | | |
| CCVIS 410-700672/3 | | TO 15 LL | | | 200 mL | 200 mL | | 100 mL | 10 mL | |
| LCS 410-700672/4 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | 100 mL |
| MB 410-700672/6 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| 460-334962-A-1 | C241174_BL-IA01_MW16D190_091325 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-334962-A-2 | C241174_BL-AA01_MW16D190_091325 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-334962-A-3 | C241174_BL-IA01_MW30P_091325 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-334962-A-4 | C241174_BL-AA01_MW30P_091325 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-334962-A-3 | C241174_BL-IA01_MW30P_091325 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Summa Canister Dilution Worksheet

Client: Langan Engineering and Environmental Ser
Project/Site: ABC Block 26 - Air

Job No.: 460-334962-1

| Lab Sample ID | Canister Volume (L) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date | Analyst Initals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 460-334962-1 | 1 | -3.84 | 0.87 | 0.87 | 10.86 | 1.74 | 1.74 | | 1.99 | 1.99 | | 09/17/25 14:13 | L2TN |
| 460-334962-2 | 1 | -5.50 | 0.82 | 0.82 | 9.23 | 1.63 | 1.63 | | 1.99 | 1.99 | | 09/17/25 14:18 | L2TN |
| 460-334962-3 | 1 | -6.19 | 0.79 | 0.79 | 8.54 | 1.58 | 1.58 | | 1.99 | 1.99 | | 09/17/25 14:19 | L2TN |
| 460-334962-4 | 1 | -6.50 | 0.78 | 0.78 | 8.26 | 1.56 | 1.56 | | 2.00 | 2.00 | | 09/17/25 14:20 | L2TN |

**Formulae:**

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

**Where:**

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

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X03.D

Lab ID: LCS 410-683384/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 10.06 | 101 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.979 | 100 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 12.07 | 121 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 10.14 | 101 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.85 | 109 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.93 | 109 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 11.12 | 111 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 12.18 | 122 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 10.88 | 109 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.807 | 98 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 11.88 | 119 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 10.94 | 109 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.544 | 95 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 10.65 | 106 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.03 | 110 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 20.09 | 100 | 70-130 | |
| 1,3-Butadiene | 10.0 | 10.28 | 103 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 10.66 | 107 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.36 | 104 | 64-137 | |
| 2-Butanone | 10.0 | 9.889 | 99 | 70-130 | |
| 2-Hexanone | 10.0 | 12.81 | 128 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 19.61 | 98 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.72 | 107 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 11.34 | 113 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 11.27 | 113 | 68-133 | |
| Acetone | 10.0 | 10.65 | 107 | 70-137 | |
| Benzene | 10.0 | 10.35 | 103 | 70-130 | |
| Bromobenzene | 10.0 | 9.702 | 97 | 70-130 | |
| Bromodichloromethane | 10.0 | 10.07 | 101 | 70-130 | |
| Bromoform | 10.0 | 10.23 | 102 | 60-139 | |
| Bromomethane | 10.0 | 9.698 | 97 | 70-140 | |
| Carbon disulfide | 10.0 | 10.03 | 100 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.173 | 92 | 70-130 | |
| Chlorobenzene | 10.0 | 9.734 | 97 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.98 | 130 | 70-132 | |
| Chloroethane | 10.0 | 11.02 | 110 | 70-131 | |
| Chloroform | 10.0 | 10.07 | 101 | 70-130 | |
| Chloromethane | 10.0 | 12.58 | 126 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.16 | 102 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 9.218 | 92 | 70-130 | |
| Bromoethene | 10.0 | 9.698 | 97 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X03.D

Lab ID: LCS 410-683384/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 9.681 | 97 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.604 | 96 | 70-130 | |
| Dibromomethane | 10.0 | 9.082 | 91 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.23 | 102 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 11.25 | 112 | 70-136 | |
| Ethylbenzene | 10.0 | 10.06 | 101 | 70-130 | |
| Freon 113 | 10.0 | 10.71 | 107 | 70-130 | |
| Freon-114 | 10.0 | 11.59 | 116 | 70-130 | |
| Heptane | 10.0 | 9.743 | 97 | 70-130 | |
| Hexachloroethane | 10.0 | 10.72 | 107 | 20-163 | |
| Hexane | 10.0 | 10.44 | 104 | 61-130 | |
| Isooctane | 10.0 | 10.91 | 109 | 70-130 | |
| m&p-Xylene | 10.0 | 10.99 | 110 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.432 | 94 | 70-130 | |
| Methylene Chloride | 10.0 | 11.39 | 114 | 70-130 | |
| o-Xylene | 10.0 | 10.05 | 101 | 70-130 | |
| Octane | 10.0 | 10.34 | 103 | 64-130 | |
| Pentane | 10.0 | 11.01 | 110 | 58-130 | |
| Styrene | 10.0 | 10.02 | 100 | 70-133 | |
| Tetrachloroethene | 10.0 | 9.143 | 91 | 70-140 | |
| Toluene | 10.0 | 10.11 | 101 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.928 | 99 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 10.39 | 104 | 70-130 | |
| Trichloroethene | 10.0 | 9.263 | 93 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.610 | 96 | 70-130 | |
| Vinyl chloride | 10.0 | 12.37 | 124 | 70-135 | |
| Isopropanol | 10.0 | 9.080 | 91 | 62-135 | |
| Naphthalene | 11.6 | 12.56 | 108 | 22-139 | |
| Xylenes, Total | 20.0 | 21.04 | 105 | 70-130 | |
| Methyl acrylate | 10.0 | 10.32 | 103 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.52 | 105 | 54-143 | |
| Ethyl acetate | 10.0 | 9.142 | 91 | 70-130 | |
| Methyl methacrylate | 10.0 | 10.11 | 101 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.32 | 93 | 50-130 | |
| Benzyl chloride | 10.0 | 9.767 | 98 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 12.71 | 127 | 40-157 | |
| n-Butylbenzene | 10.0 | 11.43 | 114 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.708 | 97 | 70-130 | |
| Acetonitrile | 10.0 | 14.40 | 144 | 59-143 | *+ |
| Propene | 10.0 | 12.42 | 124 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.24 | 122 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X03.D

Lab ID: LCS 410-683384/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.27 | 103 | 70-130 | |
| Acrylonitrile | 10.0 | 11.40 | 114 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.77 | 108 | 56-144 | |
| Ethyl methacrylate | 10.0 | 11.07 | 111 | 67-130 | |
| sec-Butylbenzene | 10.0 | 11.04 | 110 | 66-141 | |
| N-Propylbenzene | 10.0 | 9.697 | 97 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.838 | 98 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.63 | 116 | 70-130 | |
| Cyclohexane | 10.0 | 10.21 | 102 | 61-130 | |
| Acrolein | 11.3 | 11.35 | 100 | 70-135 | |
| Ethanol | 10.0 | 16.91 | 169 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 11.17 | 112 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.81 | 118 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 10.28 | 103 | 70-130 | |
| Vinyl acetate | 10.0 | 9.647 | 96 | 70-137 | |
| tert-Butylbenzene | 10.0 | 11.06 | 111 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X04.D

Lab ID: LCSD 410-683384/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.928 | 99 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.957 | 100 | 0 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 11.96 | 120 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 10.05 | 101 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.66 | 107 | 2 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.86 | 109 | 1 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 11.04 | 110 | 1 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 12.18 | 122 | 0 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 10.78 | 108 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.632 | 96 | 2 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 11.71 | 117 | 1 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 10.94 | 109 | 0 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.445 | 94 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 10.46 | 105 | 2 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.68 | 107 | 3 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 20.03 | 100 | 0 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 10.18 | 102 | 1 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 10.54 | 105 | 1 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.24 | 102 | 1 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.612 | 96 | 3 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 12.49 | 125 | 3 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 19.61 | 98 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.65 | 107 | 1 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 11.36 | 114 | 0 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 11.31 | 113 | 0 | 25 | 68-133 | |
| Acetone | 10.0 | 10.52 | 105 | 1 | 25 | 70-137 | |
| Benzene | 10.0 | 10.45 | 104 | 1 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 9.477 | 95 | 2 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.993 | 100 | 1 | 25 | 70-130 | |
| Bromoform | 10.0 | 10.13 | 101 | 1 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.912 | 99 | 2 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.911 | 99 | 1 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.127 | 91 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 9.482 | 95 | 3 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.80 | 128 | 1 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.73 | 107 | 3 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.998 | 100 | 1 | 25 | 70-130 | |
| Chloromethane | 10.0 | 12.42 | 124 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.19 | 102 | 0 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 9.243 | 92 | 0 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.554 | 96 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X04.D

Lab ID: LCSD 410-683384/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 9.638 | 96 | 0 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.465 | 95 | 1 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 9.018 | 90 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.09 | 101 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 11.22 | 112 | 0 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.953 | 100 | 1 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.70 | 107 | 0 | 25 | 70-130 | |
| Freon-114 | 10.0 | 11.40 | 114 | 2 | 25 | 70-130 | |
| Heptane | 10.0 | 9.806 | 98 | 1 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 10.43 | 104 | 3 | 25 | 20-163 | |
| Hexane | 10.0 | 10.25 | 103 | 2 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.90 | 109 | 0 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 11.02 | 110 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.392 | 94 | 0 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 11.29 | 113 | 1 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.02 | 100 | 0 | 25 | 70-130 | |
| Octane | 10.0 | 10.23 | 102 | 1 | 25 | 64-130 | |
| Pentane | 10.0 | 10.91 | 109 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 9.926 | 99 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 9.024 | 90 | 1 | 25 | 70-140 | |
| Toluene | 10.0 | 9.991 | 100 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.839 | 98 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 10.37 | 104 | 0 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 9.271 | 93 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.502 | 95 | 1 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 12.30 | 123 | 1 | 25 | 70-135 | |
| Isopropanol | 10.0 | 9.150 | 91 | 1 | 25 | 62-135 | |
| Naphthalene | 11.6 | 12.70 | 109 | 1 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 21.04 | 105 | 0 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 10.28 | 103 | 0 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.45 | 105 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 9.039 | 90 | 1 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 10.25 | 103 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.24 | 92 | 1 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 9.670 | 97 | 1 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 12.60 | 126 | 1 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 11.32 | 113 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.572 | 96 | 1 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 14.20 | 142 | 1 | 25 | 59-143 | |
| Propene | 10.0 | 12.35 | 123 | 1 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.08 | 121 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G10X04.D

Lab ID: LCSD 410-683384/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.31 | 103 | 0 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 11.37 | 114 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.62 | 106 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 11.08 | 111 | 0 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 10.95 | 110 | 1 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 9.686 | 97 | 0 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.889 | 99 | 1 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.62 | 116 | 0 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 10.19 | 102 | 0 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.41 | 101 | 1 | 25 | 70-135 | |
| Ethanol | 10.0 | 15.92 | 159 | 6 | 25 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 11.00 | 110 | 2 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.77 | 118 | 0 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 10.34 | 103 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.885 | 99 | 2 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 10.92 | 109 | 1 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.081 | 91 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.385 | 94 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.06 | 101 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.166 | 92 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.872 | 99 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.30 | 103 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.618 | 96 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 7.798 | 78 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.065 | 91 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.893 | 89 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.597 | 86 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.685 | 87 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.807 | 88 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.653 | 97 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.10 | 101 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.04 | 95 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.625 | 96 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.670 | 87 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.457 | 85 | 64-137 | |
| 2-Butanone | 10.0 | 9.189 | 92 | 70-130 | |
| 2-Hexanone | 10.0 | 11.50 | 115 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.21 | 91 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.870 | 99 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.407 | 94 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.16 | 102 | 68-133 | |
| Acetone | 10.0 | 9.673 | 97 | 70-137 | |
| Benzene | 10.0 | 10.71 | 107 | 70-130 | |
| Bromobenzene | 10.0 | 8.426 | 84 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.146 | 91 | 70-130 | |
| Bromoform | 10.0 | 8.768 | 88 | 60-139 | |
| Bromomethane | 10.0 | 9.160 | 92 | 70-140 | |
| Carbon disulfide | 10.0 | 9.343 | 93 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.694 | 87 | 70-130 | |
| Chlorobenzene | 10.0 | 8.948 | 89 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.87 | 119 | 70-132 | |
| Chloroethane | 10.0 | 10.31 | 103 | 70-131 | |
| Chloroform | 10.0 | 9.399 | 94 | 70-130 | |
| Chloromethane | 10.0 | 11.51 | 115 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.676 | 97 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.616 | 86 | 70-130 | |
| Bromoethene | 10.0 | 9.379 | 94 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 8.808 | 88 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.566 | 86 | 70-130 | |
| Dibromomethane | 10.0 | 8.326 | 83 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.570 | 96 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.47 | 105 | 70-136 | |
| Ethylbenzene | 10.0 | 10.28 | 103 | 70-130 | |
| Freon 113 | 10.0 | 10.10 | 101 | 70-130 | |
| Freon-114 | 10.0 | 10.81 | 108 | 70-130 | |
| Heptane | 10.0 | 9.284 | 93 | 70-130 | |
| Hexachloroethane | 10.0 | 7.986 | 80 | 20-163 | |
| Hexane | 10.0 | 10.75 | 107 | 61-130 | |
| Isooctane | 10.0 | 10.04 | 100 | 70-130 | |
| m&p-Xylene | 10.0 | 12.55 | 126 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.897 | 99 | 70-130 | |
| Methylene Chloride | 10.0 | 10.91 | 109 | 70-130 | |
| o-Xylene | 10.0 | 10.12 | 101 | 70-130 | |
| Octane | 10.0 | 10.48 | 105 | 64-130 | |
| Pentane | 10.0 | 11.29 | 113 | 58-130 | |
| Styrene | 10.0 | 9.027 | 90 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.647 | 86 | 70-140 | |
| Toluene | 10.0 | 10.54 | 105 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.367 | 94 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.591 | 96 | 70-130 | |
| Trichloroethene | 10.0 | 8.875 | 89 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.084 | 91 | 70-130 | |
| Vinyl chloride | 10.0 | 11.60 | 116 | 70-135 | |
| Isopropanol | 10.0 | 8.976 | 90 | 62-135 | |
| Naphthalene | 11.6 | 8.368 | 72 | 22-139 | |
| Xylenes, Total | 20.0 | 22.67 | 113 | 70-130 | |
| Methyl acrylate | 10.0 | 9.744 | 97 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.737 | 97 | 54-143 | |
| Ethyl acetate | 10.0 | 8.678 | 87 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.536 | 95 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.07 | 91 | 50-130 | |
| Benzyl chloride | 10.0 | 7.529 | 75 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.050 | 80 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.200 | 92 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.543 | 85 | 70-130 | |
| Acetonitrile | 10.0 | 13.27 | 133 | 59-143 | |
| Propene | 10.0 | 11.76 | 118 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.50 | 115 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.466 | 95 | 70-130 | |
| Acrylonitrile | 10.0 | 10.74 | 107 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.216 | 92 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.35 | 103 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.445 | 94 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.581 | 86 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.375 | 94 | 64-131 | |
| di-Isopropyl ether | 10.0 | 10.69 | 107 | 70-130 | |
| Cyclohexane | 10.0 | 9.592 | 96 | 61-130 | |
| Acrolein | 11.3 | 10.84 | 96 | 70-135 | |
| Ethanol | 10.0 | 15.33 | 153 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.331 | 93 | 60-148 | |
| Ethyl acrylate | 10.0 | 10.93 | 109 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.518 | 95 | 70-130 | |
| Vinyl acetate | 10.0 | 9.519 | 95 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.480 | 95 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.030 | 90 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.304 | 93 | 1 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.995 | 100 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.230 | 92 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.939 | 99 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.26 | 103 | 0 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.636 | 96 | 0 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 7.855 | 79 | 1 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.200 | 92 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.958 | 90 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.596 | 86 | 0 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.738 | 87 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.712 | 87 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.662 | 97 | 0 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 8.522 | 85 | 17 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 18.84 | 94 | 1 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.627 | 96 | 0 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.641 | 86 | 0 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.436 | 84 | 0 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.257 | 93 | 1 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 11.49 | 115 | 0 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.14 | 91 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.885 | 99 | 0 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.108 | 91 | 3 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.21 | 102 | 1 | 25 | 68-133 | |
| Acetone | 10.0 | 9.501 | 95 | 2 | 25 | 70-137 | |
| Benzene | 10.0 | 10.70 | 107 | 0 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 8.393 | 84 | 0 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.170 | 92 | 0 | 25 | 70-130 | |
| Bromoform | 10.0 | 8.741 | 87 | 0 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.115 | 91 | 0 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.331 | 93 | 0 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.590 | 86 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 8.941 | 89 | 0 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.82 | 118 | 0 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.11 | 101 | 2 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.404 | 94 | 0 | 25 | 70-130 | |
| Chloromethane | 10.0 | 11.66 | 117 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.591 | 96 | 1 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.499 | 85 | 1 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.314 | 93 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 8.790 | 88 | 0 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.650 | 86 | 1 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 8.404 | 84 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.430 | 94 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.49 | 105 | 0 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 10.20 | 102 | 1 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.08 | 101 | 0 | 25 | 70-130 | |
| Freon-114 | 10.0 | 10.77 | 108 | 0 | 25 | 70-130 | |
| Heptane | 10.0 | 9.262 | 93 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 7.999 | 80 | 0 | 25 | 20-163 | |
| Hexane | 10.0 | 10.73 | 107 | 0 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.05 | 100 | 0 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 12.53 | 125 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.860 | 99 | 0 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 10.89 | 109 | 0 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.16 | 102 | 0 | 25 | 70-130 | |
| Octane | 10.0 | 10.46 | 105 | 0 | 25 | 64-130 | |
| Pentane | 10.0 | 11.38 | 114 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 9.097 | 91 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.752 | 88 | 1 | 25 | 70-140 | |
| Toluene | 10.0 | 10.44 | 104 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.252 | 93 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.641 | 96 | 1 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.860 | 89 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.005 | 90 | 1 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.38 | 114 | 2 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.670 | 87 | 3 | 25 | 62-135 | |
| Naphthalene | 11.6 | 8.492 | 73 | 1 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 22.69 | 113 | 0 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 9.751 | 98 | 0 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.870 | 99 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.720 | 87 | 0 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.593 | 96 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 9.788 | 88 | 3 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 7.704 | 77 | 2 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.129 | 81 | 1 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.143 | 91 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.500 | 85 | 1 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 13.48 | 135 | 2 | 25 | 59-143 | |
| Propene | 10.0 | 11.63 | 116 | 1 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.49 | 115 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.594 | 96 | 1 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 10.71 | 107 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.339 | 93 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.34 | 103 | 0 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.425 | 94 | 0 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.545 | 85 | 0 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.329 | 93 | 0 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 10.71 | 107 | 0 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.532 | 95 | 1 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.01 | 97 | 2 | 25 | 70-135 | |
| Ethanol | 10.0 | 15.37 | 154 | 0 | 25 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.305 | 93 | 0 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.03 | 110 | 1 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.579 | 96 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.673 | 97 | 2 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.341 | 93 | 1 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.081 | 91 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.385 | 94 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.06 | 101 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.166 | 92 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.872 | 99 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.30 | 103 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.618 | 96 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 7.798 | 78 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.065 | 91 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.893 | 89 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.597 | 86 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.685 | 87 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.807 | 88 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.653 | 97 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.10 | 101 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.04 | 95 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.625 | 96 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.670 | 87 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.457 | 85 | 64-137 | |
| 2-Butanone | 10.0 | 9.189 | 92 | 70-130 | |
| 2-Hexanone | 10.0 | 11.50 | 115 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.21 | 91 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.870 | 99 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.407 | 94 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.16 | 102 | 68-133 | |
| Acetone | 10.0 | 9.673 | 97 | 70-137 | |
| Benzene | 10.0 | 10.71 | 107 | 70-130 | |
| Bromobenzene | 10.0 | 8.426 | 84 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.146 | 91 | 70-130 | |
| Bromoform | 10.0 | 8.768 | 88 | 60-139 | |
| Bromomethane | 10.0 | 9.160 | 92 | 70-140 | |
| Carbon disulfide | 10.0 | 9.343 | 93 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.694 | 87 | 70-130 | |
| Chlorobenzene | 10.0 | 8.948 | 89 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.87 | 119 | 70-132 | |
| Chloroethane | 10.0 | 10.31 | 103 | 70-131 | |
| Chloroform | 10.0 | 9.399 | 94 | 70-130 | |
| Chloromethane | 10.0 | 11.51 | 115 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.676 | 97 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.616 | 86 | 70-130 | |
| Bromoethene | 10.0 | 9.379 | 94 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 8.808 | 88 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.566 | 86 | 70-130 | |
| Dibromomethane | 10.0 | 8.326 | 83 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.570 | 96 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.47 | 105 | 70-136 | |
| Ethylbenzene | 10.0 | 10.28 | 103 | 70-130 | |
| Freon 113 | 10.0 | 10.10 | 101 | 70-130 | |
| Freon-114 | 10.0 | 10.81 | 108 | 70-130 | |
| Heptane | 10.0 | 9.284 | 93 | 70-130 | |
| Hexachloroethane | 10.0 | 7.986 | 80 | 20-163 | |
| Hexane | 10.0 | 10.75 | 107 | 61-130 | |
| Isooctane | 10.0 | 10.04 | 100 | 70-130 | |
| m&p-Xylene | 10.0 | 12.55 | 126 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.897 | 99 | 70-130 | |
| Methylene Chloride | 10.0 | 10.91 | 109 | 70-130 | |
| o-Xylene | 10.0 | 10.12 | 101 | 70-130 | |
| Octane | 10.0 | 10.48 | 105 | 64-130 | |
| Pentane | 10.0 | 11.29 | 113 | 58-130 | |
| Styrene | 10.0 | 9.027 | 90 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.647 | 86 | 70-140 | |
| Toluene | 10.0 | 10.54 | 105 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.367 | 94 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.591 | 96 | 70-130 | |
| Trichloroethene | 10.0 | 8.875 | 89 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.084 | 91 | 70-130 | |
| Vinyl chloride | 10.0 | 11.60 | 116 | 70-135 | |
| Isopropanol | 10.0 | 8.976 | 90 | 62-135 | |
| Naphthalene | 11.6 | 8.368 | 72 | 22-139 | |
| Xylenes, Total | 20.0 | 22.67 | 113 | 70-130 | |
| Methyl acrylate | 10.0 | 9.744 | 97 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.737 | 97 | 54-143 | |
| Ethyl acetate | 10.0 | 8.678 | 87 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.536 | 95 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.07 | 91 | 50-130 | |
| Benzyl chloride | 10.0 | 7.529 | 75 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.050 | 80 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.200 | 92 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.543 | 85 | 70-130 | |
| Acetonitrile | 10.0 | 13.27 | 133 | 59-143 | |
| Propene | 10.0 | 11.76 | 118 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.50 | 115 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X03.D

Lab ID: LCS 410-685302/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.466 | 95 | 70-130 | |
| Acrylonitrile | 10.0 | 10.74 | 107 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.216 | 92 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.35 | 103 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.445 | 94 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.581 | 86 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.375 | 94 | 64-131 | |
| di-Isopropyl ether | 10.0 | 10.69 | 107 | 70-130 | |
| Cyclohexane | 10.0 | 9.592 | 96 | 61-130 | |
| Acrolein | 11.3 | 10.84 | 96 | 70-135 | |
| Ethanol | 10.0 | 15.33 | 153 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.331 | 93 | 60-148 | |
| Ethyl acrylate | 10.0 | 10.93 | 109 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.518 | 95 | 70-130 | |
| Vinyl acetate | 10.0 | 9.519 | 95 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.480 | 95 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.030 | 90 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.304 | 93 | 1 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.995 | 100 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.230 | 92 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.939 | 99 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.26 | 103 | 0 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.636 | 96 | 0 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 7.855 | 79 | 1 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.200 | 92 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.958 | 90 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.596 | 86 | 0 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.738 | 87 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.712 | 87 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.662 | 97 | 0 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 8.522 | 85 | 17 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 18.84 | 94 | 1 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.627 | 96 | 0 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.641 | 86 | 0 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.436 | 84 | 0 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.257 | 93 | 1 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 11.49 | 115 | 0 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.14 | 91 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.885 | 99 | 0 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.108 | 91 | 3 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.21 | 102 | 1 | 25 | 68-133 | |
| Acetone | 10.0 | 9.501 | 95 | 2 | 25 | 70-137 | |
| Benzene | 10.0 | 10.70 | 107 | 0 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 8.393 | 84 | 0 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.170 | 92 | 0 | 25 | 70-130 | |
| Bromoform | 10.0 | 8.741 | 87 | 0 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.115 | 91 | 0 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.331 | 93 | 0 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.590 | 86 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 8.941 | 89 | 0 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.82 | 118 | 0 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.11 | 101 | 2 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.404 | 94 | 0 | 25 | 70-130 | |
| Chloromethane | 10.0 | 11.66 | 117 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.591 | 96 | 1 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.499 | 85 | 1 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.314 | 93 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 8.790 | 88 | 0 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.650 | 86 | 1 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 8.404 | 84 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.430 | 94 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.49 | 105 | 0 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 10.20 | 102 | 1 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.08 | 101 | 0 | 25 | 70-130 | |
| Freon-114 | 10.0 | 10.77 | 108 | 0 | 25 | 70-130 | |
| Heptane | 10.0 | 9.262 | 93 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 7.999 | 80 | 0 | 25 | 20-163 | |
| Hexane | 10.0 | 10.73 | 107 | 0 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.05 | 100 | 0 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 12.53 | 125 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.860 | 99 | 0 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 10.89 | 109 | 0 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.16 | 102 | 0 | 25 | 70-130 | |
| Octane | 10.0 | 10.46 | 105 | 0 | 25 | 64-130 | |
| Pentane | 10.0 | 11.38 | 114 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 9.097 | 91 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.752 | 88 | 1 | 25 | 70-140 | |
| Toluene | 10.0 | 10.44 | 104 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.252 | 93 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.641 | 96 | 1 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.860 | 89 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.005 | 90 | 1 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.38 | 114 | 2 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.670 | 87 | 3 | 25 | 62-135 | |
| Naphthalene | 11.6 | 8.492 | 73 | 1 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 22.69 | 113 | 0 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 9.751 | 98 | 0 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.870 | 99 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.720 | 87 | 0 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.593 | 96 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 9.788 | 88 | 3 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 7.704 | 77 | 2 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.129 | 81 | 1 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.143 | 91 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.500 | 85 | 1 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 13.48 | 135 | 2 | 25 | 59-143 | |
| Propene | 10.0 | 11.63 | 116 | 1 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.49 | 115 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G14X04.D

Lab ID: LCSD 410-685302/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.594 | 96 | 1 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 10.71 | 107 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.339 | 93 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.34 | 103 | 0 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.425 | 94 | 0 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.545 | 85 | 0 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.329 | 93 | 0 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 10.71 | 107 | 0 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.532 | 95 | 1 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.01 | 97 | 2 | 25 | 70-135 | |
| Ethanol | 10.0 | 15.37 | 154 | 0 | 25 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.305 | 93 | 0 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.03 | 110 | 1 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.579 | 96 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.673 | 97 | 2 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.341 | 93 | 1 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X08.D

Lab ID: LCS 410-685905/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.121 | 91 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.418 | 94 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.24 | 102 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.353 | 94 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.18 | 102 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.42 | 104 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.752 | 98 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.130 | 81 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.274 | 93 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.988 | 90 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.823 | 88 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.907 | 89 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.911 | 89 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.757 | 98 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.945 | 99 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.20 | 96 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.647 | 96 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.850 | 88 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.537 | 85 | 64-137 | |
| 2-Butanone | 10.0 | 9.358 | 94 | 70-130 | |
| 2-Hexanone | 10.0 | 11.61 | 116 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.27 | 91 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.985 | 100 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.687 | 97 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.42 | 104 | 68-133 | |
| Acetone | 10.0 | 9.878 | 99 | 70-137 | |
| Benzene | 10.0 | 10.83 | 108 | 70-130 | |
| Bromobenzene | 10.0 | 8.469 | 85 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.267 | 93 | 70-130 | |
| Bromoform | 10.0 | 8.810 | 88 | 60-139 | |
| Bromomethane | 10.0 | 9.349 | 93 | 70-140 | |
| Carbon disulfide | 10.0 | 9.507 | 95 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.694 | 87 | 70-130 | |
| Chlorobenzene | 10.0 | 8.960 | 90 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.20 | 122 | 70-132 | |
| Chloroethane | 10.0 | 10.50 | 105 | 70-131 | |
| Chloroform | 10.0 | 9.448 | 94 | 70-130 | |
| Chloromethane | 10.0 | 11.85 | 119 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.776 | 98 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.684 | 87 | 70-130 | |
| Bromoethene | 10.0 | 9.452 | 95 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X08.D

Lab ID: LCS 410-685905/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 8.867 | 89 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.696 | 87 | 70-130 | |
| Dibromomethane | 10.0 | 8.521 | 85 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.633 | 96 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.60 | 106 | 70-136 | |
| Ethylbenzene | 10.0 | 10.30 | 103 | 70-130 | |
| Freon 113 | 10.0 | 10.11 | 101 | 70-130 | |
| Freon-114 | 10.0 | 10.90 | 109 | 70-130 | |
| Heptane | 10.0 | 9.474 | 95 | 70-130 | |
| Hexachloroethane | 10.0 | 7.991 | 80 | 20-163 | |
| Hexane | 10.0 | 10.95 | 109 | 61-130 | |
| Isooctane | 10.0 | 10.22 | 102 | 70-130 | |
| m&p-Xylene | 10.0 | 12.65 | 126 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 10.02 | 100 | 70-130 | |
| Methylene Chloride | 10.0 | 11.02 | 110 | 70-130 | |
| o-Xylene | 10.0 | 10.26 | 103 | 70-130 | |
| Octane | 10.0 | 10.66 | 107 | 64-130 | |
| Pentane | 10.0 | 11.64 | 116 | 58-130 | |
| Styrene | 10.0 | 9.178 | 92 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.861 | 89 | 70-140 | |
| Toluene | 10.0 | 10.54 | 105 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.426 | 94 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.589 | 96 | 70-130 | |
| Trichloroethene | 10.0 | 8.965 | 90 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.093 | 91 | 70-130 | |
| Vinyl chloride | 10.0 | 11.85 | 119 | 70-135 | |
| Isopropanol | 10.0 | 9.248 | 92 | 62-135 | |
| Naphthalene | 11.6 | 8.780 | 76 | 22-139 | |
| Xylenes, Total | 20.0 | 22.91 | 115 | 70-130 | |
| Methyl acrylate | 10.0 | 9.965 | 100 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.00 | 100 | 54-143 | |
| Ethyl acetate | 10.0 | 8.597 | 86 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.886 | 99 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.49 | 95 | 50-130 | |
| Benzyl chloride | 10.0 | 7.924 | 79 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.268 | 83 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.277 | 93 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.465 | 85 | 70-130 | |
| Acetonitrile | 10.0 | 13.93 | 139 | 59-143 | |
| Propene | 10.0 | 12.05 | 120 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.96 | 120 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X08.D

Lab ID: LCS 410-685905/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.526 | 95 | 70-130 | |
| Acrylonitrile | 10.0 | 10.91 | 109 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.462 | 95 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.39 | 104 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.509 | 95 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.720 | 87 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.555 | 96 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.00 | 110 | 70-130 | |
| Cyclohexane | 10.0 | 9.784 | 98 | 61-130 | |
| Acrolein | 11.3 | 10.70 | 95 | 70-135 | |
| Ethanol | 10.0 | 16.37 | 164 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.427 | 94 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.13 | 111 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.690 | 97 | 70-130 | |
| Vinyl acetate | 10.0 | 9.579 | 96 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.536 | 95 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X09.D

Lab ID: LCSD 410-685905/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.178 | 92 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.489 | 95 | 1 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.28 | 103 | 0 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.417 | 94 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.24 | 102 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.55 | 106 | 1 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.951 | 100 | 2 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.276 | 83 | 2 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.379 | 94 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.039 | 90 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.869 | 89 | 1 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.994 | 90 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.849 | 88 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.689 | 97 | 1 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.982 | 100 | 0 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.51 | 98 | 2 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.921 | 99 | 3 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.942 | 89 | 1 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.681 | 87 | 2 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.436 | 94 | 1 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 11.79 | 118 | 2 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.56 | 93 | 2 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.29 | 103 | 3 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.856 | 99 | 2 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.38 | 104 | 0 | 25 | 68-133 | |
| Acetone | 10.0 | 9.844 | 98 | 0 | 25 | 70-137 | |
| Benzene | 10.0 | 10.85 | 109 | 0 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 8.599 | 86 | 2 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.254 | 93 | 0 | 25 | 70-130 | |
| Bromoform | 10.0 | 8.985 | 90 | 2 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.465 | 95 | 1 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.591 | 96 | 1 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.806 | 88 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 9.055 | 91 | 1 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.31 | 123 | 1 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.52 | 105 | 0 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.571 | 96 | 1 | 25 | 70-130 | |
| Chloromethane | 10.0 | 12.00 | 120 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.968 | 100 | 2 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.804 | 88 | 1 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.658 | 97 | 2 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X09.D

Lab ID: LCSD 410-685905/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 8.948 | 89 | 1 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.847 | 88 | 2 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 8.457 | 85 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.743 | 97 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.64 | 106 | 0 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 10.48 | 105 | 2 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.30 | 103 | 2 | 25 | 70-130 | |
| Freon-114 | 10.0 | 11.10 | 111 | 2 | 25 | 70-130 | |
| Heptane | 10.0 | 9.457 | 95 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 8.106 | 81 | 1 | 25 | 20-163 | |
| Hexane | 10.0 | 11.10 | 111 | 1 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.29 | 103 | 1 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 12.86 | 129 | 2 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 10.17 | 102 | 2 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 11.19 | 112 | 2 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.41 | 104 | 1 | 25 | 70-130 | |
| Octane | 10.0 | 10.74 | 107 | 1 | 25 | 64-130 | |
| Pentane | 10.0 | 11.81 | 118 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 9.285 | 93 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.892 | 89 | 0 | 25 | 70-140 | |
| Toluene | 10.0 | 10.60 | 106 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.538 | 95 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.753 | 98 | 2 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.922 | 89 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.265 | 93 | 2 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.89 | 119 | 0 | 25 | 70-135 | |
| Isopropanol | 10.0 | 9.146 | 91 | 1 | 25 | 62-135 | |
| Naphthalene | 11.6 | 8.885 | 77 | 1 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 23.27 | 116 | 2 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 10.05 | 100 | 1 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.09 | 101 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.958 | 90 | 4 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.887 | 99 | 0 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.34 | 93 | 1 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 7.968 | 80 | 1 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.443 | 84 | 2 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.439 | 94 | 2 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.597 | 86 | 2 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 14.23 | 142 | 2 | 25 | 59-143 | |
| Propene | 10.0 | 12.17 | 122 | 1 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.81 | 118 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G15X09.D

Lab ID: LCSD 410-685905/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.684 | 97 | 2 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 11.22 | 112 | 3 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.391 | 94 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.65 | 106 | 2 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.680 | 97 | 2 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.791 | 88 | 1 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.627 | 96 | 1 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.06 | 111 | 1 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.988 | 100 | 2 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.08 | 98 | 3 | 25 | 70-135 | |
| Ethanol | 10.0 | 16.56 | 166 | 1 | 25 | 62-150 | *+ |
| p-Isopropyltoluene | 10.0 | 9.560 | 96 | 1 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.12 | 111 | 0 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.754 | 98 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.601 | 96 | 0 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.742 | 97 | 2 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab File ID: 7G10X06.D  Lab Sample ID: MB 410-683384/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/11/2025 00:23

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-683384/4 | 7G10X03.D | 08/10/2025 22:56 |
| | LCSD 410-683384/5 | 7G10X04.D | 08/10/2025 23:25 |
| 1929 | 410-236820-1 | 7G10X13.D | 08/11/2025 11:17 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-683384/7

Matrix: Air  Lab File ID: 7G10X06.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/11/2025 00:23

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-683384/7

Matrix: Air
Lab File ID: 7G10X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 00:23

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-683384/7

Matrix: Air
Lab File ID: 7G10X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 00:23

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-683384/7

Matrix: Air
Lab File ID: 7G10X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 00:23

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Aug-2025 00:23:56 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0156120-007
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 20:05:41 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: JXC9 Date: 12-Aug-2025 20:15:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.392 | 6.370 | 0.022 | 92 | 24428 | | 0.4186 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 95 | 562610 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.525 | 0.014 | 60 | 737004 | 10.0 | 10.2 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.212 | 0.015 | 94 | 2004796 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.053 | 0.007 | 94 | 2177820 | 10.0 | 10.1 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.464 | 0.008 | 86 | 1914582 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend
Processing Flags

## Reagents:
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 20:15:25 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X06.D

Injection Date: 11-Aug-2025 00:23:56 Instrument ID: HP8R004

Lims ID: MB

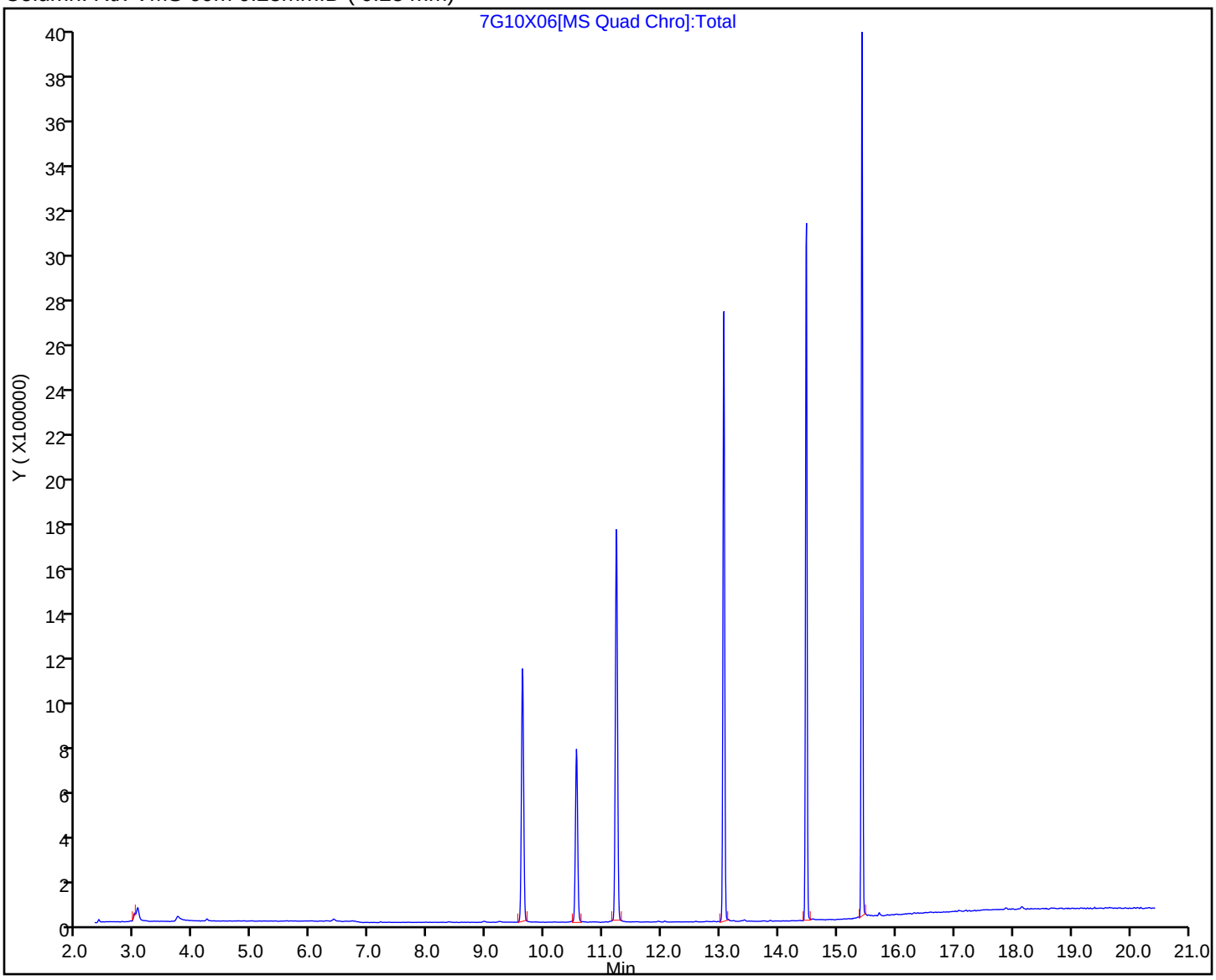
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

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



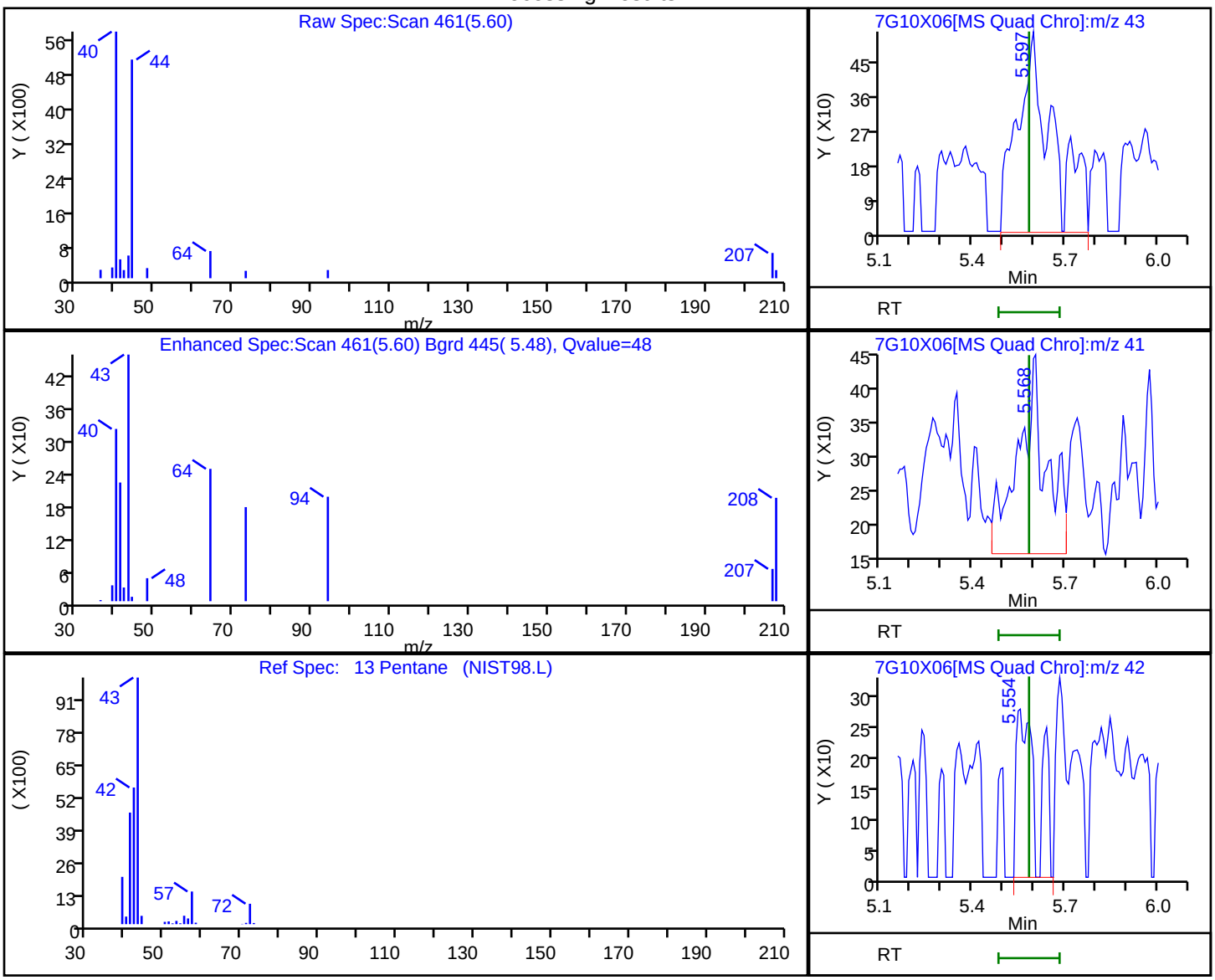
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X06.D | | | | |
| Injection Date: | 11-Aug-2025 00:23:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 13 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.60 | 43.00 | 4310 | 0.068269 |
| 5.57 | 41.00 | 1852 | |
| 5.55 | 42.00 | 1267 | |

Reviewer: D7UM, 11-Aug-2025 07:16:22 -04:00:00 (UTC)

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

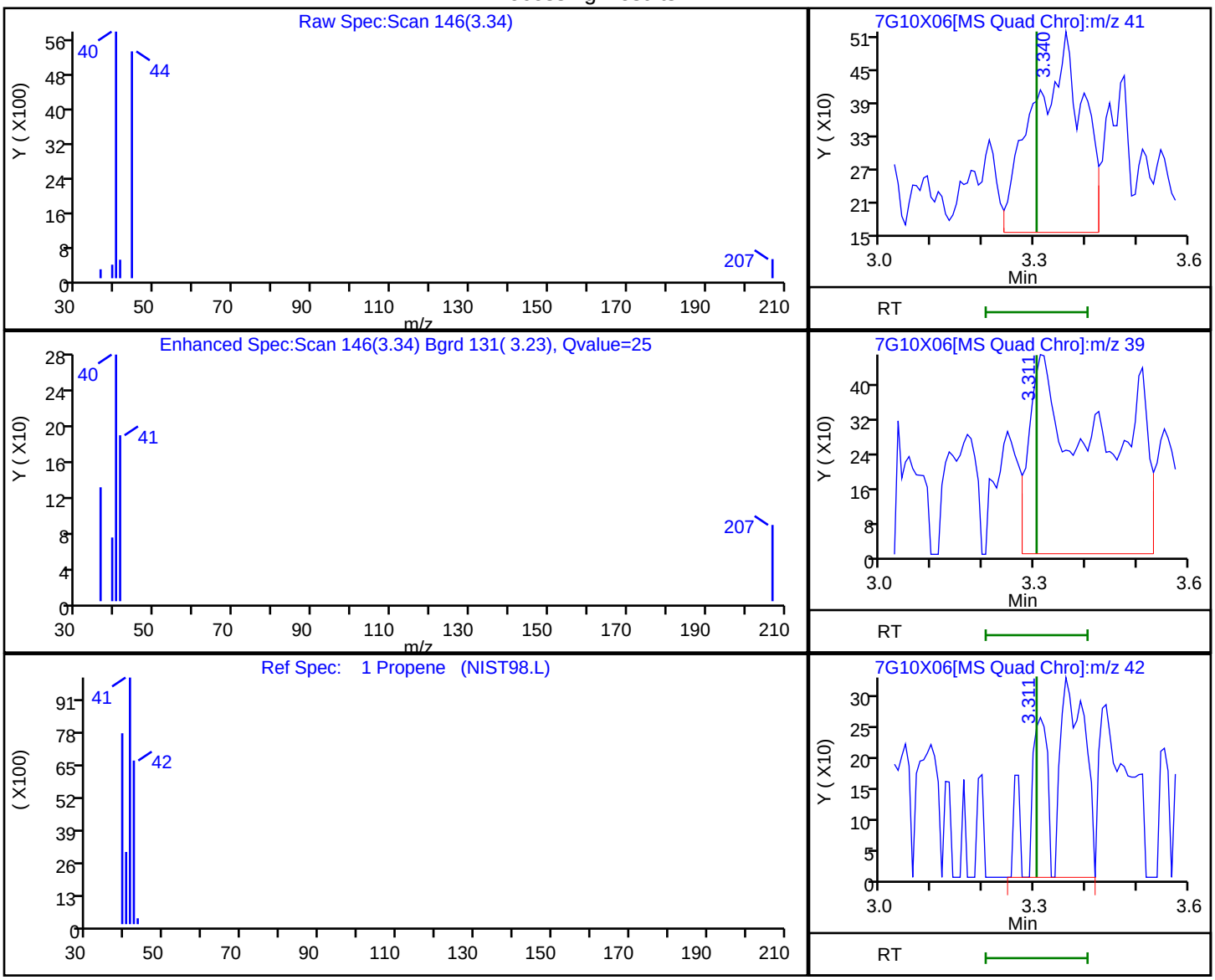
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X06.D | | | | |
| Injection Date: | 11-Aug-2025 00:23:56 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.34 | 41.00 | 2400 | 0.101001 |
| 3.31 | 39.00 | 4594 | |
| 3.31 | 42.00 | 1702 | |

Reviewer: D7UM, 11-Aug-2025 07:16:19 -04:00:00 (UTC)

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

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab File ID: 7G14X06.D  Lab Sample ID: MB 410-685302/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/14/2025 11:08

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-685302/4 | 7G14X03.D | 08/14/2025 09:40 |
| | LCSD 410-685302/5 | 7G14X04.D | 08/14/2025 10:09 |
| 1512 | 410-237471-1 | 7G14X18.D | 08/14/2025 20:35 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-685302/7

Matrix: Air  Lab File ID: 7G14X06.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 11:08:40 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0156546-007
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 15-Aug-2025 13:45:33 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: D7UM Date: 14-Aug-2025 14:27:16

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.319 | 3.311 | 0.007 | 85 | 951 | | 0.0348 | 7M |
| 18 Acetone | 43 | 6.392 | 6.392 | 0.015 | 96 | 24254 | | 0.3618 | M |
| * 39 Chlorobromomethane (IS) | 130 | 9.622 | 9.615 | 0.007 | 94 | 646344 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.539 | 0.000 | 68 | 840960 | 10.0 | 10.1 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.007 | 94 | 2364989 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.061 | 0.000 | 93 | 2499104 | 10.0 | 10.1 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.472 | 0.000 | 86 | 2199565 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

## Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 15-Aug-2025 14:41:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D

Injection Date: 14-Aug-2025 11:08:40 Instrument ID: HP8R004

Lims ID: MB

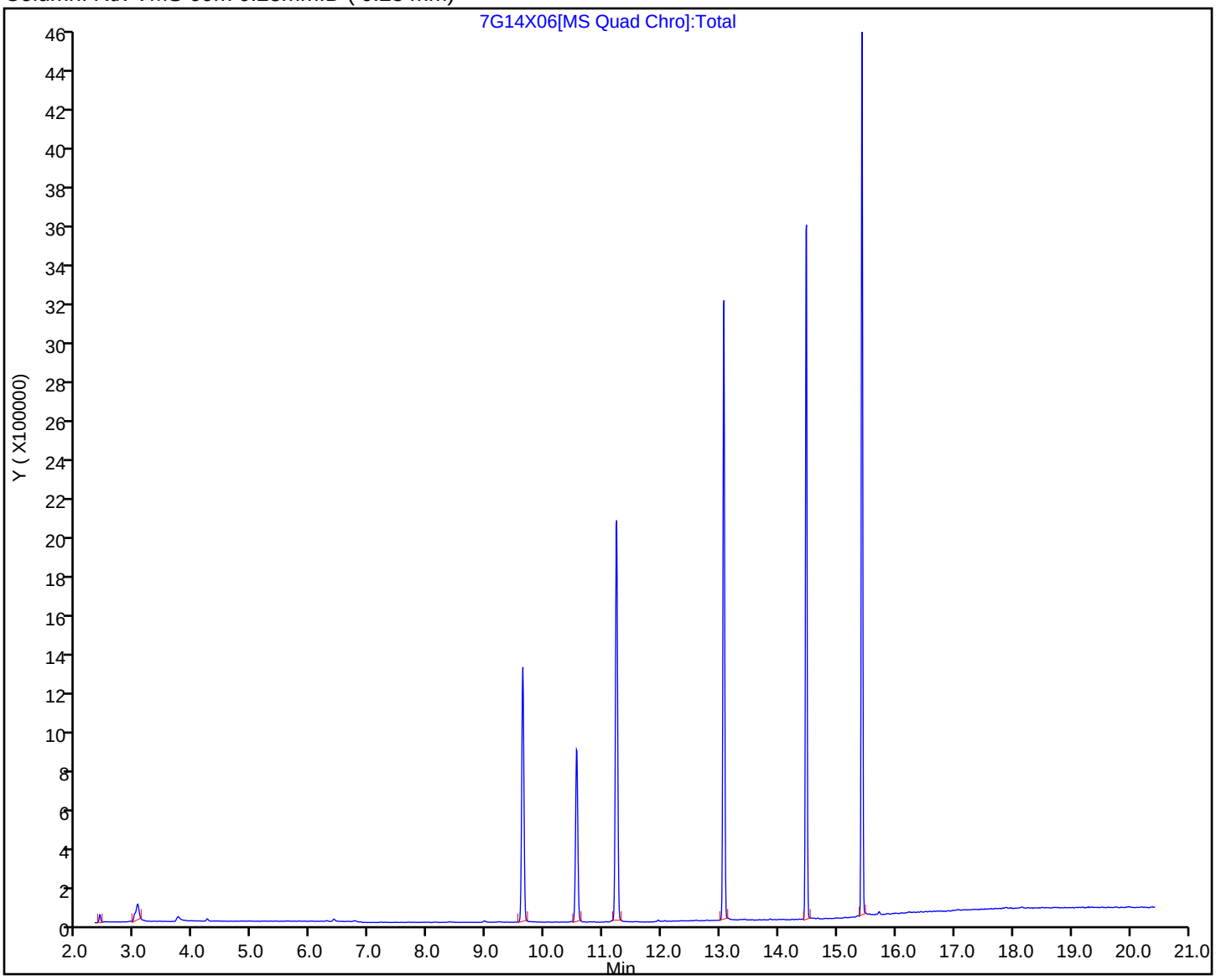
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

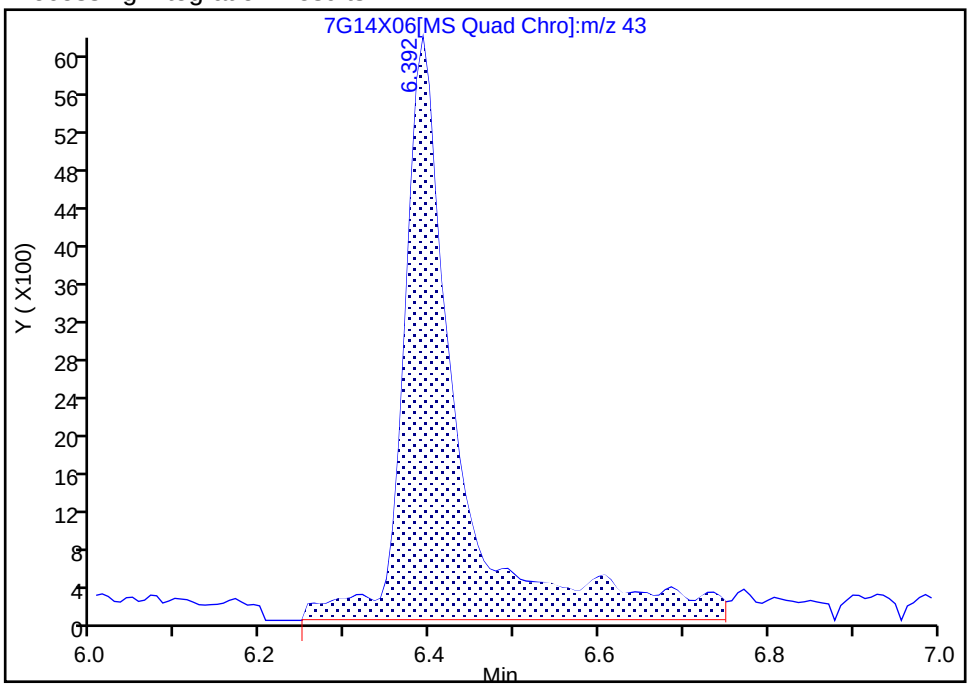
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D | | | | |
| Injection Date: | 14-Aug-2025 11:08:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

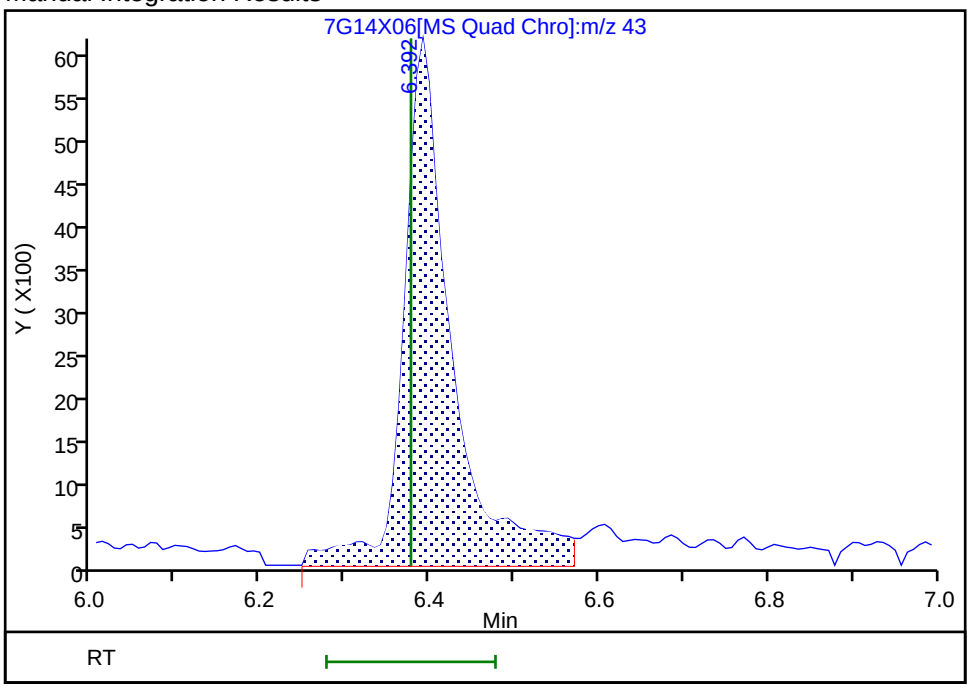
Processing Integration Results

RT: 6.39
Area: 27606
Amount: 0.411816
Amount Units: ppb v/v




Manual Integration Results

RT: 6.39
Area: 24254
Amount: 0.361812
Amount Units: ppb v/v




Reviewer: D7UM, 14-Aug-2025 14:26:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

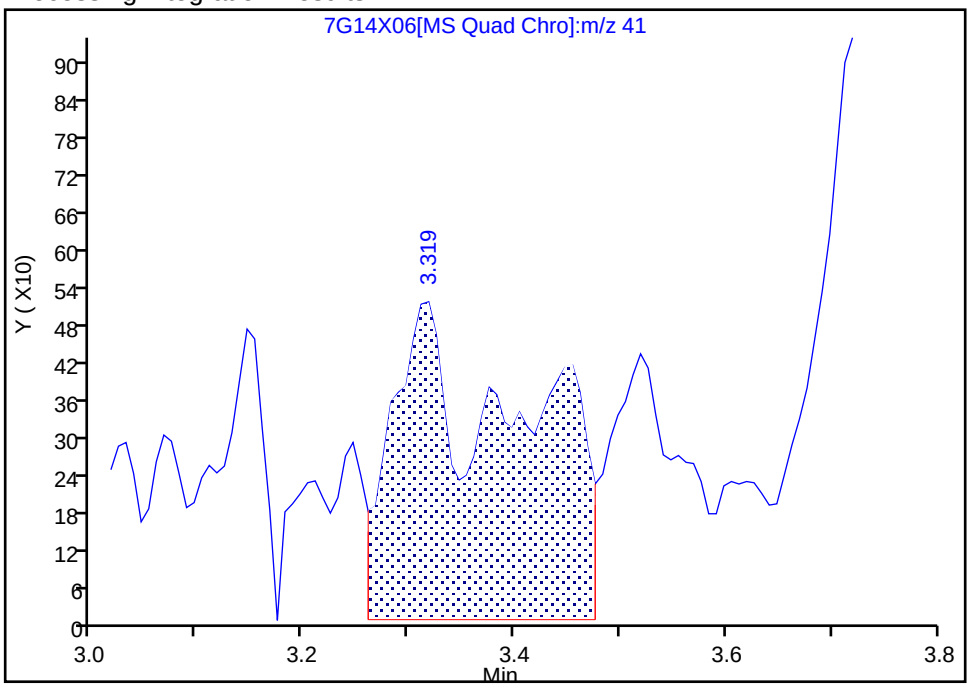
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D | | | | |
| Injection Date: | 14-Aug-2025 11:08:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Signal: 1

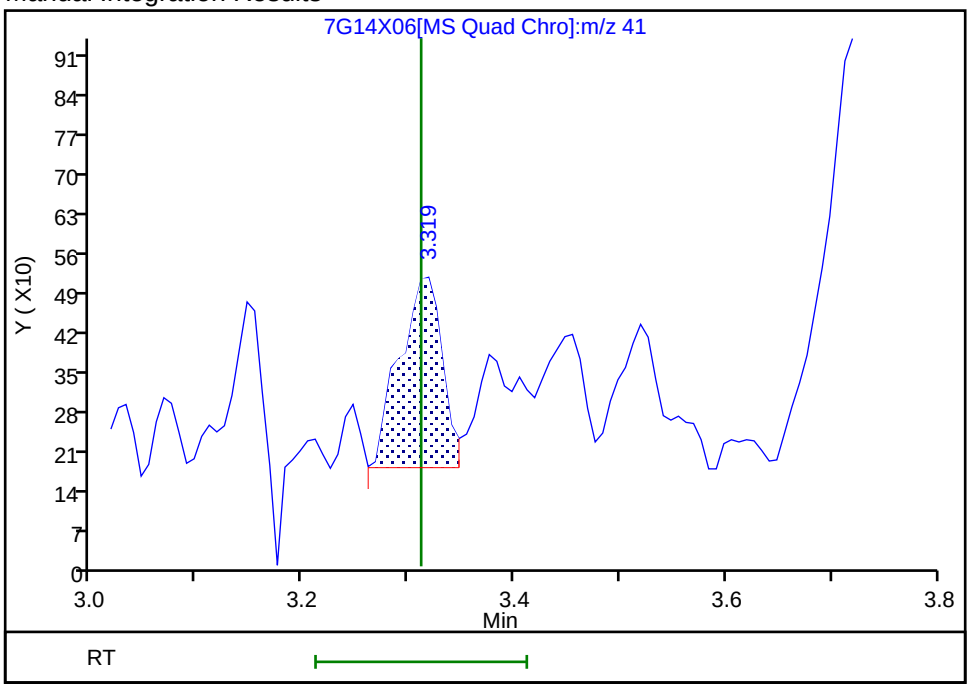
Processing Integration Results

RT: 3.32
Area: 4386
Amount: 0.160667
Amount Units: ppb v/v




Manual Integration Results

RT: 3.32
Area: 951
Amount: 0.034837
Amount Units: ppb v/v




Reviewer: D7UM, 14-Aug-2025 14:26:33 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab File ID: 7G14X06.D  Lab Sample ID: MB 410-685302/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/14/2025 11:08

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-685302/4 | 7G14X03.D | 08/14/2025 09:40 |
| | LCSD 410-685302/5 | 7G14X04.D | 08/14/2025 10:09 |
| 1624 | 410-237478-1 | 7G14X20.D | 08/14/2025 21:33 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-685302/7

Matrix: Air  Lab File ID: 7G14X06.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237478-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237478-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237478-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685302/7

Matrix: Air
Lab File ID: 7G14X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 11:08

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 11:08:40 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0156546-007
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 15-Aug-2025 13:45:33 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: D7UM Date: 14-Aug-2025 14:27:16

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.319 | 3.311 | 0.007 | 85 | 951 | | 0.0348 | 7M |
| 18 Acetone | 43 | 6.392 | 6.392 | 0.015 | 96 | 24254 | | 0.3618 | M |
| * 39 Chlorobromomethane (IS) | 130 | 9.622 | 9.615 | 0.007 | 94 | 646344 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.539 | 0.000 | 68 | 840960 | 10.0 | 10.1 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.007 | 94 | 2364989 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.061 | 0.000 | 93 | 2499104 | 10.0 | 10.1 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.472 | 0.000 | 86 | 2199565 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

## Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 15-Aug-2025 14:41:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D

Injection Date: 14-Aug-2025 11:08:40 Instrument ID: HP8R004

Lims ID: MB

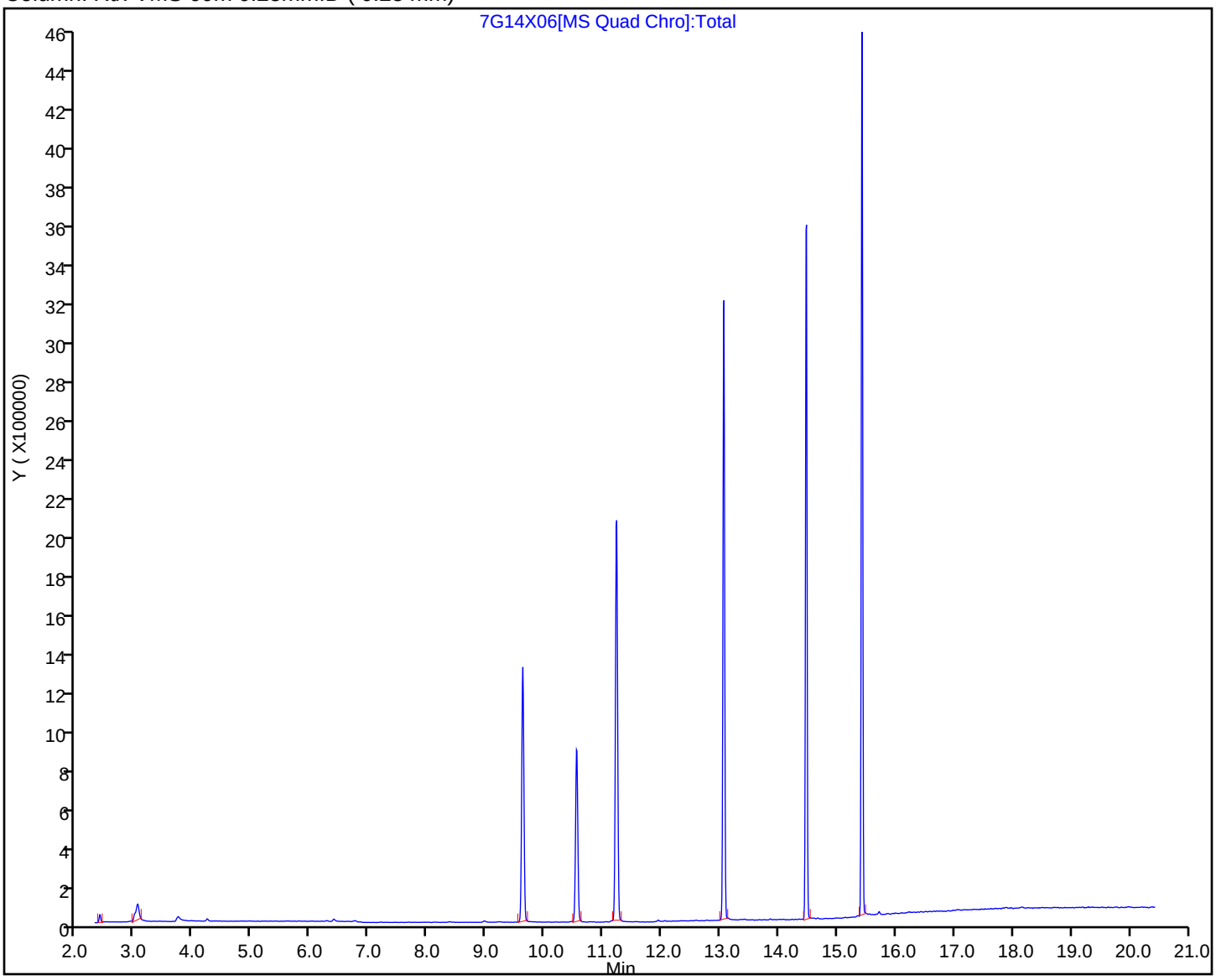
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

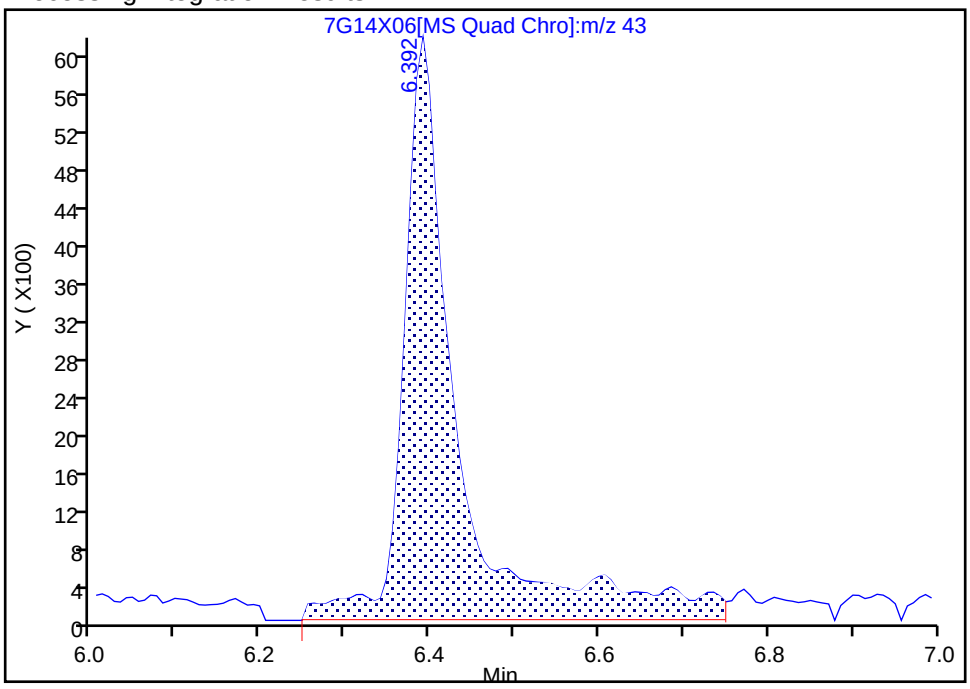
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D | | | | |
| Injection Date: | 14-Aug-2025 11:08:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

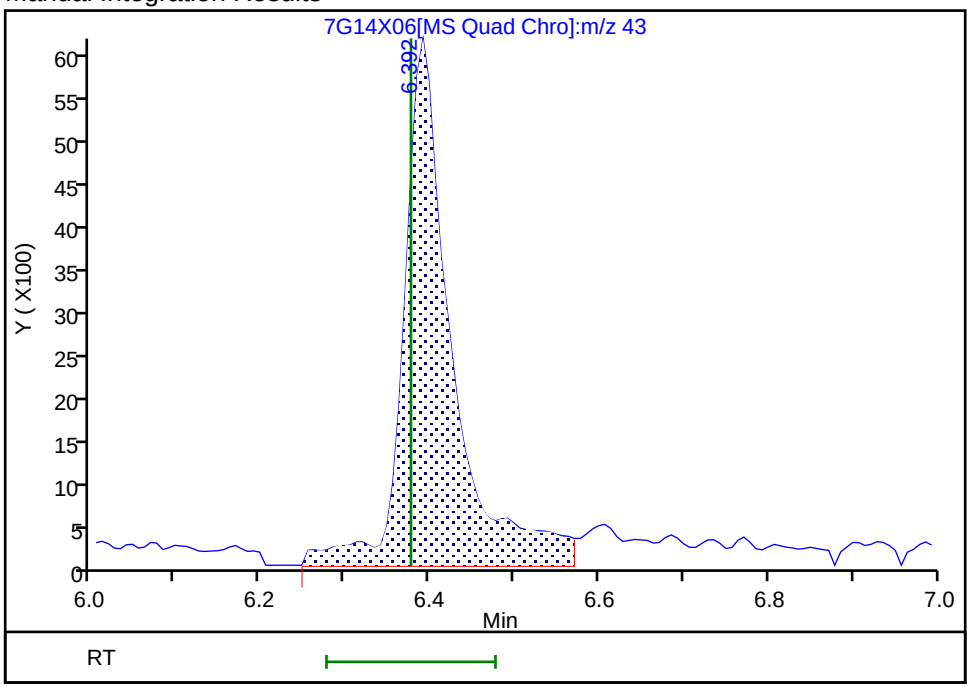
Processing Integration Results

RT: 6.39
Area: 27606
Amount: 0.411816
Amount Units: ppb v/v




Manual Integration Results

RT: 6.39
Area: 24254
Amount: 0.361812
Amount Units: ppb v/v




Reviewer: D7UM, 14-Aug-2025 14:26:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

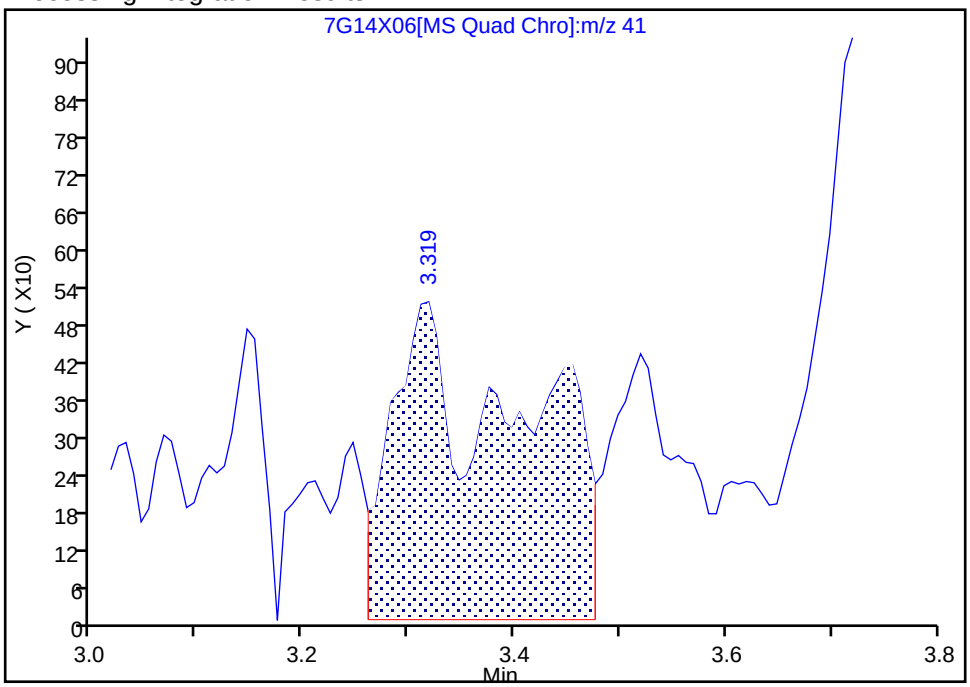
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X06.D | | | | |
| Injection Date: | 14-Aug-2025 11:08:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Signal: 1

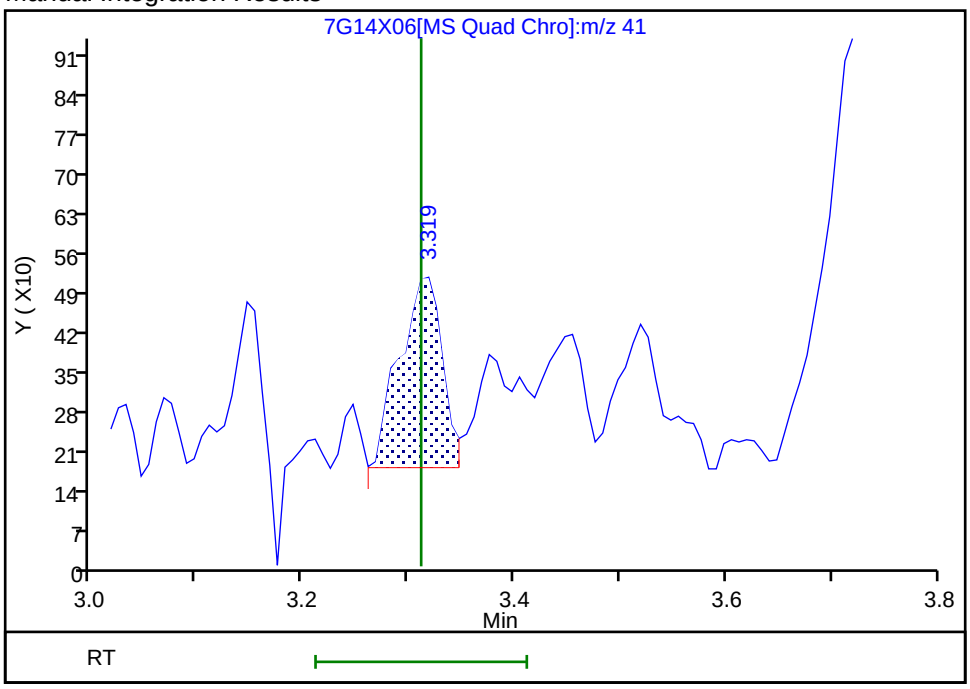
Processing Integration Results

RT: 3.32
Area: 4386
Amount: 0.160667
Amount Units: ppb v/v




Manual Integration Results

RT: 3.32
Area: 951
Amount: 0.034837
Amount Units: ppb v/v




Reviewer: D7UM, 14-Aug-2025 14:26:33 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab File ID: 7G15X11.D  Lab Sample ID: MB 410-685905/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/15/2025 15:32

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-685905/4 | 7G15X08.D | 08/15/2025 14:04 |
| | LCSD 410-685905/5 | 7G15X09.D | 08/15/2025 14:33 |
| 883 | 410-237728-1 | 7G15X12.D | 08/15/2025 16:01 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-685905/7

Matrix: Air  Lab File ID: 7G15X11.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/15/2025 15:32

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685905/7

Matrix: Air
Lab File ID: 7G15X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 15:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685905/7

Matrix: Air
Lab File ID: 7G15X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 15:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-685905/7

Matrix: Air
Lab File ID: 7G15X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 15:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X11.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Aug-2025 15:32:25 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0156691-007
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 18-Aug-2025 09:23:49 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: D7UM Date: 18-Aug-2025 08:56:25

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.406 | 6.399 | 0.021 | 96 | 28191 | | 0.4401 | M |
| 21 Isopropyl alcohol | 45 | 6.621 | 6.629 | 0.022 | 55 | 7105 | | 0.1279 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.622 | 9.622 | 0.000 | 94 | 617565 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.546 | 10.586 | 0.007 | 60 | 808092 | 10.0 | 10.2 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.227 | 0.000 | 94 | 2277711 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.099 | 0.000 | 93 | 2418398 | 10.0 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.465 | 0.000 | 87 | 2140841 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 18-Aug-2025 09:36:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X11.D

Injection Date: 15-Aug-2025 15:32:25 Instrument ID: HP8R004

Lims ID: MB

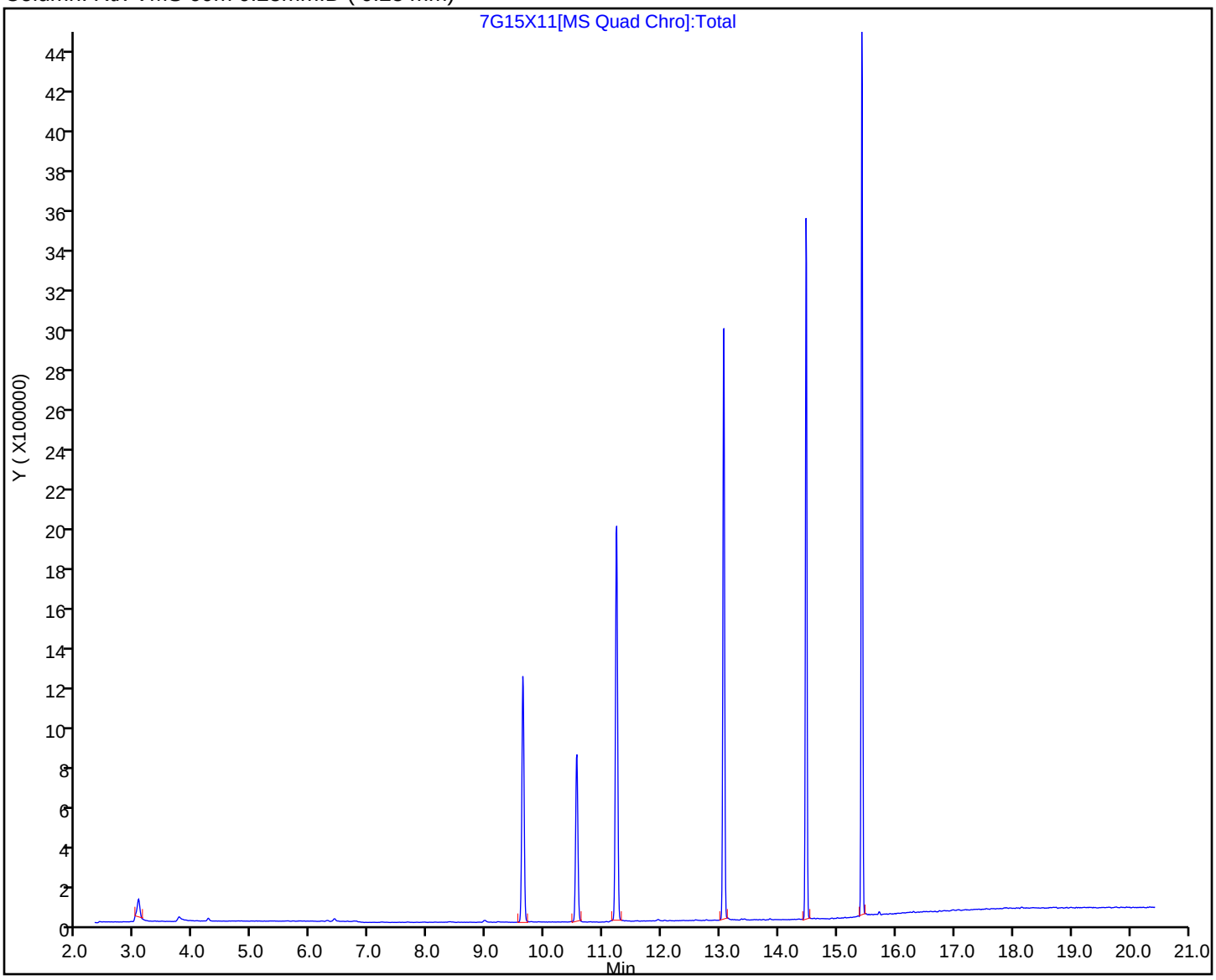
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

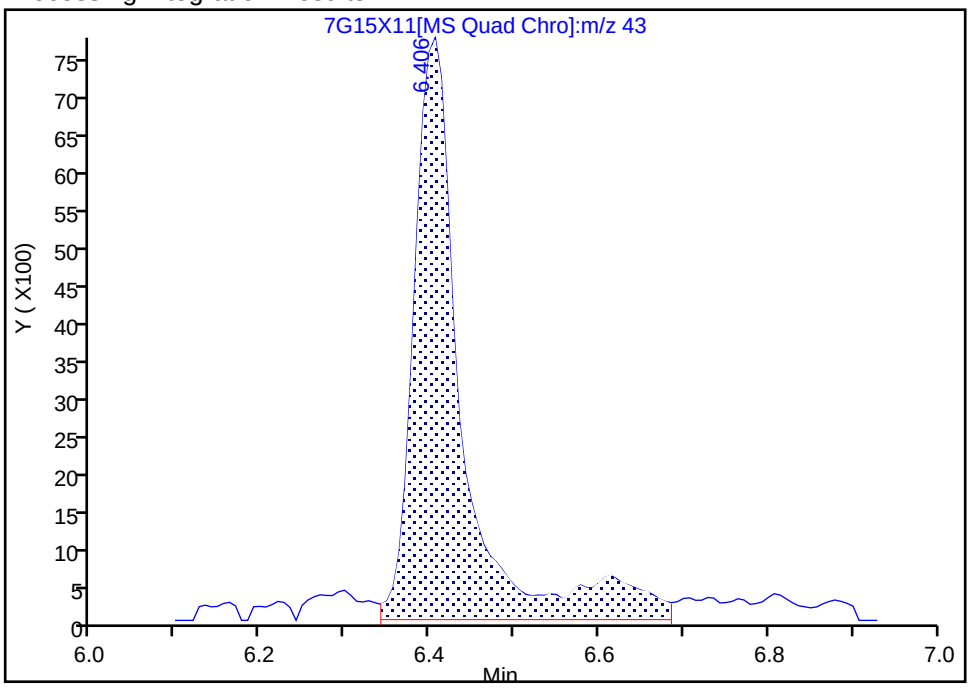
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X11.D | | | | |
| Injection Date: | 15-Aug-2025 15:32:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

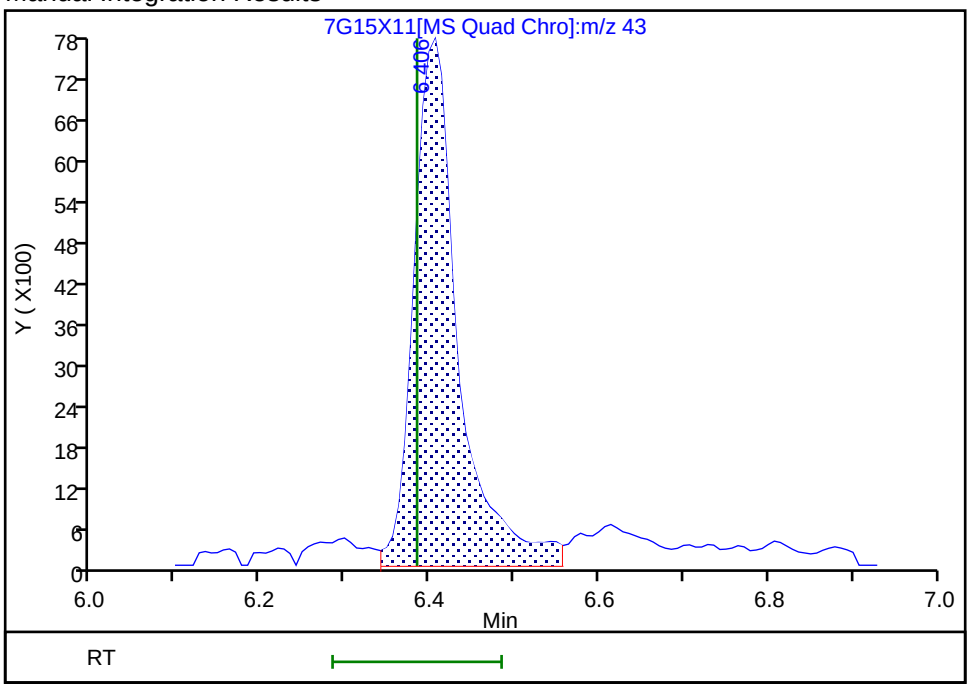
Processing Integration Results

RT: 6.41
Area: 31456
Amount: 0.491116
Amount Units: ppb v/v




Manual Integration Results

RT: 6.41
Area: 28191
Amount: 0.440140
Amount Units: ppb v/v




Reviewer: D7UM, 18-Aug-2025 08:56:05 -04:00:00 (UTC)

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

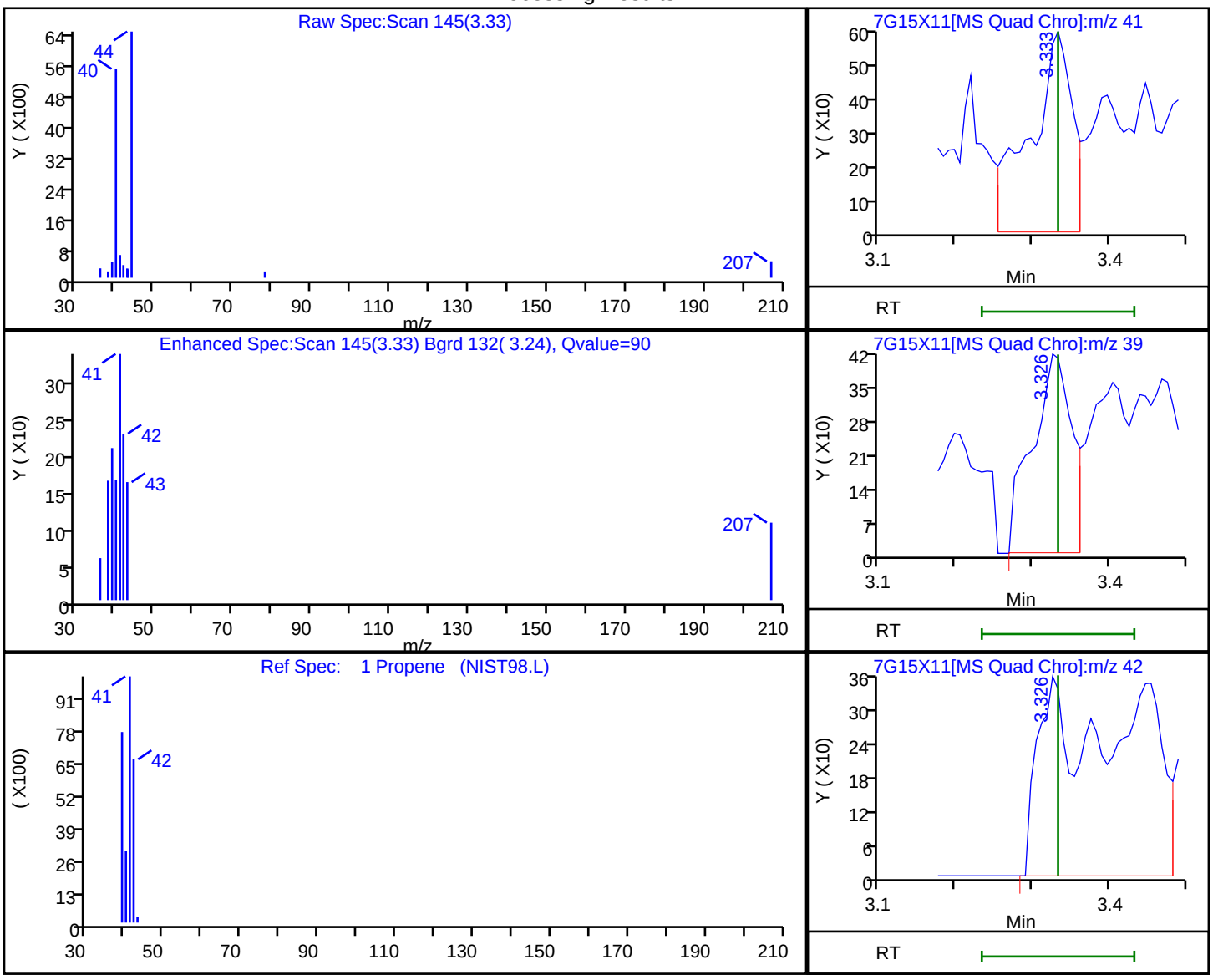
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X11.D | | | | |
| Injection Date: | 15-Aug-2025 15:32:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 41.00 | 2195 | 0.084154 |
| 3.33 | 39.00 | 1458 | |
| 3.33 | 42.00 | 2851 | |

Reviewer: D7UM, 18-Aug-2025 08:55:59 -04:00:00 (UTC)

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

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab File ID: 7G10T01.D  BFB Injection Date: 08/10/2025

Instrument ID: HP8R004  BFB Injection Time: 21:30

Analysis Batch No.: 683384

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 45.2 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.5 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 74.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.4 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 71.7 | (96.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.7 | (6.5) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-683384/3 | 7G10X02.D | 08/10/2025 | 22:27 |
| | LCS 410-683384/4 | 7G10X03.D | 08/10/2025 | 22:56 |
| | LCSD 410-683384/5 | 7G10X04.D | 08/10/2025 | 23:25 |
| | MB 410-683384/7 | 7G10X06.D | 08/11/2025 | 0:23 |
| 1929 | 410-236820-1 | 7G10X13.D | 08/11/2025 | 11:17 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab File ID: 7G14T01.D  BFB Injection Date: 08/14/2025

Instrument ID: HP8R004  BFB Injection Time: 07:46

Analysis Batch No.: 685302

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 15.7 | |
| 75 | 30.0 - 66.0% of mass 95 | 44.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 76.2 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.6 | (7.3) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 73.4 | (96.3) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.7 | (6.4) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-685302/3 | 7G14X02.D | 08/14/2025 | 9:10 |
| | LCS 410-685302/4 | 7G14X03.D | 08/14/2025 | 9:40 |
| | LCSD 410-685302/5 | 7G14X04.D | 08/14/2025 | 10:09 |
| | MB 410-685302/7 | 7G14X06.D | 08/14/2025 | 11:08 |
| 1512 | 410-237471-1 | 7G14X18.D | 08/14/2025 | 20:35 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab File ID: 7G14T01.D  BFB Injection Date: 08/14/2025

Instrument ID: HP8R004  BFB Injection Time: 07:46

Analysis Batch No.: 685302

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 15.7 | |
| 75 | 30.0 - 66.0% of mass 95 | 44.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 76.2 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.6 | (7.3) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 73.4 | (96.3) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.7 | (6.4) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-685302/3 | 7G14X02.D | 08/14/2025 | 9:10 |
| | LCS 410-685302/4 | 7G14X03.D | 08/14/2025 | 9:40 |
| | LCSD 410-685302/5 | 7G14X04.D | 08/14/2025 | 10:09 |
| | MB 410-685302/7 | 7G14X06.D | 08/14/2025 | 11:08 |
| 1624 | 410-237478-1 | 7G14X20.D | 08/14/2025 | 21:33 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab File ID: 7L10T02.D  BFB Injection Date: 07/10/2025

Instrument ID: HP8R004  BFB Injection Time: 10:38

Analysis Batch No.: 669024

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.5 | |
| 75 | 30.0 - 66.0% of mass 95 | 46.0 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 78.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.7 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 76.5 | (97.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.0 | (6.5) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-669024/3 | 7L10X03.D | 07/10/2025 | 11:42 |
| | IC 410-669024/4 | 7L10X04.D | 07/10/2025 | 12:11 |
| | IC 410-669024/5 | 7L10X05.D | 07/10/2025 | 12:40 |
| | IC 410-669024/6 | 7L10X06.D | 07/10/2025 | 13:11 |
| | IC 410-669024/7 | 7L10X07.D | 07/10/2025 | 13:41 |
| | IC 410-669024/8 | 7L10X08.D | 07/10/2025 | 14:12 |
| | ICISAV 410-669024/9 | 7L10X09.D | 07/10/2025 | 14:44 |
| | IC 410-669024/10 | 7L10X10.D | 07/10/2025 | 15:15 |
| | IC 410-669024/11 | 7L10X11.D | 07/10/2025 | 15:49 |
| | IC 410-669024/20 | 7L10X12.D | 07/10/2025 | 16:26 |
| | ICV 410-669024/18 | 7L10X18.D | 07/10/2025 | 20:04 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab File ID: 7G15T01.D  BFB Injection Date: 08/15/2025

Instrument ID: HP8R004  BFB Injection Time: 07:51

Analysis Batch No.: 685905

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 45.7 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.3 | (0.4) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 72.0 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.3 | (7.3) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 69.0 | (95.9) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.6 | (6.7) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-685905/3 | 7G15X07.D | 08/15/2025 | 13:35 |
| | LCS 410-685905/4 | 7G15X08.D | 08/15/2025 | 14:04 |
| | LCSD 410-685905/5 | 7G15X09.D | 08/15/2025 | 14:33 |
| | MB 410-685905/7 | 7G15X11.D | 08/15/2025 | 15:32 |
| 883 | 410-237728-1 | 7G15X12.D | 08/15/2025 | 16:01 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-683384/3 | | 569989 | 9.61 | 2044371 | 11.22 | 1915907 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Sample No.: CCVIS 410-683384/3  Date Analyzed: 08/10/2025 22:27

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G10X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 569989 | 9.61 | 2044371 | 11.22 | 1915907 | 14.46 |
| UPPER LIMIT | | 797985 | 9.91 | 2862119 | 11.52 | 2682270 | 14.76 |
| LOWER LIMIT | | 341993 | 9.31 | 1226623 | 10.92 | 1149544 | 14.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-683384/4 | | 571629 | 9.62 | 2103917 | 11.22 | 1947800 | 14.46 |
| LCSD 410-683384/5 | | 582997 | 9.62 | 2135288 | 11.22 | 1990724 | 14.47 |
| MB 410-683384/7 | | 562610 | 9.62 | 2004796 | 11.23 | 1914582 | 14.47 |
| 410-236820-1 | 1929 | 555265 | 9.62 | 1951667 | 11.22 | 1872922 | 14.47 |

CBM = Chlorobromomethane (IS)
CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-685302/3 | | 664412 | 9.62 | 2497910 | 11.22 | 2299751 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Sample No.: CCVIS 410-685302/3  Date Analyzed: 08/14/2025 09:10

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G14X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 664412 | 9.62 | 2497910 | 11.22 | 2299751 | 14.47 |
| UPPER LIMIT | | 930177 | 9.92 | 3497074 | 11.52 | 3219651 | 14.77 |
| LOWER LIMIT | | 398647 | 9.32 | 1498746 | 10.92 | 1379851 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-685302/4 | | 663850 | 9.62 | 2482626 | 11.22 | 2276429 | 14.47 |
| LCSD 410-685302/5 | | 667785 | 9.62 | 2489609 | 11.22 | 2290846 | 14.47 |
| MB 410-685302/7 | | 646344 | 9.62 | 2364989 | 11.23 | 2199565 | 14.47 |
| 410-237471-1 | 1512 | 639682 | 9.61 | 2386480 | 11.21 | 2232186 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-685302/3 | | 664412 | 9.62 | 2497910 | 11.22 | 2299751 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Sample No.: CCVIS 410-685302/3  Date Analyzed: 08/14/2025 09:10

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G14X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 664412 | 9.62 | 2497910 | 11.22 | 2299751 | 14.47 |
| UPPER LIMIT | | 930177 | 9.92 | 3497074 | 11.52 | 3219651 | 14.77 |
| LOWER LIMIT | | 398647 | 9.32 | 1498746 | 10.92 | 1379851 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-685302/4 | | 663850 | 9.62 | 2482626 | 11.22 | 2276429 | 14.47 |
| LCSD 410-685302/5 | | 667785 | 9.62 | 2489609 | 11.22 | 2290846 | 14.47 |
| MB 410-685302/7 | | 646344 | 9.62 | 2364989 | 11.23 | 2199565 | 14.47 |
| 410-237478-1 | 1624 | 635210 | 9.62 | 2312938 | 11.22 | 2171746 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-685905/3 | | 630785 | 9.62 | 2354786 | 11.23 | 2165671 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Sample No.: CCVIS 410-685905/3  Date Analyzed: 08/15/2025 13:35

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G15X07.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 630785 | 9.62 | 2354786 | 11.23 | 2165671 | 14.47 |
| UPPER LIMIT | | 883099 | 9.92 | 3296700 | 11.53 | 3031939 | 14.77 |
| LOWER LIMIT | | 378471 | 9.32 | 1412872 | 10.93 | 1299403 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-685905/4 | | 633149 | 9.63 | 2365871 | 11.23 | 2177621 | 14.46 |
| LCSD 410-685905/5 | | 629537 | 9.62 | 2375370 | 11.22 | 2162379 | 14.47 |
| MB 410-685905/7 | | 617565 | 9.62 | 2277711 | 11.23 | 2140841 | 14.47 |
| 410-237728-1 | 883 | 613433 | 9.62 | 2245954 | 11.22 | 2093169 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Client Sample ID: 1929  Lab Sample ID: 410-236820-1

Matrix: Air  Lab File ID: 7G10X13.D

Analysis Method: TO-15  Date Collected: 08/10/2025 20:31

Sample wt/vol: 200(mL)  Date Analyzed: 08/11/2025 11:17

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID: 1929
Lab Sample ID: 410-236820-1

Matrix: Air
Lab File ID: 7G10X13.D

Analysis Method: TO-15
Date Collected: 08/10/2025 20:31

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 11:17

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID: 1929
Lab Sample ID: 410-236820-1

Matrix: Air
Lab File ID: 7G10X13.D

Analysis Method: TO-15
Date Collected: 08/10/2025 20:31

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 11:17

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-236820-1

SDG No.:

Client Sample ID: 1929
Lab Sample ID: 410-236820-1

Matrix: Air
Lab File ID: 7G10X13.D

Analysis Method: TO-15
Date Collected: 08/10/2025 20:31

Sample wt/vol: 200(mL)
Date Analyzed: 08/11/2025 11:17

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 683384
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X13.D
Lims ID: 410-236820-A-1
Client ID: 1929
Sample Type: Client
Inject. Date: 11-Aug-2025 11:17:31 ALS Bottle#: 5 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1929
Misc. Info.: 410-0156120-014
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 13:05:35 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: D7UM Date: 12-Aug-2025 13:02:45

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.385 | 6.384 | 0.015 | 98 | 45189 | 0.7847 | M |
| 21 Isopropyl alcohol | 45 | 6.607 | 6.595 | 0.022 | 40 | 6654 | 0.1332 | |
| 20 Carbon disulfide | 76 | 6.757 | 6.760 | 0.007 | 88 | 11998 | 0.0926 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 94 | 555265 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 95 | 1951667 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 87 | 1872922 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

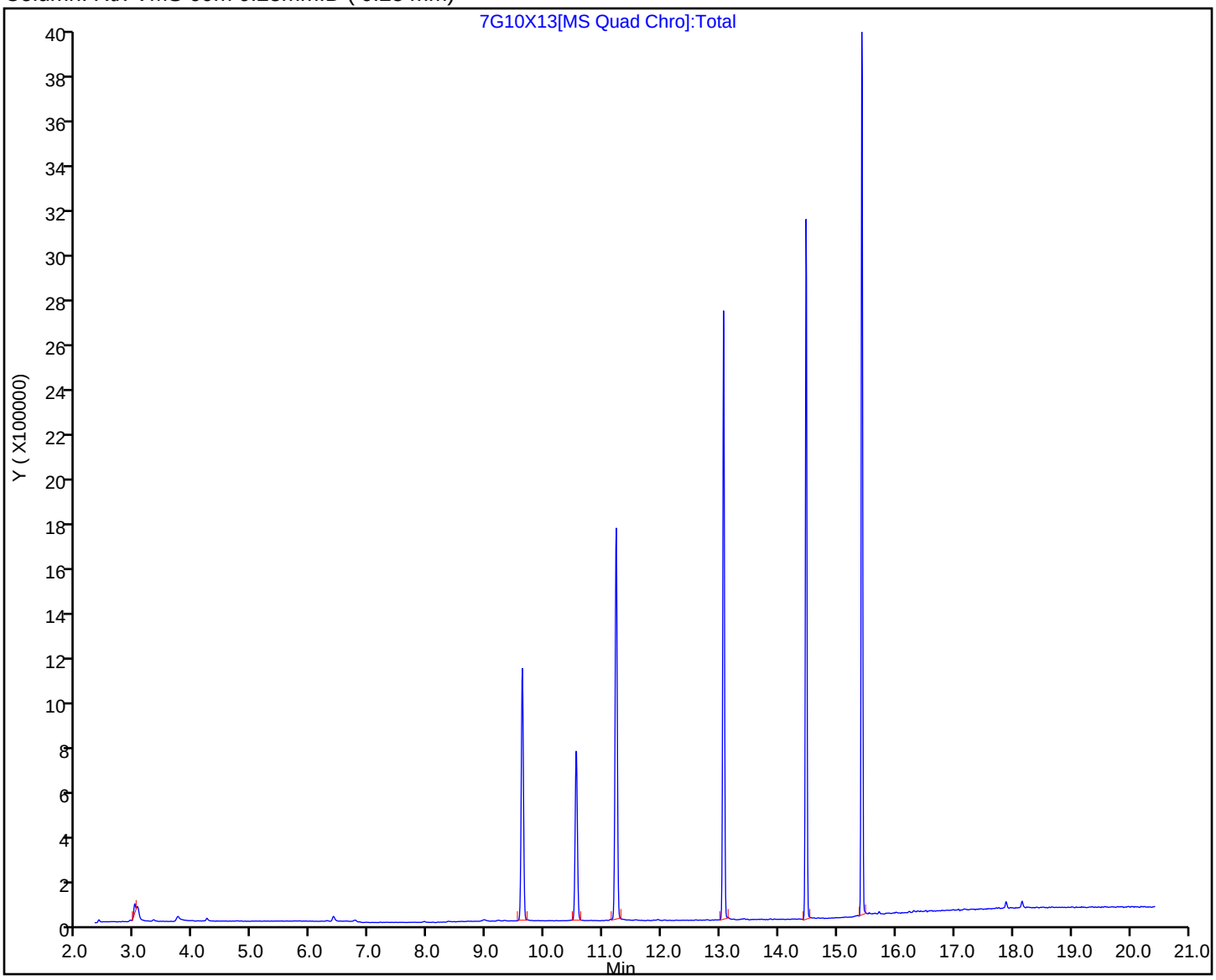
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 20:04:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X13.D | | | | |
| Injection Date: | 11-Aug-2025 11:17:31 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-236820-A-1 | Lab Sample ID: | 410-236820-1 | | |
| Client ID: | 1929 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 5 | Worklist Smp#: | 14 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

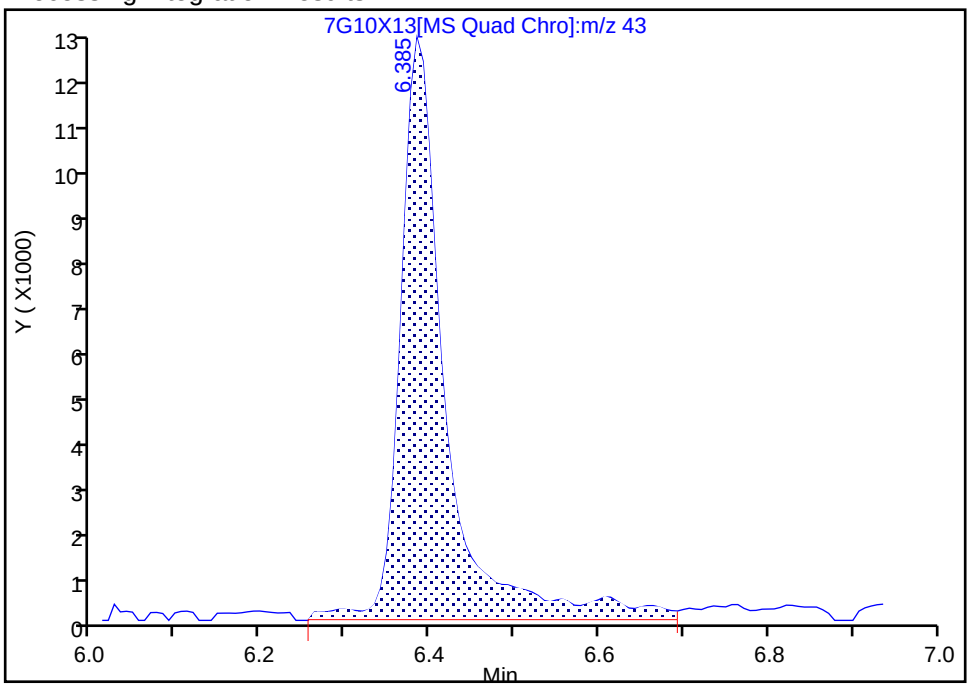
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X13.D | | | | |
| Injection Date: | 11-Aug-2025 11:17:31 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-236820-A-1 | Lab Sample ID: | 410-236820-1 | | |
| Client ID: | 1929 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 5 | Worklist Smp#: | 14 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

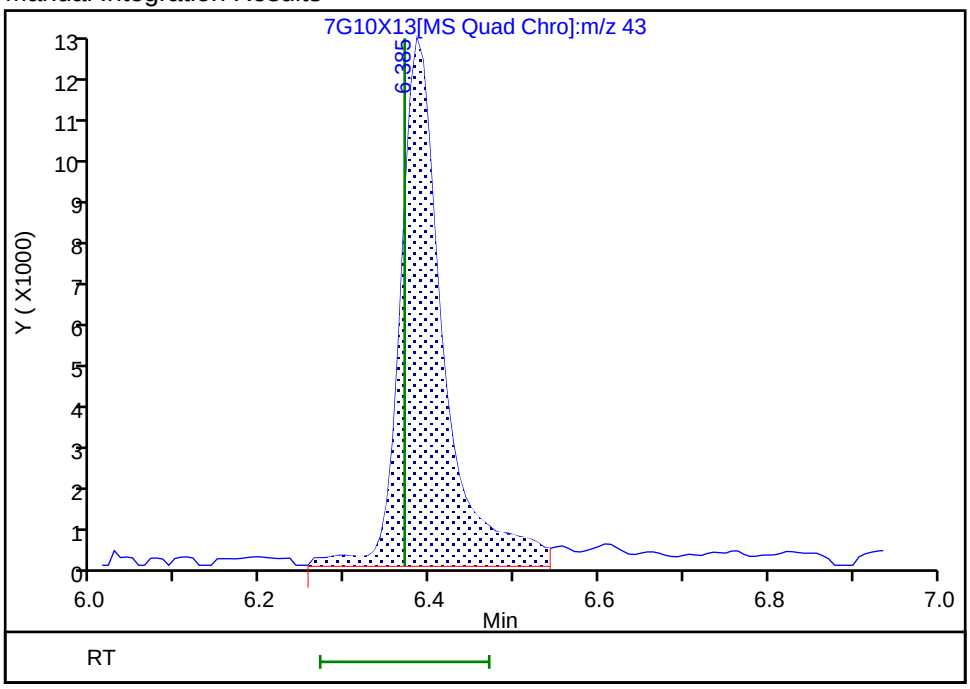
Processing Integration Results

RT: 6.38
Area: 48430
Amount: 0.840964
Amount Units: ppb v/v




Manual Integration Results

RT: 6.38
Area: 45189
Amount: 0.784686
Amount Units: ppb v/v




Reviewer: D7UM, 12-Aug-2025 13:00:49 -04:00:00 (UTC)

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

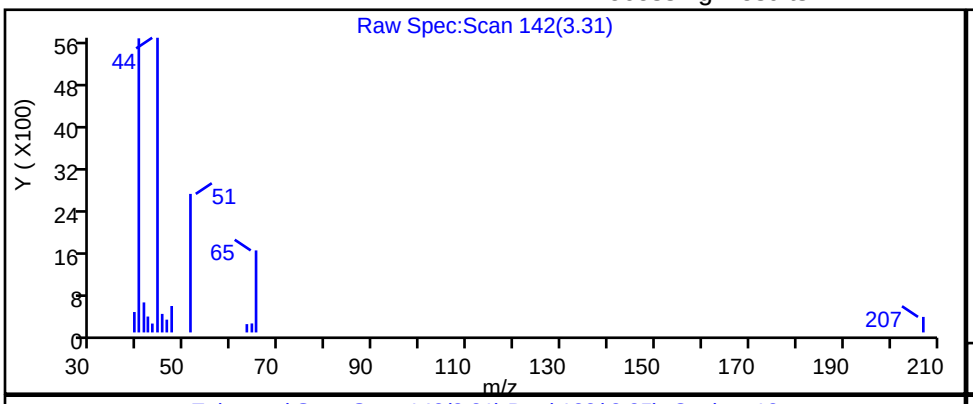
User Disabled Compound Report

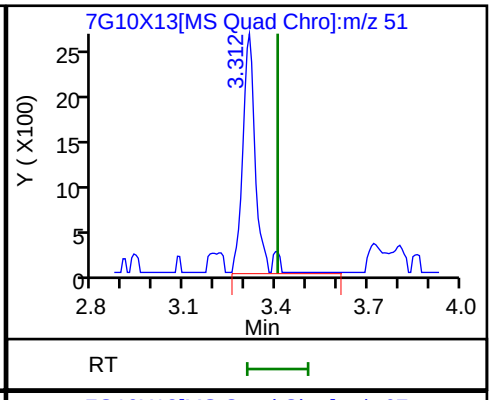
Eurofins Lancaster Laboratories Environment Testing, LLC

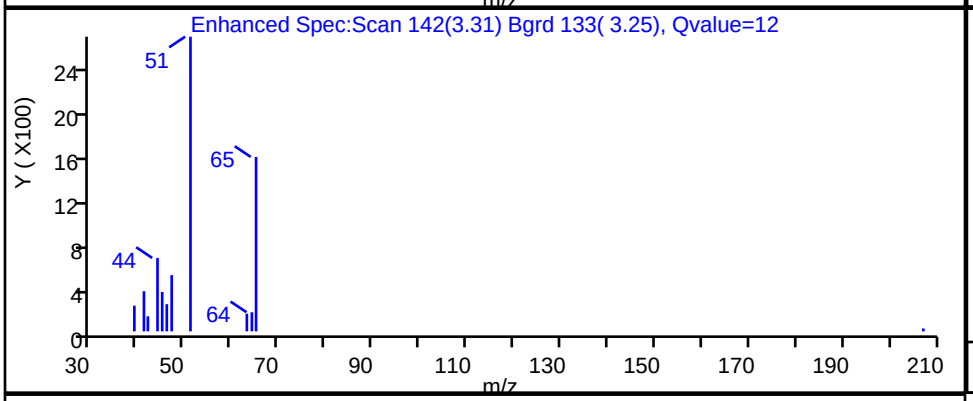
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X13.D | | | | |
| Injection Date: | 11-Aug-2025 11:17:31 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-236820-A-1 | Lab Sample ID: | 410-236820-1 | | |
| Client ID: | 1929 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 5 | Worklist Smp#: | 14 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

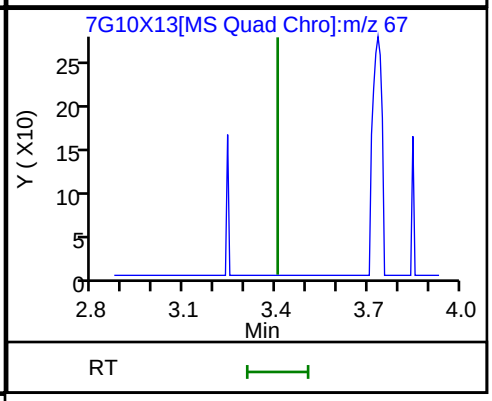
## 3 Chlorodifluoromethane, CAS: 75-45-6

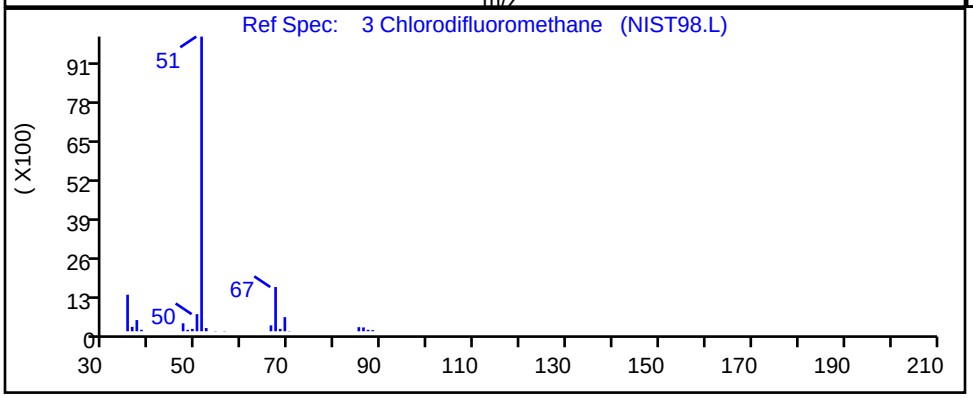
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.31 | 51.00 | 7726 | 0.153768 |
| 3.40 | 67.00 | 0 | |

Reviewer: D7UM, 12-Aug-2025 13:00:33 -04:00:00 (UTC)

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

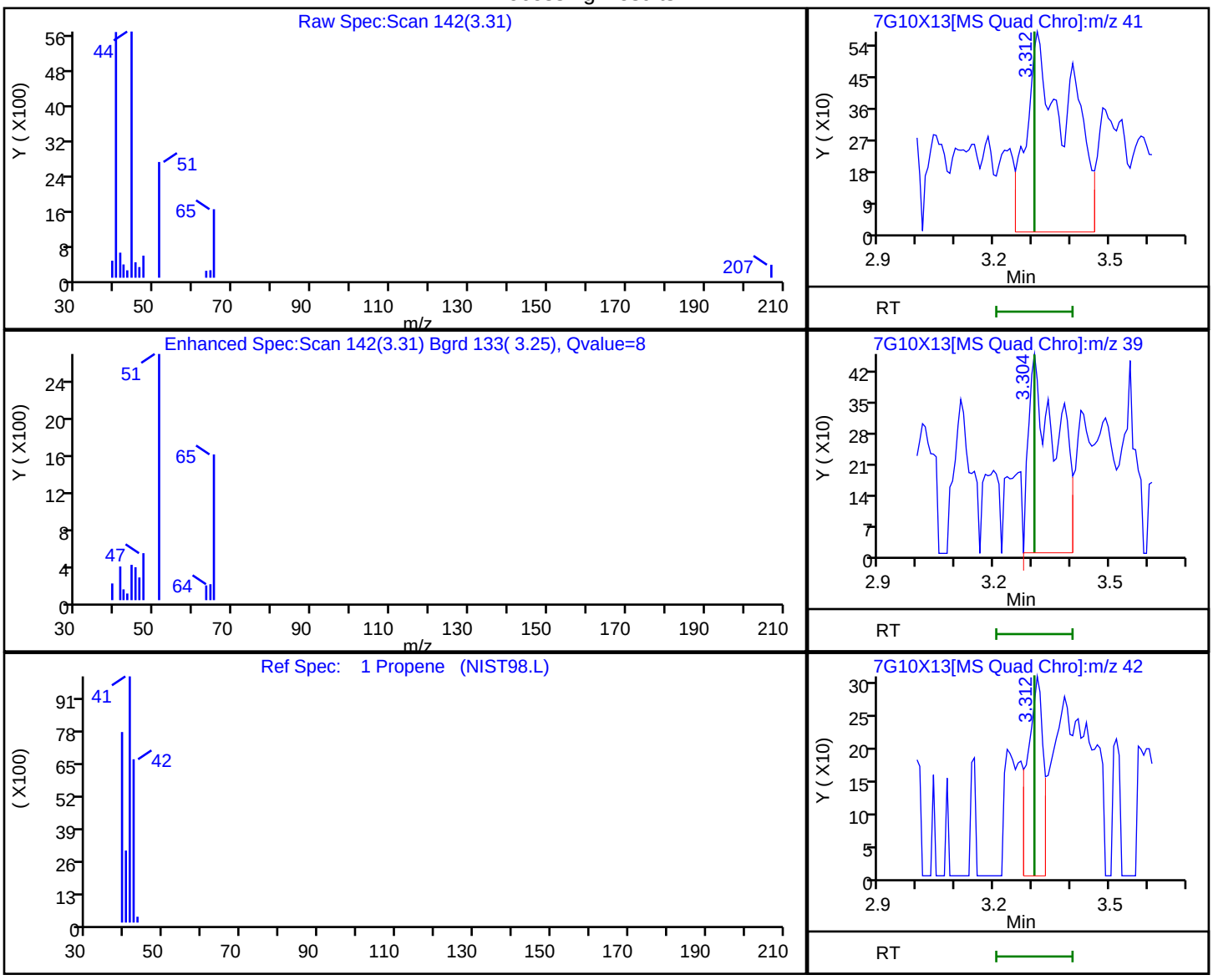
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250810-156120.b\7G10X13.D | | | | |
| Injection Date: | 11-Aug-2025 11:17:31 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-236820-A-1 | Lab Sample ID: | 410-236820-1 | | |
| Client ID: | 1929 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 5 | Worklist Smp#: | 14 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.31 | 41.00 | 4314 | 0.183950 |
| 3.30 | 39.00 | 2232 | |
| 3.31 | 42.00 | 778 | |

Reviewer: D7UM, 12-Aug-2025 13:00:31 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID: 1512
Lab Sample ID: 410-237471-1

Matrix: Air
Lab File ID: 7G14X18.D

Analysis Method: TO-15
Date Collected: 08/14/2025 10:17

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 20:35

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID: 1512
Lab Sample ID: 410-237471-1

Matrix: Air
Lab File ID: 7G14X18.D

Analysis Method: TO-15
Date Collected: 08/14/2025 10:17

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 20:35

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID: 1512
Lab Sample ID: 410-237471-1

Matrix: Air
Lab File ID: 7G14X18.D

Analysis Method: TO-15
Date Collected: 08/14/2025 10:17

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 20:35

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237471-1

SDG No.:

Client Sample ID: 1512
Lab Sample ID: 410-237471-1

Matrix: Air
Lab File ID: 7G14X18.D

Analysis Method: TO-15
Date Collected: 08/14/2025 10:17

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 20:35

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X18.D | | | | |
| Lims ID: | 410-237471-A-1 | | | | |
| Client ID: | 1512 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 14-Aug-2025 20:35:15 | ALS Bottle#: | 14 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | cc1512 | | | | |
| Misc. Info.: | 410-0156546-019 | | | | |
| Operator ID: | sn105465 | Instrument ID: | HP8R004 | | |
| Method: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\AirMS_HP8R004.m | | | | |
| Limit Group: | MSV - TO15 | | | | |
| Last Update: | 15-Aug-2025 13:45:33 | Calib Date: | 10-Jul-2025 16:26:23 | | |
| Integrator: | Falcon | ID Type: | RT Order ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D | | | | |
| Column 1 : | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | | Det: MS Quad | | |
| Process Host: | CTX1686 | | | | |
| First Level Reviewer: D7UM | | Date: | 15-Aug-2025 13:42:17 | | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.385 | 6.392 | 0.008 | 97 | 23622 | 0.3561 | |
| 21 Isopropyl alcohol | 45 | 6.592 | 6.587 | 0.000 | 79 | 11125 | 0.1933 | |
| 20 Carbon disulfide | 76 | 6.757 | 6.752 | 0.000 | 97 | 22195 | 0.1487 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.608 | 9.615 | -0.007 | 94 | 639682 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.213 | 11.220 | -0.007 | 94 | 2386480 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.472 | -0.007 | 86 | 2232186 | 10.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

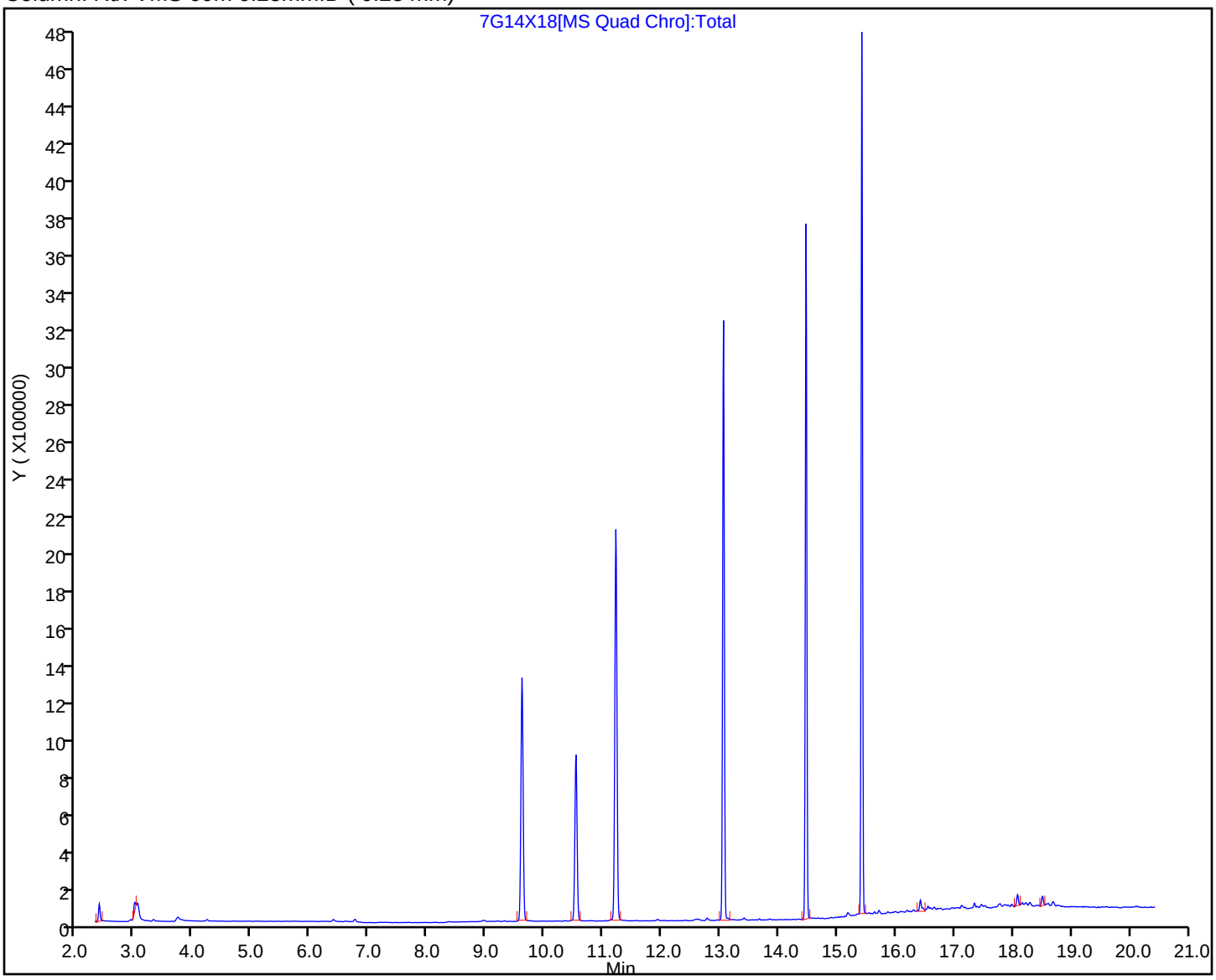
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 15-Aug-2025 14:41:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X18.D | | | | |
| Injection Date: | 14-Aug-2025 20:35:15 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237471-A-1 | Lab Sample ID: | 410-237471-1 | | |
| Client ID: | 1512 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 14 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

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



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Client Sample ID: 1624  Lab Sample ID: 410-237478-1

Matrix: Air  Lab File ID: 7G14X20.D

Analysis Method: TO-15  Date Collected: 08/14/2025 13:40

Sample wt/vol: 200(mL)  Date Analyzed: 08/14/2025 21:33

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237478-1

SDG No.:

Client Sample ID: 1624
Lab Sample ID: 410-237478-1

Matrix: Air
Lab File ID: 7G14X20.D

Analysis Method: TO-15
Date Collected: 08/14/2025 13:40

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 21:33

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Client Sample ID: 1624  Lab Sample ID: 410-237478-1

Matrix: Air  Lab File ID: 7G14X20.D

Analysis Method: TO-15  Date Collected: 08/14/2025 13:40

Sample wt/vol: 200(mL)  Date Analyzed: 08/14/2025 21:33

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237478-1

SDG No.:

Client Sample ID: 1624
Lab Sample ID: 410-237478-1

Matrix: Air
Lab File ID: 7G14X20.D

Analysis Method: TO-15
Date Collected: 08/14/2025 13:40

Sample wt/vol: 200(mL)
Date Analyzed: 08/14/2025 21:33

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685302
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X20.D
Lims ID: 410-237478-A-1
Client ID: 1624
Sample Type: Client
Inject. Date: 14-Aug-2025 21:33:47 ALS Bottle#: 16 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1624
Misc. Info.: 410-0156546-021
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 15-Aug-2025 14:42:39 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: D7UM Date: 15-Aug-2025 13:44:43

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.304 | 3.312 | -0.008 | 70 | 2108 | 0.0786 | 7M |
| 18 Acetone | 43 | 6.384 | 6.377 | 0.007 | 100 | 53462 | 0.8115 | |
| 20 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 93 | 13809 | 0.0932 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 94 | 635210 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.219 | 11.220 | -0.001 | 94 | 2312938 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.472 | -0.008 | 87 | 2171746 | 10.0 | |

## QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

## Reagents:

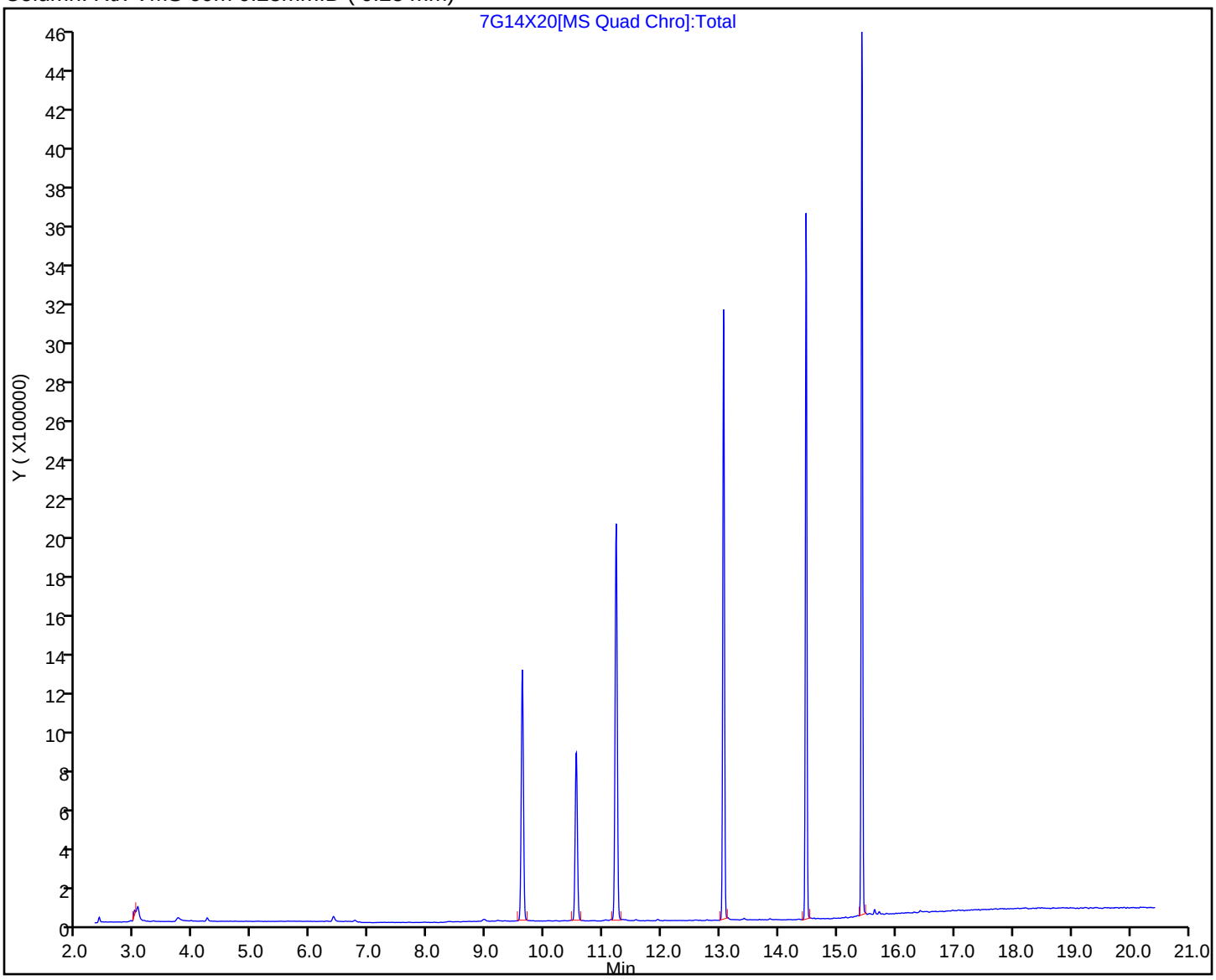
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 15-Aug-2025 14:42:43 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X20.D | | | | |
| Injection Date: | 14-Aug-2025 21:33:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237478-A-1 | Lab Sample ID: | 410-237478-1 | | |
| Client ID: | 1624 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

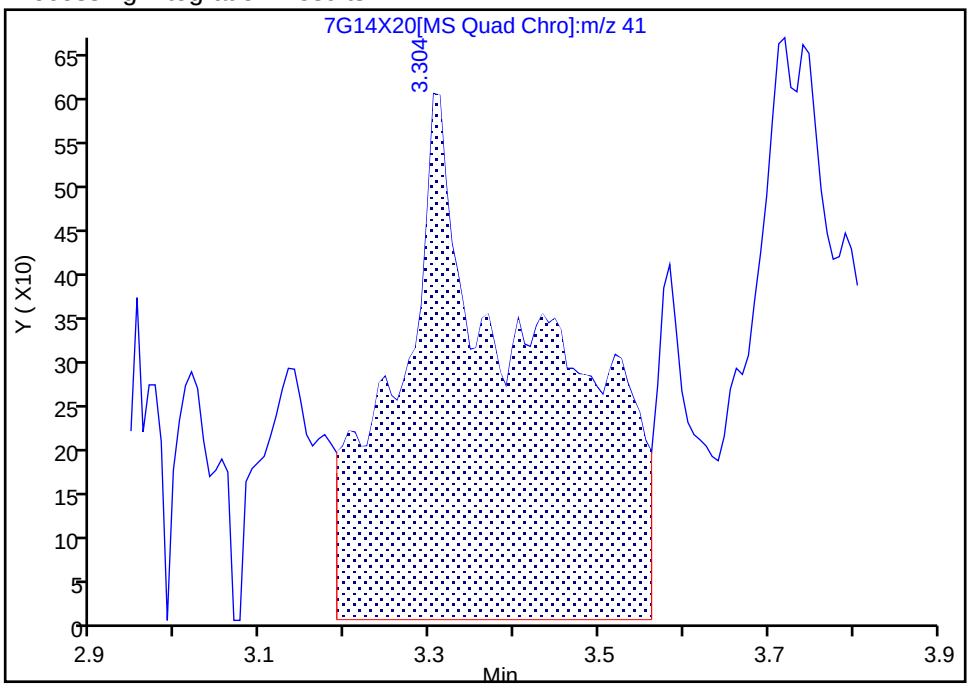
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250814-156546.b\7G14X20.D | | | | |
| Injection Date: | 14-Aug-2025 21:33:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237478-A-1 | Lab Sample ID: | 410-237478-1 | | |
| Client ID: | 1624 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Signal: 1

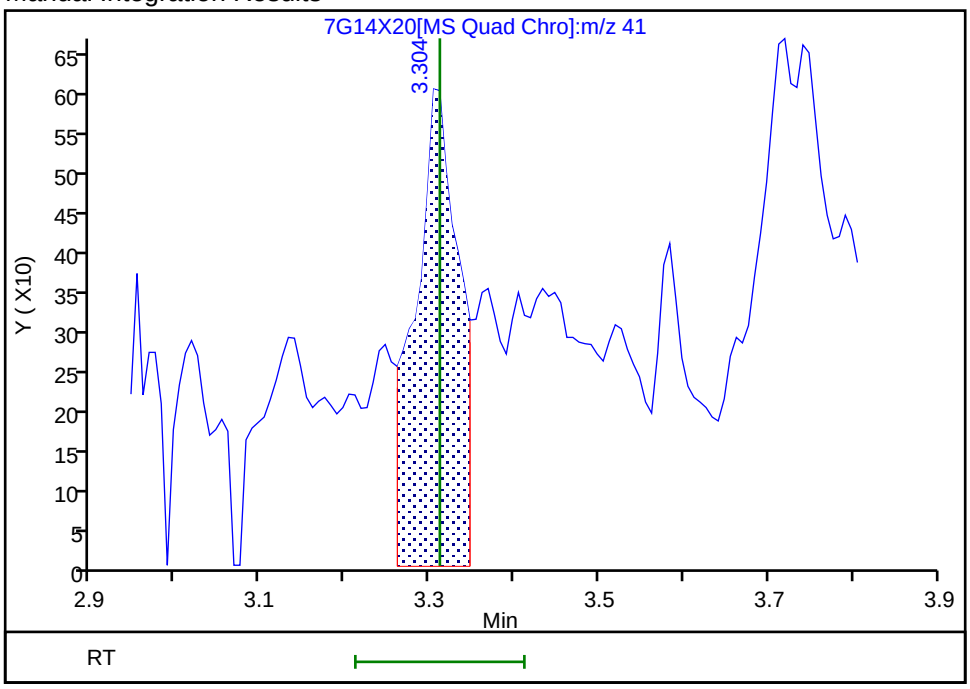
Processing Integration Results

RT: 3.30
Area: 6939
Amount: 0.258643
Amount Units: ppb v/v




Manual Integration Results

RT: 3.30
Area: 2108
Amount: 0.078573
Amount Units: ppb v/v




Reviewer: D7UM, 15-Aug-2025 13:44:10 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Client Sample ID: 883  Lab Sample ID: 410-237728-1

Matrix: Air  Lab File ID: 7G15X12.D

Analysis Method: TO-15  Date Collected: 08/15/2025 12:40

Sample wt/vol: 200(mL)  Date Analyzed: 08/15/2025 16:01

Soil Aliquot Vol:  Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID: 883
Lab Sample ID: 410-237728-1

Matrix: Air
Lab File ID: 7G15X12.D

Analysis Method: TO-15
Date Collected: 08/15/2025 12:40

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 16:01

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID: 883
Lab Sample ID: 410-237728-1

Matrix: Air
Lab File ID: 7G15X12.D

Analysis Method: TO-15
Date Collected: 08/15/2025 12:40

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 16:01

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237728-1

SDG No.:

Client Sample ID: 883
Lab Sample ID: 410-237728-1

Matrix: Air
Lab File ID: 7G15X12.D

Analysis Method: TO-15
Date Collected: 08/15/2025 12:40

Sample wt/vol: 200(mL)
Date Analyzed: 08/15/2025 16:01

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 685905
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X12.D
Lims ID: 410-237728-A-1
Client ID: 883
Sample Type: Client
Inject. Date: 15-Aug-2025 16:01:48 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc883
Misc. Info.: 410-0156691-008
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 18-Aug-2025 09:23:49 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: D7UM Date: 18-Aug-2025 08:58:25

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.385 | 6.399 | 0.000 | 91 | 18643 | 0.2930 | M |
| 21 Isopropyl alcohol | 45 | 6.607 | 6.629 | 0.008 | 43 | 6647 | 0.1204 | |
| 20 Carbon disulfide | 76 | 6.750 | 6.802 | -0.021 | 98 | 17266 | 0.1206 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.622 | -0.007 | 94 | 613433 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.227 | -0.007 | 94 | 2245954 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.465 | 0.000 | 87 | 2093169 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

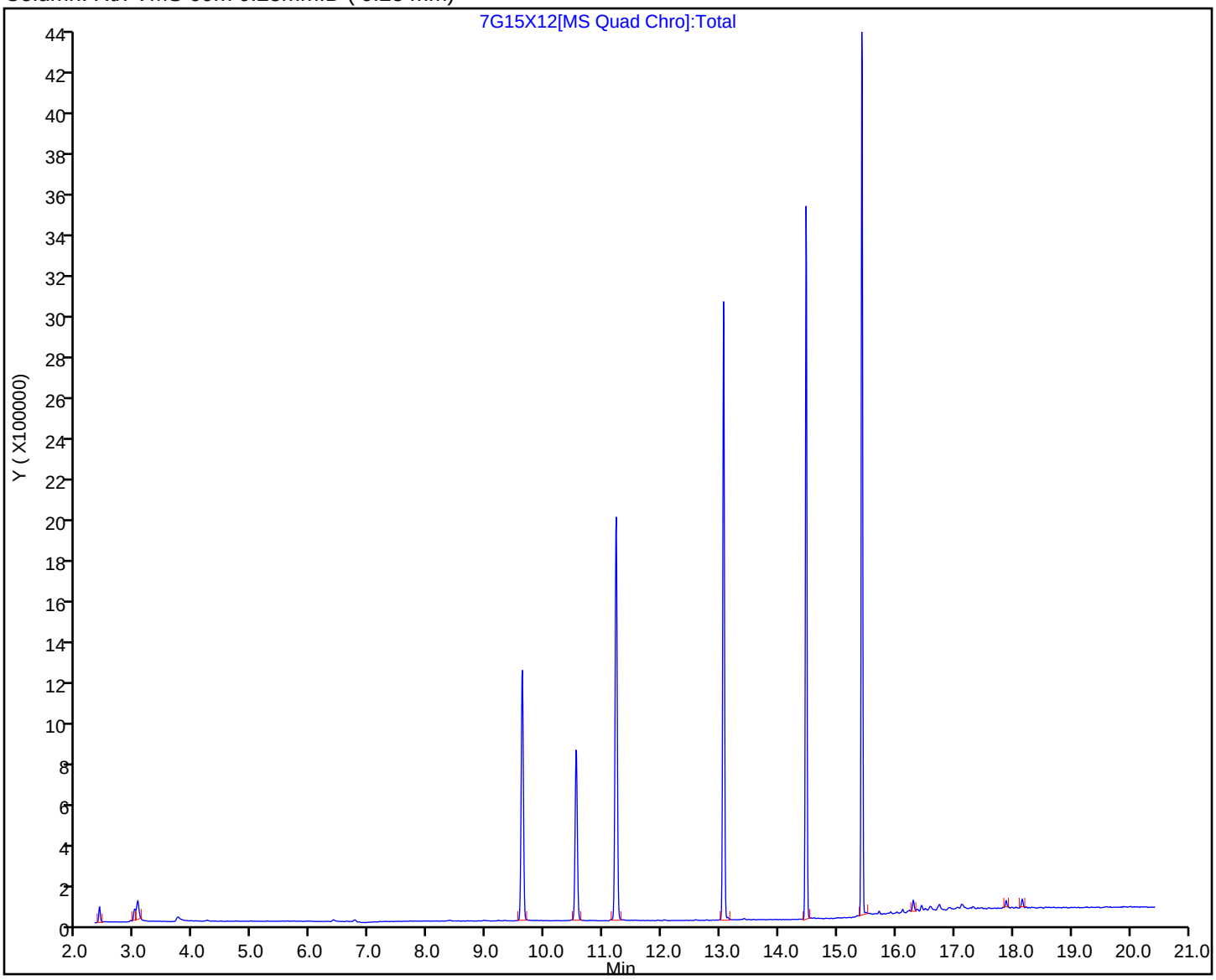
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 18-Aug-2025 09:36:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X12.D | | | | |
| Injection Date: | 15-Aug-2025 16:01:48 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237728-A-1 | Lab Sample ID: | 410-237728-1 | | |
| Client ID: | 883 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

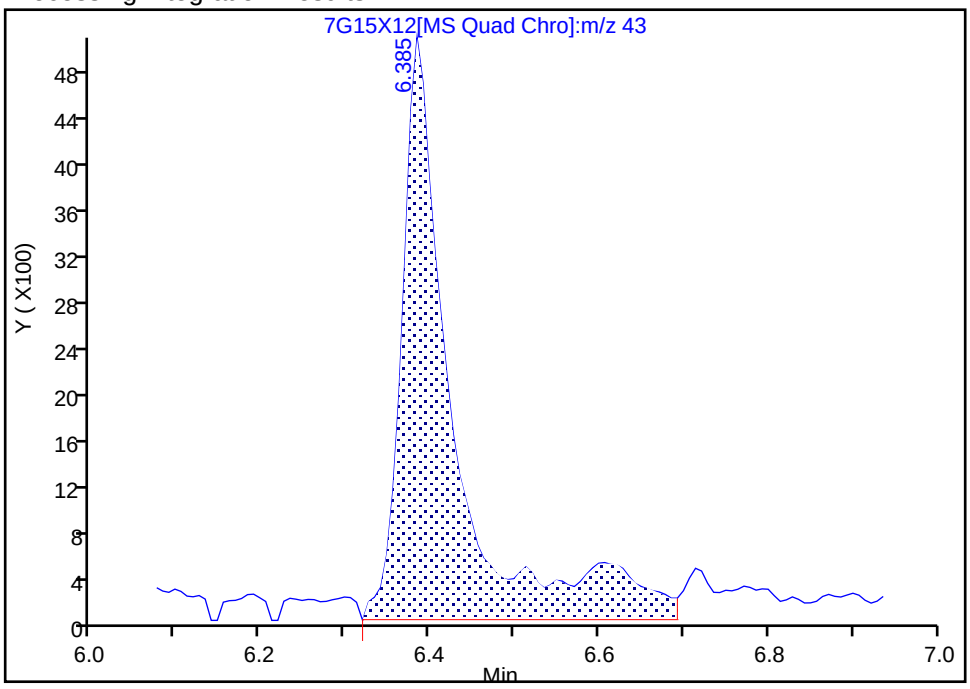
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X12.D | | | | |
| Injection Date: | 15-Aug-2025 16:01:48 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237728-A-1 | Lab Sample ID: | 410-237728-1 | | |
| Client ID: | 883 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

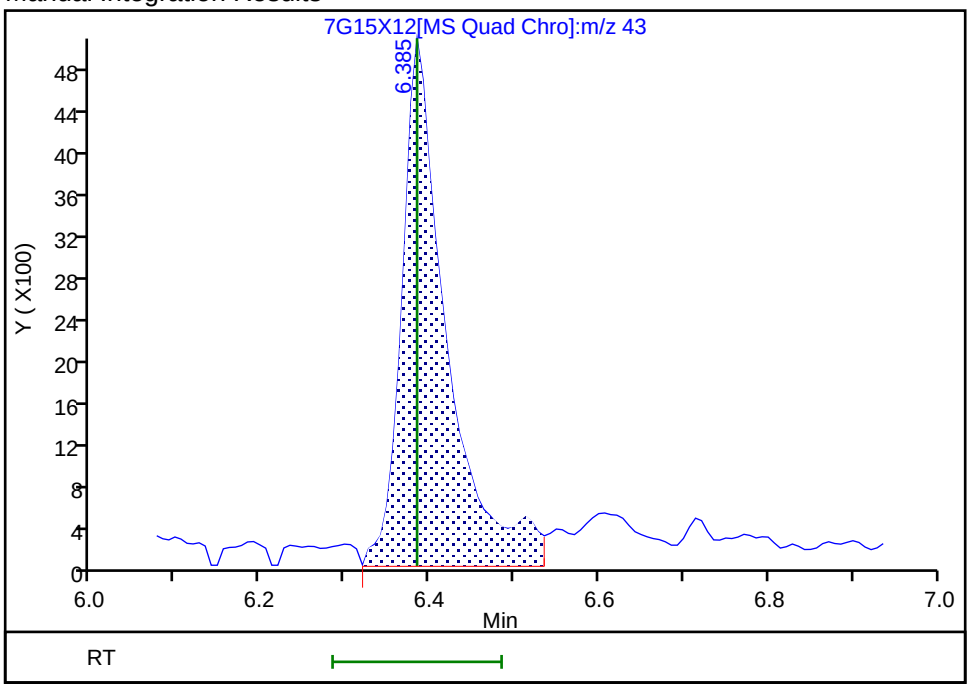
Processing Integration Results

RT: 6.38
Area: 21946
Amount: 0.344946
Amount Units: ppb v/v




Manual Integration Results

RT: 6.38
Area: 18643
Amount: 0.293030
Amount Units: ppb v/v




Reviewer: D7UM, 18-Aug-2025 08:56:45 -04:00:00 (UTC)

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

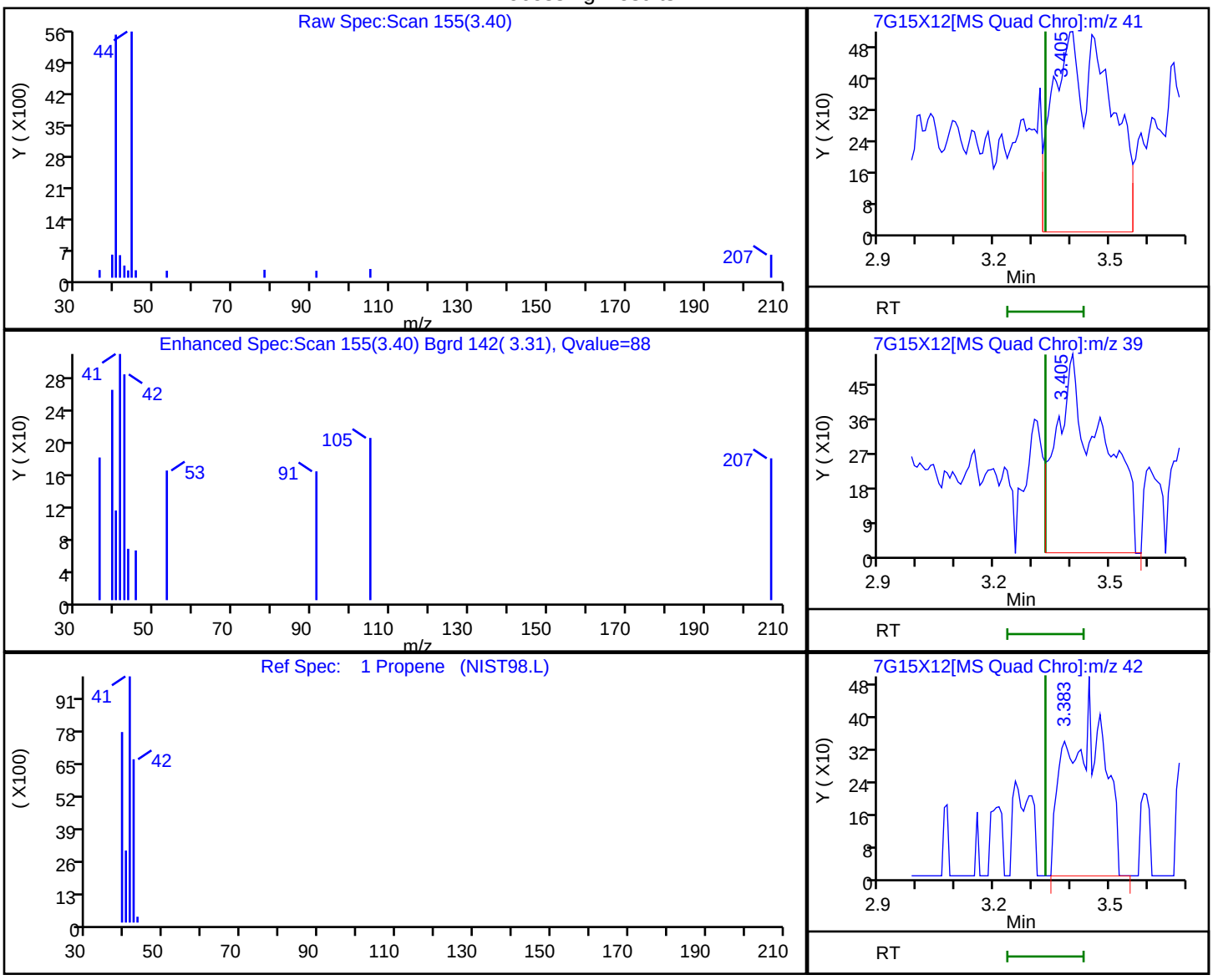
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250815-156691.b\7G15X12.D | | | | |
| Injection Date: | 15-Aug-2025 16:01:48 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237728-A-1 | Lab Sample ID: | 410-237728-1 | | |
| Client ID: | 883 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.40 | 41.00 | 5140 | 0.198389 |
| 3.40 | 39.00 | 4287 | |
| 3.38 | 42.00 | 2946 | |

Reviewer: D7UM, 18-Aug-2025 08:56:34 -04:00:00 (UTC)

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

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293<br>0.9995 | 1.1200<br>0.9946 | 1.0738<br>0.9536 | 1.0982<br>0.9313 | 0.9841<br>0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++<br>0.2273 | 0.2674<br>0.2253 | 0.2836<br>0.2208 | 0.2687<br>0.2176 | 0.2422<br>0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301<br>0.2910 | 0.4020<br>0.2939 | 0.3349<br>0.2932 | 0.3576<br>0.2872 | 0.3198<br>0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683<br>0.4530 | 0.3722<br>0.4558 | 0.4403<br>0.4638 | 0.4630<br>0.4514 | 0.4650<br>0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++<br>0.2473 | 0.3641<br>0.2414 | 0.3004<br>0.2429 | 0.2934<br>0.2380 | 0.2684<br>0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140<br>0.2386 | 0.2831<br>0.2402 | 0.2585<br>0.2415 | 0.2515<br>0.2377 | 0.2396<br>0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.1097 | 0.0960<br>0.1068 | 0.1222<br>0.1116 | 0.0845<br>0.1098 | 0.0946<br>0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++<br>0.2758 | 0.4290<br>0.2716 | 0.3161<br>0.2769 | 0.3343<br>0.2714 | 0.3011<br>0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++<br>0.4655 | 0.6993<br>0.4603 | 0.5022<br>0.4695 | 0.5609<br>0.4590 | 0.4957<br>0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089<br>0.4150 | 0.5380<br>0.4130 | 0.4487<br>0.4237 | 0.4965<br>0.4109 | 0.4550<br>0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393<br>0.4524 | 0.4075<br>0.4527 | 0.5270<br>0.4566 | 0.3889<br>0.4451 | 0.3945<br>0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++<br>0.9026 | +++++<br>0.8792 | 1.1388<br>0.8612 | 1.1320<br>0.8223 | 0.9883<br>0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310<br>0.5166 | 0.6338<br>0.5125 | 0.5949<br>0.5030 | 0.5977<br>0.4926 | 0.5420<br>0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296<br>0.3587 | 0.4318<br>0.3593 | 0.4545<br>0.3685 | 0.4303<br>0.3641 | 0.3763<br>0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980<br>0.4370 | 0.4553<br>0.4335 | 0.4738<br>0.4419 | 0.3667<br>0.4358 | 0.3975<br>0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.3055 | 0.4447<br>0.2996 | 0.3283<br>0.3050 | 0.3632<br>0.2992 | 0.3223<br>0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810<br>0.4239 | 0.4782<br>0.4186 | 0.4355<br>0.4243 | 0.5156<br>0.4137 | 0.4539<br>0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295<br>1.1379 | 1.1254<br>1.1243 | 1.1384<br>1.1106 | 1.1328<br>1.1224 | 1.1324<br>1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| Propene | CBM | Ave | +++++<br>145579 | +++++<br>304896 | 5464<br>709009 | 10108<br>1470102 | 23280<br>2259755 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795<br>618421 | 6788<br>1248693 | 25873<br>2974160 | 60182<br>5963500 | 117884<br>8884152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052<br>319275 | 2547<br>657865 | 14013<br>1543304 | 24136<br>3185472 | 50981<br>4845332 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon-114 | CBM | Ave | 3357<br>607895 | 5308<br>1253921 | 23850<br>2945227 | 43597<br>6038067 | 100967<br>9095798 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloromethane | CBM | Ave | +++++<br>192389 | +++++<br>385486 | +++++<br>895925 | 15400<br>1860708 | 34276<br>2835335 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl chloride | CBM | Ave | 892<br>224115 | 2030<br>456786 | 10241<br>1080251 | 19832<br>2227707 | 37948<br>3410098 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Butadiene | CBM | Ave | +++++<br>161119 | 2154<br>326629 | 8449<br>784206 | 17553<br>1604654 | 31057<br>2439142 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromomethane | CBM | Ave | +++++<br>183011 | 2315<br>368110 | 8202<br>890037 | 20086<br>1811771 | 38651<br>2727556 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloroethane | CBM | Ave | +++++<br>114463 | +++++<br>233040 | 6123<br>552116 | 13424<br>1133145 | 23980<br>1726767 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromoethene | CBM | Ave | +++++<br>243000 | +++++<br>504762 | 9974<br>1193475 | 25952<br>2442814 | 48266<br>3678677 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547<br>508460 | 5674<br>1031482 | 21938<br>2503386 | 56079<br>5072350 | 102992<br>7617337 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785<br>613842 | 7453<br>1237795 | 26267<br>2938368 | 61327<br>5949261 | 116816<br>8976443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Pentane | CBM | Ave | +++++<br>339076 | +++++<br>707589 | 15957<br>1693822 | 40407<br>3401785 | 74431<br>5118211 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++<br>99014 | +++++<br>192740 | 5175<br>483641 | 10693<br>985957 | 21422<br>1499881 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++<br>343961 | 4685<br>695190 | 14803<br>1689947 | 42175<br>3412697 | 74721<br>5117343 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon 113 | CBM | Ave | 2192<br>312030 | 3248<br>625046 | 16063<br>1458756 | 27730<br>3015567 | 56309<br>4639898 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetone | CBM | Ave | +++++<br>316408 | +++++<br>633341 | +++++<br>1536541 | 42091<br>3113242 | 71605<br>4712362 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Isopropanol | CBM | Ave | +++++<br>255964 | 3889<br>516072 | 13347<br>1297018 | 30291<br>2627537 | 52638<br>4083264 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Iodomethane | CBM | Ave | 2995<br>569157 | 5250<br>1176406 | 19490<br>3056034 | 63205<br>6249409 | 114457<br>9522769 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Carbon disulfide | CBM | Ave | +++++<br>716955 | +++++<br>1449418 | 38372<br>3498347 | 76496<br>7074816 | 144493<br>10637042 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetonitrile | CBM | Ave | +++++<br>88850 | +++++<br>178881 | 3384<br>466427 | 8678<br>947552 | 16516<br>1489308 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 3-Chloroprene | CBM | Ave | +++++<br>271251 | +++++<br>536674 | 12831<br>1327264 | 34333<br>2661513 | 58465<br>4056563 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methylene Chloride | CBM | Ave | +++++<br>204346 | +++++<br>403457 | 9393<br>985572 | 23286<br>2025002 | 43418<br>3081485 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>339373 | 5507<br>689181 | 18955<br>1678816 | 32063<br>3425044 | 62169<br>5322007 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14<br>85.5 |
| Acrylonitrile | CBM | Ave | +++++<br>179576 | +++++<br>359872 | 7480<br>912173 | 20546<br>1861483 | 35038<br>2866505 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121<br>674954 | 7442<br>1361121 | 35239<br>3258510 | 61562<br>6622272 | 127066<br>10014099 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++<br>361390 | 5040<br>729721 | 15484<br>1766338 | 42572<br>3561680 | 76739<br>5404236 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexane | CBM | Ave | +++++<br>180068 | +++++<br>360775 | 7727<br>879844 | 23899<br>1749205 | 40278<br>2659267 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl acetate | CBM | Ave | +++++<br>63894 | 994<br>130146 | 2395<br>324968 | 7399<br>666258 | 13697<br>1021868 | +++++<br>5.65 | 0.0565<br>11.3 | 0.226<br>28.3 | 0.565<br>56.5 | 1.13<br>84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++<br>423257 | 5345<br>841860 | 18982<br>2072645 | 52286<br>4157929 | 92293<br>6285188 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| di-Isopropyl ether | CBM | Ave | 2871<br>742613 | 7873<br>1479012 | 30915<br>3573695 | 70168<br>7194885 | 144421<br>10812652 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888<br>775137 | 7980<br>1547996 | 32441<br>3747181 | 70478<br>7599049 | 149550<br>11410476 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293<br>0.9995 | 1.1200<br>0.9946 | 1.0738<br>0.9536 | 1.0982<br>0.9313 | 0.9841<br>0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++<br>0.2273 | 0.2674<br>0.2253 | 0.2836<br>0.2208 | 0.2687<br>0.2176 | 0.2422<br>0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301<br>0.2910 | 0.4020<br>0.2939 | 0.3349<br>0.2932 | 0.3576<br>0.2872 | 0.3198<br>0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683<br>0.4530 | 0.3722<br>0.4558 | 0.4403<br>0.4638 | 0.4630<br>0.4514 | 0.4650<br>0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++<br>0.2473 | 0.3641<br>0.2414 | 0.3004<br>0.2429 | 0.2934<br>0.2380 | 0.2684<br>0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140<br>0.2386 | 0.2831<br>0.2402 | 0.2585<br>0.2415 | 0.2515<br>0.2377 | 0.2396<br>0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.1097 | 0.0960<br>0.1068 | 0.1222<br>0.1116 | 0.0845<br>0.1098 | 0.0946<br>0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++<br>0.2758 | 0.4290<br>0.2716 | 0.3161<br>0.2769 | 0.3343<br>0.2714 | 0.3011<br>0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++<br>0.4655 | 0.6993<br>0.4603 | 0.5022<br>0.4695 | 0.5609<br>0.4590 | 0.4957<br>0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089<br>0.4150 | 0.5380<br>0.4130 | 0.4487<br>0.4237 | 0.4965<br>0.4109 | 0.4550<br>0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393<br>0.4524 | 0.4075<br>0.4527 | 0.5270<br>0.4566 | 0.3889<br>0.4451 | 0.3945<br>0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++<br>0.9026 | +++++<br>0.8792 | 1.1388<br>0.8612 | 1.1320<br>0.8223 | 0.9883<br>0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310<br>0.5166 | 0.6338<br>0.5125 | 0.5949<br>0.5030 | 0.5977<br>0.4926 | 0.5420<br>0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296<br>0.3587 | 0.4318<br>0.3593 | 0.4545<br>0.3685 | 0.4303<br>0.3641 | 0.3763<br>0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980<br>0.4370 | 0.4553<br>0.4335 | 0.4738<br>0.4419 | 0.3667<br>0.4358 | 0.3975<br>0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.3055 | 0.4447<br>0.2996 | 0.3283<br>0.3050 | 0.3632<br>0.2992 | 0.3223<br>0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810<br>0.4239 | 0.4782<br>0.4186 | 0.4355<br>0.4243 | 0.5156<br>0.4137 | 0.4539<br>0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295 1.1379 | 1.1254 1.1243 | 1.1384 1.1106 | 1.1328 1.1224 | 1.1324 1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| Propene | CBM | Ave | +++++ | +++++ | 5464 | 10108 | 23280 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 145579 | 304896 | 709009 | 1470102 | 2259755 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795 | 6788 | 25873 | 60182 | 117884 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 618421 | 1248693 | 2974160 | 5963500 | 8884152 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052 | 2547 | 14013 | 24136 | 50981 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 319275 | 657865 | 1543304 | 3185472 | 4845332 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon-114 | CBM | Ave | 3357 | 5308 | 23850 | 43597 | 100967 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 607895 | 1253921 | 2945227 | 6038067 | 9095798 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloromethane | CBM | Ave | +++++ | +++++ | +++++ | 15400 | 34276 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 192389 | 385486 | 895925 | 1860708 | 2835335 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl chloride | CBM | Ave | 892 | 2030 | 10241 | 19832 | 37948 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 224115 | 456786 | 1080251 | 2227707 | 3410098 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,3-Butadiene | CBM | Ave | +++++ | 2154 | 8449 | 17553 | 31057 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 161119 | 326629 | 784206 | 1604654 | 2439142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromomethane | CBM | Ave | +++++ | 2315 | 8202 | 20086 | 38651 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 183011 | 368110 | 890037 | 1811771 | 2727556 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroethane | CBM | Ave | +++++ | +++++ | 6123 | 13424 | 23980 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 114463 | 233040 | 552116 | 1133145 | 1726767 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoethene | CBM | Ave | +++++ | +++++ | 9974 | 25952 | 48266 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 243000 | 504762 | 1193475 | 2442814 | 3678677 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547 | 5674 | 21938 | 56079 | 102992 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 508460 | 1031482 | 2503386 | 5072350 | 7617337 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785 | 7453 | 26267 | 61327 | 116816 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 613842 | 1237795 | 2938368 | 5949261 | 8976443 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Pentane | CBM | Ave | +++++ | +++++ | 15957 | 40407 | 74431 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 339076 | 707589 | 1693822 | 3401785 | 5118211 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++ | +++++ | 5175 | 10693 | 21422 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 99014 | 192740 | 483641 | 985957 | 1499881 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++ | 4685 | 14803 | 42175 | 74721 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 343961 | 695190 | 1689947 | 3412697 | 5117343 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon 113 | CBM | Ave | 2192 | 3248 | 16063 | 27730 | 56309 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 312030 | 625046 | 1458756 | 3015567 | 4639898 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetone | CBM | Ave | +++++ | +++++ | +++++ | 42091 | 71605 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 316408 | 633341 | 1536541 | 3113242 | 4712362 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isopropanol | CBM | Ave | +++++ | 3889 | 13347 | 30291 | 52638 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 255964 | 516072 | 1297018 | 2627537 | 4083264 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Iodomethane | CBM | Ave | 2995 | 5250 | 19490 | 63205 | 114457 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 569157 | 1176406 | 3056034 | 6249409 | 9522769 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon disulfide | CBM | Ave | +++++ | +++++ | 38372 | 76496 | 144493 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 716955 | 1449418 | 3498347 | 7074816 | 10637042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetonitrile | CBM | Ave | +++++ | +++++ | 3384 | 8678 | 16516 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 88850 | 178881 | 466427 | 947552 | 1489308 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 3-Chloroprene | CBM | Ave | +++++ | +++++ | 12831 | 34333 | 58465 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 271251 | 536674 | 1327264 | 2661513 | 4056563 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methylene Chloride | CBM | Ave | +++++ | +++++ | 9393 | 23286 | 43418 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 204346 | 403457 | 985572 | 2025002 | 3081485 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++ | 5507 | 18955 | 32063 | 62169 | +++++ | 0.0570 | 0.228 | 0.570 | 1.14 |
| | | | 339373 | 689181 | 1678816 | 3425044 | 5322007 | 5.70 | 11.4 | 28.5 | 57.0 | 85.5 |
| Acrylonitrile | CBM | Ave | +++++ | +++++ | 7480 | 20546 | 35038 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 179576 | 359872 | 912173 | 1861483 | 2866505 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121 | 7442 | 35239 | 61562 | 127066 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 674954 | 1361121 | 3258510 | 6622272 | 10014099 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++ | 5040 | 15484 | 42572 | 76739 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 361390 | 729721 | 1766338 | 3561680 | 5404236 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Hexane | CBM | Ave | +++++ | +++++ | 7727 | 23899 | 40278 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 180068 | 360775 | 879844 | 1749205 | 2659267 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl acetate | CBM | Ave | +++++ | 994 | 2395 | 7399 | 13697 | +++++ | 0.0565 | 0.226 | 0.565 | 1.13 |
| | | | 63894 | 130146 | 324968 | 666258 | 1021868 | 5.65 | 11.3 | 28.3 | 56.5 | 84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++ | 5345 | 18982 | 52286 | 92293 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 423257 | 841860 | 2072645 | 4157929 | 6285188 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| di-Isopropyl ether | CBM | Ave | 2871 | 7873 | 30915 | 70168 | 144421 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 742613 | 1479012 | 3573695 | 7194885 | 10812652 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888 | 7980 | 32441 | 70478 | 149550 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 775137 | 1547996 | 3747181 | 7599049 | 11410476 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293 0.9995 | 1.1200 0.9946 | 1.0738 0.9536 | 1.0982 0.9313 | 0.9841 0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++ 0.2273 | 0.2674 0.2253 | 0.2836 0.2208 | 0.2687 0.2176 | 0.2422 0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301 0.2910 | 0.4020 0.2939 | 0.3349 0.2932 | 0.3576 0.2872 | 0.3198 0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683 0.4530 | 0.3722 0.4558 | 0.4403 0.4638 | 0.4630 0.4514 | 0.4650 0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2473 | 0.3641 0.2414 | 0.3004 0.2429 | 0.2934 0.2380 | 0.2684 0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140 0.2386 | 0.2831 0.2402 | 0.2585 0.2415 | 0.2515 0.2377 | 0.2396 0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1097 | 0.0960 0.1068 | 0.1222 0.1116 | 0.0845 0.1098 | 0.0946 0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++ 0.2758 | 0.4290 0.2716 | 0.3161 0.2769 | 0.3343 0.2714 | 0.3011 0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.4655 | 0.6993 0.4603 | 0.5022 0.4695 | 0.5609 0.4590 | 0.4957 0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089 0.4150 | 0.5380 0.4130 | 0.4487 0.4237 | 0.4965 0.4109 | 0.4550 0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393 0.4524 | 0.4075 0.4527 | 0.5270 0.4566 | 0.3889 0.4451 | 0.3945 0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++ 0.9026 | +++++ 0.8792 | 1.1388 0.8612 | 1.1320 0.8223 | 0.9883 0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310 0.5166 | 0.6338 0.5125 | 0.5949 0.5030 | 0.5977 0.4926 | 0.5420 0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296 0.3587 | 0.4318 0.3593 | 0.4545 0.3685 | 0.4303 0.3641 | 0.3763 0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980 0.4370 | 0.4553 0.4335 | 0.4738 0.4419 | 0.3667 0.4358 | 0.3975 0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3055 | 0.4447 0.2996 | 0.3283 0.3050 | 0.3632 0.2992 | 0.3223 0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810 0.4239 | 0.4782 0.4186 | 0.4355 0.4243 | 0.5156 0.4137 | 0.4539 0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295 1.1379 | 1.1254 1.1243 | 1.1384 1.1106 | 1.1328 1.1224 | 1.1324 1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| Propene | CBM | Ave | +++++<br>145579 | +++++<br>304896 | 5464<br>709009 | 10108<br>1470102 | 23280<br>2259755 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795<br>618421 | 6788<br>1248693 | 25873<br>2974160 | 60182<br>5963500 | 117884<br>8884152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052<br>319275 | 2547<br>657865 | 14013<br>1543304 | 24136<br>3185472 | 50981<br>4845332 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon-114 | CBM | Ave | 3357<br>607895 | 5308<br>1253921 | 23850<br>2945227 | 43597<br>6038067 | 100967<br>9095798 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloromethane | CBM | Ave | +++++<br>192389 | +++++<br>385486 | +++++<br>895925 | 15400<br>1860708 | 34276<br>2835335 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl chloride | CBM | Ave | 892<br>224115 | 2030<br>456786 | 10241<br>1080251 | 19832<br>2227707 | 37948<br>3410098 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Butadiene | CBM | Ave | +++++<br>161119 | 2154<br>326629 | 8449<br>784206 | 17553<br>1604654 | 31057<br>2439142 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromomethane | CBM | Ave | +++++<br>183011 | 2315<br>368110 | 8202<br>890037 | 20086<br>1811771 | 38651<br>2727556 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloroethane | CBM | Ave | +++++<br>114463 | +++++<br>233040 | 6123<br>552116 | 13424<br>1133145 | 23980<br>1726767 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromoethene | CBM | Ave | +++++<br>243000 | +++++<br>504762 | 9974<br>1193475 | 25952<br>2442814 | 48266<br>3678677 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547<br>508460 | 5674<br>1031482 | 21938<br>2503386 | 56079<br>5072350 | 102992<br>7617337 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785<br>613842 | 7453<br>1237795 | 26267<br>2938368 | 61327<br>5949261 | 116816<br>8976443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Pentane | CBM | Ave | +++++<br>339076 | +++++<br>707589 | 15957<br>1693822 | 40407<br>3401785 | 74431<br>5118211 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++ | +++++ | 5175 | 10693 | 21422 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 99014 | 192740 | 483641 | 985957 | 1499881 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++ | 4685 | 14803 | 42175 | 74721 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 343961 | 695190 | 1689947 | 3412697 | 5117343 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon 113 | CBM | Ave | 2192 | 3248 | 16063 | 27730 | 56309 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 312030 | 625046 | 1458756 | 3015567 | 4639898 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetone | CBM | Ave | +++++ | +++++ | +++++ | 42091 | 71605 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 316408 | 633341 | 1536541 | 3113242 | 4712362 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isopropanol | CBM | Ave | +++++ | 3889 | 13347 | 30291 | 52638 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 255964 | 516072 | 1297018 | 2627537 | 4083264 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Iodomethane | CBM | Ave | 2995 | 5250 | 19490 | 63205 | 114457 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 569157 | 1176406 | 3056034 | 6249409 | 9522769 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon disulfide | CBM | Ave | +++++ | +++++ | 38372 | 76496 | 144493 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 716955 | 1449418 | 3498347 | 7074816 | 10637042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetonitrile | CBM | Ave | +++++ | +++++ | 3384 | 8678 | 16516 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 88850 | 178881 | 466427 | 947552 | 1489308 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 3-Chloroprene | CBM | Ave | +++++ | +++++ | 12831 | 34333 | 58465 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 271251 | 536674 | 1327264 | 2661513 | 4056563 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methylene Chloride | CBM | Ave | +++++ | +++++ | 9393 | 23286 | 43418 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 204346 | 403457 | 985572 | 2025002 | 3081485 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++ | 5507 | 18955 | 32063 | 62169 | +++++ | 0.0570 | 0.228 | 0.570 | 1.14 |
| | | | 339373 | 689181 | 1678816 | 3425044 | 5322007 | 5.70 | 11.4 | 28.5 | 57.0 | 85.5 |
| Acrylonitrile | CBM | Ave | +++++ | +++++ | 7480 | 20546 | 35038 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 179576 | 359872 | 912173 | 1861483 | 2866505 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121 | 7442 | 35239 | 61562 | 127066 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 674954 | 1361121 | 3258510 | 6622272 | 10014099 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++ | 5040 | 15484 | 42572 | 76739 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 361390 | 729721 | 1766338 | 3561680 | 5404236 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Hexane | CBM | Ave | +++++ | +++++ | 7727 | 23899 | 40278 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 180068 | 360775 | 879844 | 1749205 | 2659267 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl acetate | CBM | Ave | +++++ | 994 | 2395 | 7399 | 13697 | +++++ | 0.0565 | 0.226 | 0.565 | 1.13 |
| | | | 63894 | 130146 | 324968 | 666258 | 1021868 | 5.65 | 11.3 | 28.3 | 56.5 | 84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++ | 5345 | 18982 | 52286 | 92293 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 423257 | 841860 | 2072645 | 4157929 | 6285188 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| di-Isopropyl ether | CBM | Ave | 2871 | 7873 | 30915 | 70168 | 144421 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 742613 | 1479012 | 3573695 | 7194885 | 10812652 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888 | 7980 | 32441 | 70478 | 149550 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 775137 | 1547996 | 3747181 | 7599049 | 11410476 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293 0.9995 | 1.1200 0.9946 | 1.0738 0.9536 | 1.0982 0.9313 | 0.9841 0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++ 0.2273 | 0.2674 0.2253 | 0.2836 0.2208 | 0.2687 0.2176 | 0.2422 0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301 0.2910 | 0.4020 0.2939 | 0.3349 0.2932 | 0.3576 0.2872 | 0.3198 0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683 0.4530 | 0.3722 0.4558 | 0.4403 0.4638 | 0.4630 0.4514 | 0.4650 0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2473 | 0.3641 0.2414 | 0.3004 0.2429 | 0.2934 0.2380 | 0.2684 0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140 0.2386 | 0.2831 0.2402 | 0.2585 0.2415 | 0.2515 0.2377 | 0.2396 0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1097 | 0.0960 0.1068 | 0.1222 0.1116 | 0.0845 0.1098 | 0.0946 0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++ 0.2758 | 0.4290 0.2716 | 0.3161 0.2769 | 0.3343 0.2714 | 0.3011 0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.4655 | 0.6993 0.4603 | 0.5022 0.4695 | 0.5609 0.4590 | 0.4957 0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089 0.4150 | 0.5380 0.4130 | 0.4487 0.4237 | 0.4965 0.4109 | 0.4550 0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393 0.4524 | 0.4075 0.4527 | 0.5270 0.4566 | 0.3889 0.4451 | 0.3945 0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++ 0.9026 | +++++ 0.8792 | 1.1388 0.8612 | 1.1320 0.8223 | 0.9883 0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310 0.5166 | 0.6338 0.5125 | 0.5949 0.5030 | 0.5977 0.4926 | 0.5420 0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296 0.3587 | 0.4318 0.3593 | 0.4545 0.3685 | 0.4303 0.3641 | 0.3763 0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980 0.4370 | 0.4553 0.4335 | 0.4738 0.4419 | 0.3667 0.4358 | 0.3975 0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3055 | 0.4447 0.2996 | 0.3283 0.3050 | 0.3632 0.2992 | 0.3223 0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810 0.4239 | 0.4782 0.4186 | 0.4355 0.4243 | 0.5156 0.4137 | 0.4539 0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295<br>1.1379 | 1.1254<br>1.1243 | 1.1384<br>1.1106 | 1.1328<br>1.1224 | 1.1324<br>1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| Propene | CBM | Ave | +++++ | +++++ | 5464 | 10108 | 23280 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 145579 | 304896 | 709009 | 1470102 | 2259755 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795 | 6788 | 25873 | 60182 | 117884 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 618421 | 1248693 | 2974160 | 5963500 | 8884152 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052 | 2547 | 14013 | 24136 | 50981 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 319275 | 657865 | 1543304 | 3185472 | 4845332 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon-114 | CBM | Ave | 3357 | 5308 | 23850 | 43597 | 100967 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 607895 | 1253921 | 2945227 | 6038067 | 9095798 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloromethane | CBM | Ave | +++++ | +++++ | +++++ | 15400 | 34276 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 192389 | 385486 | 895925 | 1860708 | 2835335 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl chloride | CBM | Ave | 892 | 2030 | 10241 | 19832 | 37948 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 224115 | 456786 | 1080251 | 2227707 | 3410098 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,3-Butadiene | CBM | Ave | +++++ | 2154 | 8449 | 17553 | 31057 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 161119 | 326629 | 784206 | 1604654 | 2439142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromomethane | CBM | Ave | +++++ | 2315 | 8202 | 20086 | 38651 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 183011 | 368110 | 890037 | 1811771 | 2727556 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroethane | CBM | Ave | +++++ | +++++ | 6123 | 13424 | 23980 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 114463 | 233040 | 552116 | 1133145 | 1726767 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoethene | CBM | Ave | +++++ | +++++ | 9974 | 25952 | 48266 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 243000 | 504762 | 1193475 | 2442814 | 3678677 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547 | 5674 | 21938 | 56079 | 102992 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 508460 | 1031482 | 2503386 | 5072350 | 7617337 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785 | 7453 | 26267 | 61327 | 116816 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 613842 | 1237795 | 2938368 | 5949261 | 8976443 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Pentane | CBM | Ave | +++++ | +++++ | 15957 | 40407 | 74431 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 339076 | 707589 | 1693822 | 3401785 | 5118211 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++ | +++++ | 5175 | 10693 | 21422 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 99014 | 192740 | 483641 | 985957 | 1499881 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++ | 4685 | 14803 | 42175 | 74721 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 343961 | 695190 | 1689947 | 3412697 | 5117343 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon 113 | CBM | Ave | 2192 | 3248 | 16063 | 27730 | 56309 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 312030 | 625046 | 1458756 | 3015567 | 4639898 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetone | CBM | Ave | +++++ | +++++ | +++++ | 42091 | 71605 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 316408 | 633341 | 1536541 | 3113242 | 4712362 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isopropanol | CBM | Ave | +++++ | 3889 | 13347 | 30291 | 52638 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 255964 | 516072 | 1297018 | 2627537 | 4083264 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Iodomethane | CBM | Ave | 2995 | 5250 | 19490 | 63205 | 114457 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 569157 | 1176406 | 3056034 | 6249409 | 9522769 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon disulfide | CBM | Ave | +++++ | +++++ | 38372 | 76496 | 144493 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 716955 | 1449418 | 3498347 | 7074816 | 10637042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetonitrile | CBM | Ave | +++++ | +++++ | 3384 | 8678 | 16516 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 88850 | 178881 | 466427 | 947552 | 1489308 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 3-Chloroprene | CBM | Ave | +++++ | +++++ | 12831 | 34333 | 58465 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 271251 | 536674 | 1327264 | 2661513 | 4056563 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methylene Chloride | CBM | Ave | +++++ | +++++ | 9393 | 23286 | 43418 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 204346 | 403457 | 985572 | 2025002 | 3081485 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++ | 5507 | 18955 | 32063 | 62169 | +++++ | 0.0570 | 0.228 | 0.570 | 1.14 |
| | | | 339373 | 689181 | 1678816 | 3425044 | 5322007 | 5.70 | 11.4 | 28.5 | 57.0 | 85.5 |
| Acrylonitrile | CBM | Ave | +++++ | +++++ | 7480 | 20546 | 35038 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 179576 | 359872 | 912173 | 1861483 | 2866505 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121 | 7442 | 35239 | 61562 | 127066 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 674954 | 1361121 | 3258510 | 6622272 | 10014099 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++ | 5040 | 15484 | 42572 | 76739 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 361390 | 729721 | 1766338 | 3561680 | 5404236 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Hexane | CBM | Ave | +++++ | +++++ | 7727 | 23899 | 40278 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 180068 | 360775 | 879844 | 1749205 | 2659267 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl acetate | CBM | Ave | +++++ | 994 | 2395 | 7399 | 13697 | +++++ | 0.0565 | 0.226 | 0.565 | 1.13 |
| | | | 63894 | 130146 | 324968 | 666258 | 1021868 | 5.65 | 11.3 | 28.3 | 56.5 | 84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++ | 5345 | 18982 | 52286 | 92293 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 423257 | 841860 | 2072645 | 4157929 | 6285188 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| di-Isopropyl ether | CBM | Ave | 2871 | 7873 | 30915 | 70168 | 144421 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 742613 | 1479012 | 3573695 | 7194885 | 10812652 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888 | 7980 | 32441 | 70478 | 149550 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 775137 | 1547996 | 3747181 | 7599049 | 11410476 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: CCVIS 410-683384/3  Calibration Date: 08/10/2025 22:27

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G10X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5242 | | 12.4 | 10.0 | 24.1 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.952 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.088 | | 12.0 | 10.0 | 20.2 | 30.0 |
| Freon-114 | Ave | 1.796 | 2.057 | | 11.5 | 10.0 | 14.5 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6816 | | 12.2 | 10.0 | 22.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7918 | | 11.9 | 10.0 | 18.6 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5536 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5448 | | 9.05 | 10.0 | -9.5 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3973 | | 10.5 | 10.0 | 4.6 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7362 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.740 | | 10.7 | 10.0 | 6.5 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.872 | | 9.43 | 10.0 | -5.7 | 30.0 |
| Pentane | Ave | 1.122 | 1.172 | | 10.4 | 10.0 | 4.4 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1699 | | 14.1 | 11.6 | 21.6 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2690 | | 11.2 | 11.6 | -3.7 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.086 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Acetone | Ave | 1.037 | 1.075 | | 10.4 | 10.0 | 3.7 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9833 | | 9.70 | 10.0 | -3.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.9055 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.747 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.509 | | 10.8 | 10.0 | 7.5 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2948 | | 14.2 | 11.6 | 22.7 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8520 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6757 | | 10.3 | 10.0 | 2.6 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9529 | | 10.6 | 11.4 | -7.0 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6437 | | 11.2 | 10.0 | 11.6 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.983 | | 9.04 | 10.0 | -9.6 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.210 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5924 | | 10.0 | 10.0 | 0.1 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1593 | | 9.33 | 11.3 | -17.5 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.423 | | 10.1 | 10.0 | 0.5 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.482 | | 11.1 | 10.0 | 10.7 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.253 | | 9.44 | 10.0 | -5.6 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3984 | | 9.43 | 10.0 | -5.7 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.338 | | 9.73 | 10.0 | -2.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2137 | | 9.32 | 10.0 | -6.8 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.409 | | 9.97 | 10.0 | -0.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.8122 | | 9.85 | 10.0 | -1.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.660 | | 9.37 | 10.0 | -6.3 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.557 | | 9.39 | 10.0 | -6.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: CCVIS 410-683384/3  Calibration Date: 08/10/2025 22:27

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G10X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.190 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.519 | | 8.55 | 10.0 | -14.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.7098 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2900 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6073 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Isooctane | Ave | 1.010 | 1.117 | | 11.1 | 10.0 | 10.6 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2305 | | 9.56 | 10.0 | -4.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3068 | | 9.31 | 10.0 | -6.9 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4695 | | 11.0 | 10.0 | 9.7 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2838 | | 10.5 | 10.0 | 5.0 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2430 | | 9.96 | 10.0 | -0.5 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1302 | | 12.4 | 10.0 | 23.9 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2719 | | 8.91 | 10.0 | -10.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.5025 | | 9.91 | 10.0 | -0.9 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4196 | | 9.09 | 10.0 | -9.1 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4988 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Toluene | Ave | 0.9368 | 0.9214 | | 9.84 | 10.0 | -1.6 | 30.0 |
| Octane | Ave | 0.5598 | 0.5640 | | 10.1 | 10.0 | 0.8 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3645 | | 9.28 | 10.0 | -7.2 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4354 | | 10.5 | 10.0 | 4.6 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3301 | | 10.0 | 10.0 | 0.4 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4265 | | 9.38 | 10.0 | -6.2 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.5133 | | 12.1 | 10.0 | 20.7 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4215 | | 9.16 | 10.0 | -8.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4969 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.7105 | | 9.53 | 10.0 | -4.7 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3708 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.149 | | 9.81 | 10.0 | -2.0 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8927 | | 20.9 | 20.0 | 4.6 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8879 | | 9.84 | 10.0 | -1.6 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6955 | | 9.94 | 10.0 | -0.6 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4871 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Cumene | Ave | 1.250 | 1.184 | | 9.48 | 10.0 | -5.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.7272 | | 11.3 | 10.0 | 13.2 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1802 | | 10.5 | 10.0 | 4.9 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3996 | | 9.33 | 10.0 | -6.7 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3270 | | 9.38 | 10.0 | -6.2 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.3072 | | 9.25 | 10.0 | -7.6 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.203 | | 10.8 | 10.0 | 8.1 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.026 | | 10.8 | 10.0 | 7.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Lab Sample ID: CCVIS 410-683384/3  Calibration Date: 08/10/2025 22:27

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G10X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4597 | | 11.3 | 11.6 | -2.9 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9616 | | 10.6 | 10.0 | 6.3 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 1.039 | | 10.6 | 10.0 | 6.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.467 | | 10.7 | 10.0 | 6.9 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.168 | | 10.5 | 10.0 | 5.3 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6887 | | 9.96 | 10.0 | -0.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6882 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1700 | | 8.47 | 10.0 | -15.3 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.6213 | | 10.3 | 10.0 | 3.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6513 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3565 | | 8.56 | 10.0 | -14.4 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3192 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4687 | | 8.49 | 10.0 | -15.1 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3910 | | 9.19 | 10.0 | -8.1 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.096 | | 8.66 | 10.0 | -13.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5031 | | 11.9 | 10.0 | 19.1 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.856 | | 9.45 | 10.0 | -5.6 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.009 | | 11.2 | 10.0 | 11.5 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.941 | | 10.8 | 10.0 | 8.1 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6456 | | 11.6 | 10.0 | 15.8 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7567 | | 11.3 | 10.0 | 13.4 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5313 | | 9.82 | 10.0 | -1.8 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5334 | | 8.86 | 10.0 | -11.4 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3770 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7259 | | 9.48 | 10.0 | -5.2 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.648 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.798 | | 9.05 | 10.0 | -9.5 | 30.0 |
| Pentane | Ave | 1.122 | 1.116 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1632 | | 13.6 | 11.6 | 16.9 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2692 | | 11.2 | 11.6 | -3.7 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.067 | | 9.20 | 10.0 | -8.0 | 30.0 |
| Acetone | Ave | 1.037 | 0.999 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9622 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.8873 | | 9.86 | 10.0 | -1.4 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.633 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.391 | | 10.3 | 10.0 | 2.5 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2775 | | 13.4 | 11.6 | 15.5 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8234 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6475 | | 9.83 | 10.0 | -1.7 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9572 | | 10.7 | 11.4 | -6.6 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6005 | | 10.4 | 10.0 | 4.1 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.957 | | 8.92 | 10.0 | -10.8 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.142 | | 9.43 | 10.0 | -5.7 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5692 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1582 | | 9.26 | 11.3 | -18.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.351 | | 9.54 | 10.0 | -4.6 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.361 | | 10.5 | 10.0 | 5.3 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.230 | | 9.35 | 10.0 | -6.5 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3909 | | 9.25 | 10.0 | -7.5 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.278 | | 9.29 | 10.0 | -7.1 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2066 | | 9.01 | 10.0 | -9.9 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.370 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7933 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Chloroform | Ave | 1.772 | 1.599 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.497 | | 9.03 | 10.0 | -9.7 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.156 | | 9.38 | 10.0 | -6.2 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.451 | | 8.17 | 10.0 | -18.3 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6426 | | 9.25 | 10.0 | -7.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2644 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5778 | | 9.63 | 10.0 | -3.7 | 30.0 |
| Isooctane | Ave | 1.010 | 1.023 | | 10.1 | 10.0 | 1.3 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2168 | | 8.99 | 10.0 | -10.1 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.2861 | | 8.68 | 10.0 | -13.2 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4376 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2605 | | 9.63 | 10.0 | -3.7 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2329 | | 9.54 | 10.0 | -4.6 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1246 | | 11.9 | 10.0 | 18.5 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2567 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4564 | | 9.00 | 10.0 | -10.0 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.3952 | | 8.56 | 10.0 | -14.4 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4582 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8702 | | 9.29 | 10.0 | -7.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5256 | | 9.39 | 10.0 | -6.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3402 | | 8.66 | 10.0 | -13.4 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4155 | | 9.98 | 10.0 | -0.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3045 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4086 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4786 | | 11.3 | 10.0 | 12.5 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.3929 | | 8.54 | 10.0 | -14.6 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4738 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6722 | | 9.02 | 10.0 | -9.8 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3444 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.087 | | 9.28 | 10.0 | -7.2 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8458 | | 19.8 | 20.0 | -0.9 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8490 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6619 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4540 | | 8.56 | 10.0 | -14.4 | 30.0 |
| Cumene | Ave | 1.250 | 1.128 | | 9.02 | 10.0 | -9.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6647 | | 10.3 | 10.0 | 3.4 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1685 | | 9.81 | 10.0 | -1.9 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3761 | | 8.78 | 10.0 | -12.2 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3118 | | 8.95 | 10.0 | -10.5 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.269 | | 11.4 | 10.0 | 14.0 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2895 | | 8.71 | 10.0 | -12.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.028 | | 10.8 | 10.0 | 8.0 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4445 | | 10.9 | 11.6 | -6.1 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9096 | | 10.1 | 10.0 | 0.5 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9802 | | 9.99 | 10.0 | -0.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.387 | | 10.1 | 10.0 | 1.1 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.112 | | 10.0 | 10.0 | 0.3 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6436 | | 9.31 | 10.0 | -6.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6459 | | 8.97 | 10.0 | -10.3 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1584 | | 7.89 | 10.0 | -21.1 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5922 | | 9.85 | 10.0 | -1.5 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6159 | | 9.52 | 10.0 | -4.9 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3172 | | 7.61 | 10.0 | -23.9 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.2983 | | 8.55 | 10.0 | -14.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4485 | | 8.13 | 10.0 | -18.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3656 | | 8.59 | 10.0 | -14.1 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.053 | | 8.32 | 10.0 | -16.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5031 | | 11.9 | 10.0 | 19.1 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.856 | | 9.45 | 10.0 | -5.6 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.009 | | 11.2 | 10.0 | 11.5 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.941 | | 10.8 | 10.0 | 8.1 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6456 | | 11.6 | 10.0 | 15.8 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7567 | | 11.3 | 10.0 | 13.4 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5313 | | 9.82 | 10.0 | -1.8 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5334 | | 8.86 | 10.0 | -11.4 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3770 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7259 | | 9.48 | 10.0 | -5.2 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.648 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.798 | | 9.05 | 10.0 | -9.5 | 30.0 |
| Pentane | Ave | 1.122 | 1.116 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1632 | | 13.6 | 11.6 | 16.9 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2692 | | 11.2 | 11.6 | -3.7 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.067 | | 9.20 | 10.0 | -8.0 | 30.0 |
| Acetone | Ave | 1.037 | 0.999 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9622 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.8873 | | 9.86 | 10.0 | -1.4 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.633 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.391 | | 10.3 | 10.0 | 2.5 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2775 | | 13.4 | 11.6 | 15.5 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8234 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6475 | | 9.83 | 10.0 | -1.7 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9572 | | 10.7 | 11.4 | -6.6 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6005 | | 10.4 | 10.0 | 4.1 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.957 | | 8.92 | 10.0 | -10.8 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.142 | | 9.43 | 10.0 | -5.7 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5692 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1582 | | 9.26 | 11.3 | -18.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.351 | | 9.54 | 10.0 | -4.6 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.361 | | 10.5 | 10.0 | 5.3 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.230 | | 9.35 | 10.0 | -6.5 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3909 | | 9.25 | 10.0 | -7.5 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.278 | | 9.29 | 10.0 | -7.1 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2066 | | 9.01 | 10.0 | -9.9 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.370 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7933 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Chloroform | Ave | 1.772 | 1.599 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.497 | | 9.03 | 10.0 | -9.7 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.156 | | 9.38 | 10.0 | -6.2 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.451 | | 8.17 | 10.0 | -18.3 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6426 | | 9.25 | 10.0 | -7.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2644 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5778 | | 9.63 | 10.0 | -3.7 | 30.0 |
| Isooctane | Ave | 1.010 | 1.023 | | 10.1 | 10.0 | 1.3 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2168 | | 8.99 | 10.0 | -10.1 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.2861 | | 8.68 | 10.0 | -13.2 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4376 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2605 | | 9.63 | 10.0 | -3.7 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2329 | | 9.54 | 10.0 | -4.6 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1246 | | 11.9 | 10.0 | 18.5 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2567 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4564 | | 9.00 | 10.0 | -10.0 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.3952 | | 8.56 | 10.0 | -14.4 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4582 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8702 | | 9.29 | 10.0 | -7.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5256 | | 9.39 | 10.0 | -6.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3402 | | 8.66 | 10.0 | -13.4 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4155 | | 9.98 | 10.0 | -0.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3045 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4086 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4786 | | 11.3 | 10.0 | 12.5 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.3929 | | 8.54 | 10.0 | -14.6 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4738 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6722 | | 9.02 | 10.0 | -9.8 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3444 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.087 | | 9.28 | 10.0 | -7.2 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8458 | | 19.8 | 20.0 | -0.9 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8490 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6619 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4540 | | 8.56 | 10.0 | -14.4 | 30.0 |
| Cumene | Ave | 1.250 | 1.128 | | 9.02 | 10.0 | -9.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6647 | | 10.3 | 10.0 | 3.4 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1685 | | 9.81 | 10.0 | -1.9 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3761 | | 8.78 | 10.0 | -12.2 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3118 | | 8.95 | 10.0 | -10.5 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.269 | | 11.4 | 10.0 | 14.0 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2895 | | 8.71 | 10.0 | -12.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.028 | | 10.8 | 10.0 | 8.0 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Lab Sample ID: CCVIS 410-685302/3  Calibration Date: 08/14/2025 09:10

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G14X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4445 | | 10.9 | 11.6 | -6.1 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9096 | | 10.1 | 10.0 | 0.5 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9802 | | 9.99 | 10.0 | -0.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.387 | | 10.1 | 10.0 | 1.1 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.112 | | 10.0 | 10.0 | 0.3 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6436 | | 9.31 | 10.0 | -6.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6459 | | 8.97 | 10.0 | -10.3 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1584 | | 7.89 | 10.0 | -21.1 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5922 | | 9.85 | 10.0 | -1.5 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6159 | | 9.52 | 10.0 | -4.9 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3172 | | 7.61 | 10.0 | -23.9 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.2983 | | 8.55 | 10.0 | -14.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4485 | | 8.13 | 10.0 | -18.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3656 | | 8.59 | 10.0 | -14.1 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.053 | | 8.32 | 10.0 | -16.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: CCVIS 410-685905/3  Calibration Date: 08/15/2025 13:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G15X07.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5150 | | 12.2 | 10.0 | 21.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.888 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.035 | | 11.4 | 10.0 | 14.3 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.961 | | 10.9 | 10.0 | 9.2 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6629 | | 11.9 | 10.0 | 18.9 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7671 | | 11.5 | 10.0 | 14.9 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5461 | | 10.1 | 10.0 | 1.0 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5406 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3852 | | 10.1 | 10.0 | 1.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7378 | | 9.63 | 10.0 | -3.7 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.664 | | 10.2 | 10.0 | 1.8 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.836 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Pentane | Ave | 1.122 | 1.156 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1820 | | 15.1 | 11.6 | 30.4* | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2729 | | 11.3 | 11.6 | -2.3 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.060 | | 9.15 | 10.0 | -8.5 | 30.0 |
| Acetone | Ave | 1.037 | 1.029 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9631 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.9674 | | 10.8 | 10.0 | 7.5 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.641 | | 9.03 | 10.0 | -9.7 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.407 | | 10.3 | 10.0 | 3.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2890 | | 14.0 | 11.6 | 20.3 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8531 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6382 | | 9.69 | 10.0 | -3.1 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 1.023 | | 11.4 | 11.4 | -0.2 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6159 | | 10.7 | 10.0 | 6.8 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.983 | | 9.04 | 10.0 | -9.6 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.154 | | 9.53 | 10.0 | -4.7 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5670 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1620 | | 9.48 | 11.3 | -16.1 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.364 | | 9.64 | 10.0 | -3.6 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.411 | | 10.8 | 10.0 | 7.5 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.266 | | 9.50 | 10.0 | -5.0 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3974 | | 9.41 | 10.0 | -5.9 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.290 | | 9.38 | 10.0 | -6.2 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2105 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.387 | | 9.81 | 10.0 | -1.9 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.8053 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Chloroform | Ave | 1.772 | 1.592 | | 8.99 | 10.0 | -10.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.517 | | 9.14 | 10.0 | -8.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: CCVIS 410-685905/3  Calibration Date: 08/15/2025 13:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G15X07.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.186 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.484 | | 8.36 | 10.0 | -16.4 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6582 | | 9.48 | 10.0 | -5.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2685 | | 8.54 | 10.0 | -14.6 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5874 | | 9.79 | 10.0 | -2.1 | 30.0 |
| Isooctane | Ave | 1.010 | 1.043 | | 10.3 | 10.0 | 3.2 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2223 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.2929 | | 8.89 | 10.0 | -11.1 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4505 | | 10.5 | 10.0 | 5.3 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2617 | | 9.68 | 10.0 | -3.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2354 | | 9.64 | 10.0 | -3.6 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1341 | | 12.8 | 10.0 | 27.5 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2560 | | 8.39 | 10.0 | -16.1 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4641 | | 9.15 | 10.0 | -8.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4039 | | 8.75 | 10.0 | -12.5 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4700 | | 10.2 | 10.0 | 2.1 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8866 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Octane | Ave | 0.5598 | 0.5367 | | 9.59 | 10.0 | -4.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3515 | | 8.95 | 10.0 | -10.5 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4253 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3116 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4152 | | 9.13 | 10.0 | -8.7 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4906 | | 11.5 | 10.0 | 15.3 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.3986 | | 8.66 | 10.0 | -13.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4728 | | 9.04 | 10.0 | -9.6 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6776 | | 9.09 | 10.0 | -9.1 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3510 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.114 | | 9.50 | 10.0 | -5.0 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8600 | | 20.2 | 20.0 | 0.8 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8635 | | 9.57 | 10.0 | -4.3 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6687 | | 9.56 | 10.0 | -4.4 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4644 | | 8.76 | 10.0 | -12.4 | 30.0 |
| Cumene | Ave | 1.250 | 1.144 | | 9.16 | 10.0 | -8.5 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6709 | | 10.4 | 10.0 | 4.4 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1728 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3839 | | 8.96 | 10.0 | -10.4 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3196 | | 9.17 | 10.0 | -8.3 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2928 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.112 | | 9.99 | 10.0 | -0.0 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.031 | | 10.8 | 10.0 | 8.3 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Lab Sample ID: CCVIS 410-685905/3  Calibration Date: 08/15/2025 13:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G15X07.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4515 | | 11.1 | 11.6 | -4.6 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9228 | | 10.2 | 10.0 | 2.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 1.001 | | 10.2 | 10.0 | 2.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.406 | | 10.3 | 10.0 | 2.5 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.128 | | 10.2 | 10.0 | 1.7 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6594 | | 9.54 | 10.0 | -4.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6645 | | 9.23 | 10.0 | -7.7 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1676 | | 8.35 | 10.0 | -16.5 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.6085 | | 10.1 | 10.0 | 1.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6283 | | 9.71 | 10.0 | -2.9 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3242 | | 7.78 | 10.0 | -22.2 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3051 | | 8.74 | 10.0 | -12.6 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4648 | | 8.42 | 10.0 | -15.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3801 | | 8.93 | 10.0 | -10.7 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.096 | | 8.66 | 10.0 | -13.4 | 30.0 |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 11:42

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-236820-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/10/2025 21:30

Analysis Batch Number: 683384  End Date: 08/11/2025 11:47

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-683384/1 | | 08/10/2025 21:30 | 1 | 7G10T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-683384/3 | | 08/10/2025 22:27 | 1 | 7G10X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-683384/4 | | 08/10/2025 22:56 | 1 | 7G10X03.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-683384/5 | | 08/10/2025 23:25 | 1 | 7G10X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-683384/7 | | 08/11/2025 00:23 | 1 | 7G10X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 08:21 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 08:49 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 09:19 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 09:48 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 10:18 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 10:47 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-236820-1 | 1929 | 08/11/2025 11:17 | 1 | 7G10X13.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/11/2025 11:47 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 11:42

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237471-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/14/2025 07:46

Analysis Batch Number: 685302  End Date: 08/14/2025 22:03

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-685302/1 | | 08/14/2025 07:46 | 1 | 7G14T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-685302/3 | | 08/14/2025 09:10 | 1 | 7G14X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-685302/4 | | 08/14/2025 09:40 | 1 | 7G14X03.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-685302/5 | | 08/14/2025 10:09 | 1 | 7G14X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-685302/7 | | 08/14/2025 11:08 | 1 | 7G14X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 12:39 | 100 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 13:06 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 13:33 | 10 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:00 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:29 | 4 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:57 | 40 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 15:57 | 2 | | Rtx-VMS 60m 0.25(mm) |
| 410-237471-1 | 1512 | 08/14/2025 20:35 | 1 | 7G14X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:04 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:33 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 22:03 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 11:42

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237478-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/14/2025 07:46

Analysis Batch Number: 685302  End Date: 08/14/2025 22:03

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-685302/1 | | 08/14/2025 07:46 | 1 | 7G14T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-685302/3 | | 08/14/2025 09:10 | 1 | 7G14X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-685302/4 | | 08/14/2025 09:40 | 1 | 7G14X03.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-685302/5 | | 08/14/2025 10:09 | 1 | 7G14X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-685302/7 | | 08/14/2025 11:08 | 1 | 7G14X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 12:39 | 100 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 13:06 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 13:33 | 10 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:00 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:29 | 4 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 14:57 | 40 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 15:57 | 2 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 20:35 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:04 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-237478-1 | 1624 | 08/14/2025 21:33 | 1 | 7G14X20.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 22:03 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 10:38

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-669024/1 | | 07/10/2025 10:38 | 1 | 7L10T02.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237728-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/15/2025 07:51

Analysis Batch Number: 685905  End Date: 08/16/2025 02:35

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-685905/1 | | 08/15/2025 07:51 | 1 | 7G15T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-685905/3 | | 08/15/2025 13:35 | 1 | 7G15X07.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-685905/4 | | 08/15/2025 14:04 | 1 | 7G15X08.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-685905/5 | | 08/15/2025 14:33 | 1 | 7G15X09.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-685905/7 | | 08/15/2025 15:32 | 1 | 7G15X11.D | Rtx-VMS 60m 0.25(mm) |
| 410-237728-1 | 883 | 08/15/2025 16:01 | 1 | 7G15X12.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 21:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 22:07 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 22:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 23:06 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 00:06 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 00:36 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 01:06 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 01:35 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 02:05 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/16/2025 02:35 | 1 | | Rtx-VMS 60m 0.25(mm) |

# Subcontract Data

# Shipping and Receiving Documents

# Summa Canister Field Test Data/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ For Eurofins Lancaster Laboratories Environmental use only Sample # _____ Bottle Order (SCR) # 199740

## Client Information

Client: LANGAN 368 9th Ave New York, NY 10001 Account #

Project Name/#: ABC Block 26 170340203

Project Manager: Greg Wyka P.O. #

Sampler: Roswell Lo Quote #

Name of state where samples were collected: NY

## Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? (Yes) No

EDD Required? Yes No

| | Temperature (F) Start | Temperature (F) Stop | Pressure ("Hg) Start | Pressure ("Hg) Stop |
|---|---|---|---|---|
| Ambient | 74 | 75 | | |
| Maximum | | | | |
| Minimum | | | | |

## Analyses Requested

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

| Sample Identification | Start Date/Time (24-hour clock) | Stop Date/Time (24-hour clock) | Canister Pressure in Field ("Hg) (Start) | Canister Pressure in Field ("Hg) (Stop) | Interior Temp. (F) (Start) | Interior Temp (F) (Stop) | Flow Reg ID | Can ID | Can Size (L) | Controller Flowrate (mL/min) | EPA TO 15 | EPA 18 | MTBE | BTEX | EPA 25 | Helium | O2/CO2 | Library Search |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~C241174-BL-1A01-MW16D90-091325~~ RL. | | | | | | | A939011 | 1624 | 6 | 41.9 | | | | | | | | |
| | | | | | | | A101006 | 1929 | 6 | 42.3 | | | | | | | | |
| | | | | | | | A818004 | 1512 | 6 | 41.7 | | | | | | | | |
| | | | | | | | A807015 | 883 | 6 | 42.8 | | | | | | | | |
| | | | | | | | A326021 | 326 | 6 | 40.3 | | | | | | | | |
| C241174-BL-1A01-MW16D90-091325 | 11:48 | 13:41 | -29.95 | -4.44 | 70 | 70 | A807015 | 1512 | 6 | 42.8 | X | | | | | | | |
| C241174-BL-AA01-MW16D90-091325 | 11:49 | 14:07 | -29.57 | -5.88 | ~~74~~ | — | A818004 | 1624 | 6 | 41.7 | X | | | | | | | |
| C241174-BL-1A01-MW30D-091325 | 13:56 | 13:56 | -29.56 | -6.26 | 70 | 70 | A939011 | 1929 | 6 | 41.9 | X | | | | | | | |
| C241174-BL-AA01-MW30D-091325 | 13:59 | 13:59 | -29.38 | -5.40 | ~~74~~ | — | A101006 | 883 | 6 | 42.8 | X | | | | | | | |

460-334962 Chain of Custody

## Instructions/QC Requirements & Comments

Please cc DATAMANAGEMENT@LANGAN.COM
ROLO@LANGAN.COM

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

| Canisters Shipped by: | Date/Time: | Canisters Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |
|---|---|---|---|---|---|---|---|
| WA 113372 | 9/10 9 13 | Roswell Lo | 9/12 8 00 | 1900 | 9/15/25 | 1830 | 9/15/25 |
| Relinquished by: Roswell Lo | Date/Time: 9/13 15:28 | Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |
| Relinquished by: FEDEX | Date/Time: 9/16/25 | Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |



Page 709 of 712
10/15/2025 2:50:47 PM

# Summa Canister Field Test Data/Chain of Custody

eurofins | Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only: Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 199740

## Client Information

Client: LANGAN 368 9th Ave New York, NY 10001 | Account #:

Project Name/#: ABC Block 26 170340203

Project Manager: Greg Wyka | P.O. #:

Sampler: Roswell Lo | Quote #:

Name of state where samples were collected: NY

## Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? (Yes) No

EDD Required? Yes No

| | Temperature (F) Start | Temperature (F) Stop | Pressure ("Hg) Start | Pressure ("Hg) Stop |
|---|---|---|---|---|
| Ambient | 74 | 75 | | |
| Maximum | | | | |
| Minimum | | | | |

## Analyses Requested

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

| Sample Identification | Start Date/Time (24-hour clock) | Stop Date/Time (24-hour clock) | Canister Pressure in Field ("Hg) (Start) | Canister Pressure in Field ("Hg) (Stop) | Interior Temp. (F) (Start) | Interior Temp. (F) (Stop) | Flow Reg. ID | Can ID | Can Size (L) | Controller Flowrate (mL/min) | EPA TO - 15 | EPA 18 | EPA 25 | Helium as tracer | O2/CO2 | Library Search |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~C241174-BL-IA01-MW16D90-091325~~ R.L. | | | | | | | A939011 | 1624 | 6 | 41.9 | | | | | | |
| | | | | | | | A101006 | 1929 | 6 | 42.3 | | | | | | |
| | | | | | | | A818004 | 1512 | 6 | 41.7 | | | | | | |
| | | | | | | | A807015 | 883 | 6 | 42.8 | | | | | | |
| | | | | | | | A326021 | 326 | 6 | 40.3 | | | | | | |
| C241174-BL-IA01-MW16D90-091325 | 11:48 | 13:41 | -29.95 | -4.44 | 70 | 70 | A807015 | 1512 | 6 | 40.8 | X | | | | | |
| C241174-BL-AA01-MW16D90-091325 | 11:49 | 14:07 | -29.57 | -5.88 | ~~70~~ | — | A818004 | 1624 | 6 | 41.7 | X | | | | | |
| C241174-BL-IA01-MW30D-091325 | 10:56 | 13:56 | -29.56 | -6.26 | 70 | 70 | A939011 | 1929 | 6 | 41.9 | X | | | | | |
| C241174-BL-AA01-MW30D-091325 | 10:59 | 13:59 | -29.38 | -5.40 | ~~70~~ | — | A101006 | 993 | 6 | 42.8 | X | | | | | |

460-334962 Chain of Custody

## Instructions/QC Requirements & Comments

Please cc: DATAMANAGEMENT@LANGAN.COM
ROLO@LANGAN.COM.

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

| Canisters Shipped by: | Date/Time: | Canisters Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |
|---|---|---|---|---|---|---|---|
| WG 113372 | 9/10 9:13 | Roswell Lo | 9/12 8:00 | | 1700 9/15/25 | | 1830 9/15/25 |
| Relinquished by: Roswell Lo RL | Date/Time: 9/13 1528 | Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |
| Relinquished by: FEDEX | Date/Time: 9/16/25 1620 | Received by: Brad Byl | Date/Time: 9/16/25 1620 | Relinquished by: Brad Byl | Date/Time: 9/16/25 1938 | Received by: | Date/Time: 9/16/25 1938 |

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

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

received on chilled 7056 1015

# Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-334962-1

**Login Number: 334962**
**List Number: 1**
**Creator: Rivera, Kenneth**

**List Source: Eurofins Edison**

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

# Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-334962-1

**Login Number: 334962**
**List Number: 2**
**Creator: Renner, Melissa**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**
**List Creation: 09/17/25 02:52 AM**

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

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Greg Wyka
Langan Engineering and Environmental Services LLC
21 Penn Plaza
360 W 31st St
8th Floor
New York NY 10001-2727

Generated 10/16/2025 9:18 AM Revision 4

## JOB DESCRIPTION

ABC Block 26 - Air

## JOB NUMBER

460-335451-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.



my EOL

# Eurofins Edison

## Job Notes

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

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## Authorization

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Revision 4

Authorized for release by
Patricia Grieco, Senior Project Manager
Patricia.Grieco@et.eurofinsus.com
732 593-2507

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## Qualifiers

### Air - GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| D | Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U | Indicates the analyte was analyzed for but not detected. |

## Glossary

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

**Job Narrative**
**460-335451-1**

REVISION #1:
The report being provided is a revision of the original report sent on 9/30/2025. The report (revision 1) is being revised due to Missing Summa Can certificaitons.

Revision #2: Asset Tags Entered Incorrectly

Revision #3 - Revised Sample 1 & 2 IDs

Revision #4 - Revise Sample 1 & 2 IDs for other parts of the ID.

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

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

**Receipt**
The samples were received on 9/22/2025 7:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

# Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

## Client Sample ID: C241174_RR-IA02_MW16D19D_092025
## Lab Sample ID: 460-335451-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.1 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 4.8 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.4 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 32 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Isopropyl alcohol | 3.9 | J | 12 | 3.9 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methylene Chloride | 0.67 | J | 1.7 | 0.63 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 1.5 | J | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 8.0 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloroform | 0.25 | J | 0.98 | 0.20 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 2.3 | | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 0.63 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.90 | | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Heptane | 0.63 | J | 0.82 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl methacrylate | 3.6 | | 2.1 | 0.57 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 17 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,1,2-Trichloroethane | 1.4 | | 1.1 | 0.40 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_RR-AA02_MW16D19D_092025
## Lab Sample ID: 460-335451-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 0.89 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.0 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 2.3 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.1 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 9.2 | J | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_PLR-IA03_MW30D_092125
## Lab Sample ID: 460-335451-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.2 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 6.7 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.55 | J | 1.5 | 0.41 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Isopropyl alcohol | 7.5 | J | 12 | 3.9 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methylene Chloride | 34 | | 1.7 | 0.63 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 3.4 | | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 5.1 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| cis-1,2-Dichloroethene | 3.2 | | 0.20 | 0.083 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.49 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 0.40 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.33 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Heptane | 0.95 | | 0.82 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl methacrylate | 3.1 | | 2.1 | 0.57 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.92 | J | 2.1 | 0.53 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 12 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.75 | J | 2.1 | 0.62 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Ethylbenzene | 1.8 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| m,p-Xylene | 7.2 | | 2.2 | 0.41 | ug/m3 | 1 | | TO 15 LL | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: C241174_PLR-IA03_MW30D_092125 (Continued)
## Lab Sample ID: 460-335451-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | 2.1 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Xylene (total) | 9.3 | | 2.2 | 0.061 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Styrene | 2.0 | | 0.85 | 0.25 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cumene | 0.99 | | 0.98 | 0.20 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,2,4-Trimethylbenzene | 1.1 | | 0.98 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone - DL | 120 | D | 48 | 15 | ug/m3 | 4 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_PLR-AA03_MW30D_092125
## Lab Sample ID: 460-335451-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 0.97 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.0 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 24 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.19 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Carbon tetrachloride | 0.51 | | 0.22 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 0.31 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.29 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 0.61 | J | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.78 | J | 2.1 | 0.62 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_LR-IA02_MW30D_092025
## Lab Sample ID: 460-335451-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 1.1 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.1 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 50 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methylene Chloride | 5.7 | | 1.7 | 0.63 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 0.57 | J | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| cis-1,2-Dichloroethene | 0.47 | | 0.20 | 0.083 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.39 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.28 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 0.73 | J | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_LR-AA02_MW30D_092025
## Lab Sample ID: 460-335451-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 1.0 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.0 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 8.0 | J | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
## Lab Sample ID: 460-335451-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: C241174_PLR-IA03_MW16D19D_092125 (Continued)
## Lab Sample ID: 460-335451-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | 1.1 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 6.2 | | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.4 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 33 | | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Isopropyl alcohol | 4.7 | J | 12 | 3.9 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Hexane | 2.7 | | 1.8 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 10 | | 1.5 | 1.5 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| cis-1,2-Dichloroethene | 0.54 | | 0.20 | 0.083 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloroform | 0.32 | J | 0.98 | 0.20 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 1.7 | | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Carbon tetrachloride | 0.52 | | 0.22 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 2,2,4-Trimethylpentane | 4.2 | | 0.93 | 0.18 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 1.4 | | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Heptane | 2.9 | | 0.82 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Methyl methacrylate | 1.9 | J | 2.1 | 0.57 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.2 | J | 2.1 | 0.53 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 85 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,1,2-Trichloroethane | 0.43 | J | 1.1 | 0.40 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Ethylbenzene | 1.6 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| m,p-Xylene | 5.2 | | 2.2 | 0.41 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| o-Xylene | 1.8 | | 0.87 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Xylene (total) | 7.0 | | 2.2 | 0.061 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 4-Ethyltoluene | 0.88 | J | 0.98 | 0.24 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,3,5-Trimethylbenzene | 0.36 | J | 0.98 | 0.23 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| 1,2,4-Trimethylbenzene | 1.4 | | 0.98 | 0.39 | ug/m3 | 1 | | TO 15 LL | Total/NA |

## Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
## Lab Sample ID: 460-335451-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.1 | J | 2.5 | 0.54 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chlorodifluoromethane | 0.89 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Chloromethane | 1.0 | | 1.0 | 0.31 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| n-Butane | 0.77 | J | 1.2 | 0.48 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Acetone | 7.7 | J | 12 | 3.8 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Cyclohexane | 0.20 | J | 0.69 | 0.11 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Benzene | 0.24 | J | 0.64 | 0.14 | ug/m3 | 1 | | TO 15 LL | Total/NA |
| Toluene | 0.82 | | 0.75 | 0.16 | ug/m3 | 1 | | TO 15 LL | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: C241174_RR-IA02_MW16D19D_092025
## Lab Sample ID: 460-335451-1

**Date Collected: 09/20/25 13:02**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Chloromethane** | **1.1** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **n-Butane** | **4.8** | | 1.2 | 0.48 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Trichlorofluoromethane** | **1.4** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Acetone** | **32** | | 12 | 3.8 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Isopropyl alcohol** | **3.9** | **J** | 12 | 3.9 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Methylene Chloride** | **0.67** | **J** | 1.7 | 0.63 | ug/m3 | | | 09/26/25 17:57 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 17:57 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **n-Hexane** | **1.5** | **J** | 1.8 | 0.39 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **8.0** | | 1.5 | 1.5 | ug/m3 | | | 09/26/25 17:57 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Chloroform** | **0.25** | **J** | 0.98 | 0.20 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Cyclohexane** | **2.3** | | 0.69 | 0.11 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **2,2,4-Trimethylpentane** | **0.63** | **J** | 0.93 | 0.18 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Benzene** | **0.90** | | 0.64 | 0.14 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **n-Heptane** | **0.63** | **J** | 0.82 | 0.23 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Methyl methacrylate** | **3.6** | | 2.1 | 0.57 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 17:57 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **Toluene** | **17** | | 0.75 | 0.16 | ug/m3 | | | 09/26/25 17:57 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 17:57 | 1 |
| **1,1,2-Trichloroethane** | **1.4** | | 1.1 | 0.40 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 17:57 | 1 |

## Client Sample ID: C241174_RR-IA02_MW16D19D_092025
## Lab Sample ID: 460-335451-1

**Date Collected: 09/20/25 13:02**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 17:57 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 17:57 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 17:57 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 17:57 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 17:57 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 17:57 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 17:57 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 17:57 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 17:57 | 1 |

## Client Sample ID: C241174_RR-AA02_MW16D19D_092025
## Lab Sample ID: 460-335451-2

**Date Collected: 09/20/25 12:44**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.2** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 18:32 | 1 |
| **Chlorodifluoromethane** | **0.89** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 18:32 | 1 |
| **Chloromethane** | **1.0** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 18:32 | 1 |
| **n-Butane** | **2.3** | | 1.2 | 0.48 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 18:32 | 1 |
| **Trichlorofluoromethane** | **1.1** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 18:32 | 1 |
| **Acetone** | **9.2** | **J** | 12 | 3.8 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 18:32 | 1 |

**Client Sample ID: C241174_RR-AA02_MW16D19D_092025**
**Lab Sample ID: 460-335451-2**
**Date Collected: 09/20/25 12:44**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 18:32 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 18:32 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 18:32 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/26/25 18:32 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.11 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 18:32 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 18:32 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.16 | ug/m3 | | | 09/26/25 18:32 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 18:32 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 18:32 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 18:32 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 18:32 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 18:32 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 18:32 | 1 |

## Client Sample ID: C241174_RR-AA02_MW16D19D_092025 Lab Sample ID: 460-335451-2

**Date Collected: 09/20/25 12:44** **Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 18:32 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 18:32 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 18:32 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 18:32 | 1 |

## Client Sample ID: C241174_PLR-IA03_MW30D_092125 Lab Sample ID: 460-335451-3

**Date Collected: 09/21/25 13:35** **Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.2** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Chloromethane** | **1.2** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **n-Butane** | **6.7** | | 1.2 | 0.48 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.55** | **J** | 1.5 | 0.41 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Isopropyl alcohol** | **7.5** | **J** | 12 | 3.9 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Methylene Chloride** | **34** | | 1.7 | 0.63 | ug/m3 | | | 09/26/25 19:06 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 19:06 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **n-Hexane** | **3.4** | | 1.8 | 0.39 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **5.1** | | 1.5 | 1.5 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **cis-1,2-Dichloroethene** | **3.2** | | 0.20 | 0.083 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Cyclohexane** | **0.49** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **2,2,4-Trimethylpentane** | **0.40** | **J** | 0.93 | 0.18 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Benzene** | **0.33** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 19:06 | 1 |

## Client Sample ID: C241174_PLR-IA03_MW30D_092125
## Lab Sample ID: 460-335451-3

**Date Collected: 09/21/25 13:35**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **n-Heptane** | **0.95** | | 0.82 | 0.23 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Methyl methacrylate** | **3.1** | | 2.1 | 0.57 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 19:06 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **0.92** | **J** | 2.1 | 0.53 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Toluene** | **12** | | 0.75 | 0.16 | ug/m3 | | | 09/26/25 19:06 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.75** | **J** | 2.1 | 0.62 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Ethylbenzene** | **1.8** | | 0.87 | 0.23 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **m,p-Xylene** | **7.2** | | 2.2 | 0.41 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **o-Xylene** | **2.1** | | 0.87 | 0.23 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Xylene (total)** | **9.3** | | 2.2 | 0.061 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Styrene** | **2.0** | | 0.85 | 0.25 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **Cumene** | **0.99** | | 0.98 | 0.20 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 19:06 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 19:06 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 19:06 | 1 |
| **1,2,4-Trimethylbenzene** | **1.1** | | 0.98 | 0.39 | ug/m3 | | | 09/26/25 19:06 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 19:06 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 19:06 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 19:06 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 19:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **120** | **D** | 48 | 15 | ug/m3 | | | 09/29/25 07:43 | 4 |

## Client Sample ID: C241174_PLR-AA03_MW30D_092125
## Lab Sample ID: 460-335451-4

**Date Collected: 09/21/25 13:13**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.2** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Chlorodifluoromethane** | **0.97** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Chloromethane** | **1.0** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 19:41 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Acetone** | **24** | | 12 | 3.8 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 19:41 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 19:41 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 19:41 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.7** | | 1.5 | 1.5 | ug/m3 | | | 09/26/25 19:41 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Cyclohexane** | **0.19** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Carbon tetrachloride** | **0.51** | | 0.22 | 0.14 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **2,2,4-Trimethylpentane** | **0.31** | **J** | 0.93 | 0.18 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Benzene** | **0.29** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 19:41 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 19:41 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Toluene** | **0.61** | **J** | 0.75 | 0.16 | ug/m3 | | | 09/26/25 19:41 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 19:41 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.78** | **J** | 2.1 | 0.62 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 19:41 | 1 |

## Client Sample ID: C241174_PLR-AA03_MW30D_092125
## Lab Sample ID: 460-335451-4

**Date Collected: 09/21/25 13:13**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 19:41 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 19:41 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 19:41 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 19:41 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 19:41 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 19:41 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 19:41 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 19:41 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 19:41 | 1 |

## Client Sample ID: C241174_LR-IA02_MW30D_092025
## Lab Sample ID: 460-335451-5

**Date Collected: 09/20/25 18:21**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Chlorodifluoromethane** | **1.1** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Chloromethane** | **1.1** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 20:15 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Acetone** | **50** | | 12 | 3.8 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 20:15 | 1 |

## Client Sample ID: C241174_LR-IA02_MW30D_092025
## Lab Sample ID: 460-335451-5

**Date Collected: 09/20/25 18:21**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Methylene Chloride** | **5.7** | | 1.7 | 0.63 | ug/m3 | | | 09/26/25 20:15 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 20:15 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **n-Hexane** | **0.57** | **J** | 1.8 | 0.39 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.7** | | 1.5 | 1.5 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **cis-1,2-Dichloroethene** | **0.47** | | 0.20 | 0.083 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Cyclohexane** | **0.39** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Benzene** | **0.28** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 20:15 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 20:15 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 20:15 | 1 |
| **Toluene** | **0.73** | **J** | 0.75 | 0.16 | ug/m3 | | | 09/26/25 20:15 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 20:15 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 20:15 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 20:15 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 20:15 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 20:15 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 20:15 | 1 |

## Client Sample ID: C241174_LR-IA02_MW30D_092025 Lab Sample ID: 460-335451-5

**Date Collected: 09/20/25 18:21** **Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 20:15 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 20:15 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 20:15 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 20:15 | 1 |

## Client Sample ID: C241174_LR-AA02_MW30D_092025 Lab Sample ID: 460-335451-6

**Date Collected: 09/20/25 18:25** **Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 20:50 | 1 |
| **Chlorodifluoromethane** | **1.0** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 20:50 | 1 |
| **Chloromethane** | **1.0** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 20:50 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 20:50 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 20:50 | 1 |
| **Acetone** | **8.0** | **J** | 12 | 3.8 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 20:50 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 20:50 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 20:50 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/26/25 20:50 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.11 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 09/26/25 20:50 | 1 |

**Client Sample ID: C241174_LR-AA02_MW30D_092025**
**Lab Sample ID: 460-335451-6**
**Date Collected: 09/20/25 18:25**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 20:50 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 20:50 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.16 | ug/m3 | | | 09/26/25 20:50 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 20:50 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 20:50 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 20:50 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 20:50 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 20:50 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 20:50 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 20:50 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 20:50 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 20:50 | 1 |

## Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
## Lab Sample ID: 460-335451-7

**Date Collected: 09/21/25 12:05**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.3** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Chloromethane** | **1.1** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **n-Butane** | **6.2** | | 1.2 | 0.48 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Trichlorofluoromethane** | **1.4** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Acetone** | **33** | | 12 | 3.8 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Isopropyl alcohol** | **4.7** | **J** | 12 | 3.9 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 21:25 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 21:25 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **n-Hexane** | **2.7** | | 1.8 | 0.39 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **10** | | 1.5 | 1.5 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **cis-1,2-Dichloroethene** | **0.54** | | 0.20 | 0.083 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Chloroform** | **0.32** | **J** | 0.98 | 0.20 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Cyclohexane** | **1.7** | | 0.69 | 0.11 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Carbon tetrachloride** | **0.52** | | 0.22 | 0.14 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **2,2,4-Trimethylpentane** | **4.2** | | 0.93 | 0.18 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Benzene** | **1.4** | | 0.64 | 0.14 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **n-Heptane** | **2.9** | | 0.82 | 0.23 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Methyl methacrylate** | **1.9** | **J** | 2.1 | 0.57 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 21:25 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **1.2** | **J** | 2.1 | 0.53 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Toluene** | **85** | | 0.75 | 0.16 | ug/m3 | | | 09/26/25 21:25 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **1,1,2-Trichloroethane** | **0.43** | **J** | 1.1 | 0.40 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 21:25 | 1 |

## Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
## Lab Sample ID: 460-335451-7

**Date Collected: 09/21/25 12:05**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Ethylbenzene** | **1.6** | | 0.87 | 0.23 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **m,p-Xylene** | **5.2** | | 2.2 | 0.41 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **o-Xylene** | **1.8** | | 0.87 | 0.23 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **Xylene (total)** | **7.0** | | 2.2 | 0.061 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 21:25 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **4-Ethyltoluene** | **0.88** | **J** | 0.98 | 0.24 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **1,3,5-Trimethylbenzene** | **0.36** | **J** | 0.98 | 0.23 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 21:25 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 21:25 | 1 |
| **1,2,4-Trimethylbenzene** | **1.4** | | 0.98 | 0.39 | ug/m3 | | | 09/26/25 21:25 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 21:25 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 21:25 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 21:25 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 21:25 | 1 |

## Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
## Lab Sample ID: 460-335451-8

**Date Collected: 09/21/25 12:51**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.1** | **J** | 2.5 | 0.54 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Chlorodifluoromethane** | **0.89** | **J** | 1.8 | 0.42 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Chloromethane** | **1.0** | | 1.0 | 0.31 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **n-Butane** | **0.77** | **J** | 1.2 | 0.48 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Trichlorofluoromethane** | **1.2** | | 1.1 | 0.28 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Acetone** | **7.7** | **J** | 12 | 3.8 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 21:59 | 1 |

**Client Sample ID: C241174_PLR-AA03_MW16D19D_092125**
**Lab Sample ID: 460-335451-8**
**Date Collected: 09/21/25 12:51**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 21:59 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 21:59 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 21:59 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/26/25 21:59 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Cyclohexane** | **0.20** | **J** | 0.69 | 0.11 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Benzene** | **0.24** | **J** | 0.64 | 0.14 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 21:59 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 21:59 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 21:59 | 1 |
| **Toluene** | **0.82** | | 0.75 | 0.16 | ug/m3 | | | 09/26/25 21:59 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 21:59 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 21:59 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 21:59 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 21:59 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 21:59 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 21:59 | 1 |

**Client Sample ID: C241174_PLR-AA03_MW16D19D_092125**
**Lab Sample ID: 460-335451-8**
**Date Collected: 09/21/25 12:51**
**Matrix: Air**
**Date Received: 09/22/25 19:15**
**Sample Container: Summa Canister 6L**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 21:59 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 21:59 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 21:59 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 21:59 | 1 |

# Default Detection Limits

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

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

| Analyte | RL | MDL |
|---|---|---|
| 1,1,1-Trichloroethane | 1.1 ug/m3 | 0.24 ug/m3 |
| 1,1,2,2-Tetrachloroethane | 1.4 ug/m3 | 0.30 ug/m3 |
| 1,1,2-Trichloroethane | 1.1 ug/m3 | 0.40 ug/m3 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 ug/m3 | 0.41 ug/m3 |
| 1,1-Dichloroethane | 0.81 ug/m3 | 0.10 ug/m3 |
| 1,1-Dichloroethene | 0.20 ug/m3 | 0.10 ug/m3 |
| 1,2,4-Trichlorobenzene | 3.7 ug/m3 | 0.38 ug/m3 |
| 1,2,4-Trimethylbenzene | 0.98 ug/m3 | 0.39 ug/m3 |
| 1,2-Dibromoethane | 1.5 ug/m3 | 0.32 ug/m3 |
| 1,2-Dichlorobenzene | 1.2 ug/m3 | 0.40 ug/m3 |
| 1,2-Dichloroethane | 0.81 ug/m3 | 0.38 ug/m3 |
| 1,2-Dichloropropane | 0.92 ug/m3 | 0.43 ug/m3 |
| 1,2-Dichlorotetrafluoroethane | 1.4 ug/m3 | 0.34 ug/m3 |
| 1,3,5-Trimethylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| 1,3-Butadiene | 0.44 ug/m3 | 0.086 ug/m3 |
| 1,3-Dichlorobenzene | 1.2 ug/m3 | 0.45 ug/m3 |
| 1,4-Dichlorobenzene | 1.2 ug/m3 | 0.54 ug/m3 |
| 1,4-Dioxane | 18 ug/m3 | 0.17 ug/m3 |
| 2,2,4-Trimethylpentane | 0.93 ug/m3 | 0.18 ug/m3 |
| 2-Chlorotoluene | 1.0 ug/m3 | 0.24 ug/m3 |
| 3-Chloropropene | 1.6 ug/m3 | 0.38 ug/m3 |
| 4-Ethyltoluene | 0.98 ug/m3 | 0.24 ug/m3 |
| 4-Isopropyltoluene | 1.1 ug/m3 | 0.34 ug/m3 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 ug/m3 | 0.53 ug/m3 |
| Acetone | 12 ug/m3 | 3.8 ug/m3 |
| Benzene | 0.64 ug/m3 | 0.14 ug/m3 |
| Benzyl chloride | 1.0 ug/m3 | 0.46 ug/m3 |
| Bromodichloromethane | 1.3 ug/m3 | 0.34 ug/m3 |
| Bromoethene(Vinyl Bromide) | 0.88 ug/m3 | 0.22 ug/m3 |
| Bromoform | 2.1 ug/m3 | 1.2 ug/m3 |
| Bromomethane | 0.78 ug/m3 | 0.28 ug/m3 |
| Carbon disulfide | 1.6 ug/m3 | 0.41 ug/m3 |
| Carbon tetrachloride | 0.22 ug/m3 | 0.14 ug/m3 |
| Chlorobenzene | 0.92 ug/m3 | 0.20 ug/m3 |
| Chlorodifluoromethane | 1.8 ug/m3 | 0.42 ug/m3 |
| Chloroethane | 1.3 ug/m3 | 0.48 ug/m3 |
| Chloroform | 0.98 ug/m3 | 0.20 ug/m3 |
| Chloromethane | 1.0 ug/m3 | 0.31 ug/m3 |
| cis-1,2-Dichloroethene | 0.20 ug/m3 | 0.083 ug/m3 |
| cis-1,3-Dichloropropene | 0.91 ug/m3 | 0.20 ug/m3 |
| Cumene | 0.98 ug/m3 | 0.20 ug/m3 |
| Cyclohexane | 0.69 ug/m3 | 0.11 ug/m3 |
| Dibromochloromethane | 1.7 ug/m3 | 0.13 ug/m3 |
| Dichlorodifluoromethane | 2.5 ug/m3 | 0.54 ug/m3 |
| Ethylbenzene | 0.87 ug/m3 | 0.23 ug/m3 |
| Hexachlorobutadiene | 2.1 ug/m3 | 1.2 ug/m3 |
| Isopropyl alcohol | 12 ug/m3 | 3.9 ug/m3 |
| m,p-Xylene | 2.2 ug/m3 | 0.41 ug/m3 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 ug/m3 | 0.62 ug/m3 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 ug/m3 | 1.5 ug/m3 |
| Methyl methacrylate | 2.1 ug/m3 | 0.57 ug/m3 |
| Methyl tert-butyl ether | 0.72 ug/m3 | 0.13 ug/m3 |
| Methylene Chloride | 1.7 ug/m3 | 0.63 ug/m3 |

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

| Analyte | RL | MDL |
|---|---|---|
| Naphthalene | 2.0 ug/m3 | 1.6 ug/m3 |
| n-Butane | 1.2 ug/m3 | 0.48 ug/m3 |
| n-Butylbenzene | 1.1 ug/m3 | 0.60 ug/m3 |
| n-Heptane | 0.82 ug/m3 | 0.23 ug/m3 |
| n-Hexane | 1.8 ug/m3 | 0.39 ug/m3 |
| n-Propylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| o-Xylene | 0.87 ug/m3 | 0.23 ug/m3 |
| sec-Butylbenzene | 1.1 ug/m3 | 0.25 ug/m3 |
| Styrene | 0.85 ug/m3 | 0.25 ug/m3 |
| tert-Butyl alcohol | 15 ug/m3 | 3.6 ug/m3 |
| tert-Butylbenzene | 1.1 ug/m3 | 0.26 ug/m3 |
| Tetrachloroethene | 1.4 ug/m3 | 0.14 ug/m3 |
| Tetrahydrofuran | 15 ug/m3 | 3.8 ug/m3 |
| Toluene | 0.75 ug/m3 | 0.16 ug/m3 |
| trans-1,2-Dichloroethene | 0.79 ug/m3 | 0.091 ug/m3 |
| trans-1,3-Dichloropropene | 0.91 ug/m3 | 0.25 ug/m3 |
| Trichloroethene | 0.20 ug/m3 | 0.13 ug/m3 |
| Trichlorofluoromethane | 1.1 ug/m3 | 0.28 ug/m3 |
| Vinyl chloride | 0.20 ug/m3 | 0.054 ug/m3 |
| Xylene (total) | 2.2 ug/m3 | 0.061 ug/m3 |

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

**Lab Sample ID: MB 410-704888/7**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.31 | ug/m3 | | | 09/26/25 10:25 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Acetone | 12 | U | 12 | 3.8 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/26/25 10:25 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/26/25 10:25 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/26/25 10:25 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/26/25 10:25 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.11 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/26/25 10:25 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/26/25 10:25 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.16 | ug/m3 | | | 09/26/25 10:25 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/26/25 10:25 | 1 |

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

**Lab Sample ID: MB 410-704888/7**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 10:25 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/26/25 10:25 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/26/25 10:25 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/26/25 10:25 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/26/25 10:25 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/26/25 10:25 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/26/25 10:25 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/26/25 10:25 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/26/25 10:25 | 1 |

**Lab Sample ID: LCS 410-704888/4**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.4 | | ug/m3 | | 99 | 70 - 131 |
| Chlorodifluoromethane | 17.7 | 20.2 | | ug/m3 | | 114 | 70 - 132 |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 38.1 | | ug/m3 | | 109 | 70 - 130 |
| Chloromethane | 10.3 | 11.0 | | ug/m3 | | 107 | 64 - 138 |
| Vinyl chloride | 12.8 | 13.9 | | ug/m3 | | 108 | 70 - 135 |
| 1,3-Butadiene | 11.1 | 10.6 | | ug/m3 | | 96 | 70 - 131 |
| Bromomethane | 19.4 | 19.9 | | ug/m3 | | 103 | 70 - 140 |
| Chloroethane | 13.2 | 12.3 | | ug/m3 | | 93 | 70 - 131 |
| Bromoethene(Vinyl Bromide) | 21.9 | 19.6 | | ug/m3 | | 89 | 70 - 130 |
| Trichlorofluoromethane | 28.1 | 29.1 | | ug/m3 | | 104 | 70 - 130 |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 42.2 | | ug/m3 | | 110 | 70 - 130 |
| 1,1-Dichloroethene | 19.8 | 21.0 | | ug/m3 | | 106 | 70 - 131 |
| Acetone | 11.9 | 11.6 | J | ug/m3 | | 97 | 70 - 137 |
| Isopropyl alcohol | 12.3 | 11.8 | J | ug/m3 | | 96 | 62 - 135 |
| Carbon disulfide | 15.6 | 13.0 | | ug/m3 | | 84 | 70 - 130 |
| 3-Chloropropene | 15.7 | 14.1 | | ug/m3 | | 90 | 70 - 137 |
| Methylene Chloride | 17.4 | 17.4 | | ug/m3 | | 100 | 70 - 130 |

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

**Lab Sample ID: LCS 410-704888/4**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| tert-Butyl alcohol | 16.8 | 19.6 | | ug/m3 | | 116 | 50 - 130 |
| Methyl tert-butyl ether | 18.0 | 17.8 | | ug/m3 | | 99 | 70 - 130 |
| trans-1,2-Dichloroethene | 19.8 | 18.0 | | ug/m3 | | 91 | 70 - 130 |
| n-Hexane | 17.6 | 16.0 | | ug/m3 | | 91 | 61 - 130 |
| 1,1-Dichloroethane | 20.2 | 19.4 | | ug/m3 | | 96 | 70 - 130 |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 14.7 | | ug/m3 | | 99 | 70 - 130 |
| cis-1,2-Dichloroethene | 19.8 | 18.8 | | ug/m3 | | 95 | 70 - 130 |
| Chloroform | 24.4 | 23.2 | | ug/m3 | | 95 | 70 - 130 |
| Tetrahydrofuran | 14.7 | 13.5 | J | ug/m3 | | 91 | 54 - 143 |
| 1,1,1-Trichloroethane | 27.3 | 27.6 | | ug/m3 | | 101 | 70 - 130 |
| Cyclohexane | 17.2 | 16.5 | | ug/m3 | | 96 | 61 - 130 |
| Carbon tetrachloride | 31.5 | 32.6 | | ug/m3 | | 104 | 70 - 130 |
| 2,2,4-Trimethylpentane | 23.4 | 22.9 | | ug/m3 | | 98 | 70 - 130 |
| Benzene | 16.0 | 14.3 | | ug/m3 | | 89 | 70 - 130 |
| 1,2-Dichloroethane | 20.2 | 19.1 | | ug/m3 | | 94 | 70 - 131 |
| n-Heptane | 20.5 | 19.3 | | ug/m3 | | 94 | 70 - 130 |
| Trichloroethene | 26.9 | 24.0 | | ug/m3 | | 89 | 70 - 130 |
| Methyl methacrylate | 20.5 | 19.8 | | ug/m3 | | 97 | 70 - 130 |
| 1,2-Dichloropropane | 23.1 | 20.7 | | ug/m3 | | 90 | 70 - 130 |
| 1,4-Dioxane | 18.0 | 20.3 | | ug/m3 | | 112 | 70 - 130 |
| Bromodichloromethane | 33.5 | 30.0 | | ug/m3 | | 89 | 70 - 130 |
| cis-1,3-Dichloropropene | 22.7 | 19.9 | | ug/m3 | | 88 | 70 - 130 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 20.1 | | ug/m3 | | 98 | 68 - 133 |
| Toluene | 18.8 | 17.1 | | ug/m3 | | 91 | 70 - 130 |
| trans-1,3-Dichloropropene | 22.7 | 22.7 | | ug/m3 | | 100 | 70 - 130 |
| 1,1,2-Trichloroethane | 27.3 | 25.6 | | ug/m3 | | 94 | 70 - 130 |
| Tetrachloroethene | 33.9 | 32.7 | | ug/m3 | | 97 | 70 - 140 |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 21.0 | | ug/m3 | | 103 | 57 - 141 |
| Dibromochloromethane | 42.6 | 40.3 | | ug/m3 | | 95 | 70 - 130 |
| 1,2-Dibromoethane | 38.4 | 35.2 | | ug/m3 | | 92 | 70 - 130 |
| Chlorobenzene | 23.0 | 19.9 | | ug/m3 | | 86 | 70 - 130 |
| Ethylbenzene | 21.7 | 19.5 | | ug/m3 | | 90 | 70 - 130 |
| m,p-Xylene | 21.7 | 20.7 | | ug/m3 | | 95 | 70 - 130 |
| o-Xylene | 21.7 | 19.3 | | ug/m3 | | 89 | 70 - 130 |
| Xylene (total) | 43.4 | 40.0 | | ug/m3 | | 92 | 70 - 130 |
| Styrene | 21.3 | 19.8 | | ug/m3 | | 93 | 70 - 133 |
| Bromoform | 51.7 | 48.7 | | ug/m3 | | 94 | 60 - 139 |
| Cumene | 24.6 | 23.0 | | ug/m3 | | 94 | 70 - 137 |
| 1,1,2,2-Tetrachloroethane | 34.3 | 29.2 | | ug/m3 | | 85 | 61 - 130 |
| n-Propylbenzene | 24.6 | 22.0 | | ug/m3 | | 89 | 70 - 130 |
| 4-Ethyltoluene | 24.6 | 22.6 | | ug/m3 | | 92 | 69 - 139 |
| 1,3,5-Trimethylbenzene | 24.6 | 22.7 | | ug/m3 | | 92 | 69 - 141 |
| 2-Chlorotoluene | 25.9 | 23.5 | | ug/m3 | | 91 | 70 - 130 |
| tert-Butylbenzene | 27.4 | 26.4 | | ug/m3 | | 96 | 63 - 130 |
| 1,2,4-Trimethylbenzene | 24.6 | 21.5 | | ug/m3 | | 88 | 65 - 146 |

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

**Lab Sample ID: LCS 410-704888/4**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | 27.4 | 23.7 | | ug/m3 | | 86 | 66 - 141 |
| 4-Isopropyltoluene | 27.4 | 22.6 | | ug/m3 | | 82 | 60 - 148 |
| 1,3-Dichlorobenzene | 30.1 | 25.2 | | ug/m3 | | 84 | 64 - 140 |
| 1,4-Dichlorobenzene | 30.1 | 24.6 | | ug/m3 | | 82 | 64 - 137 |
| Benzyl chloride | 25.9 | 20.9 | | ug/m3 | | 81 | 57 - 142 |
| n-Butylbenzene | 27.4 | 21.7 | | ug/m3 | | 79 | 57 - 143 |
| 1,2-Dichlorobenzene | 30.1 | 24.5 | | ug/m3 | | 82 | 61 - 139 |
| 1,2,4-Trichlorobenzene | 37.1 | 33.5 | | ug/m3 | | 90 | 52 - 143 |
| Hexachlorobutadiene | 53.3 | 43.9 | | ug/m3 | | 82 | 40 - 157 |
| Naphthalene | 30.4 | 23.3 | | ug/m3 | | 77 | 22 - 139 |

**Lab Sample ID: LCS 410-704888/5**
**Matrix: Air**
**Analysis Batch: 704888**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| n-Butane | 11.9 | 9.80 | | ug/m3 | | 82 | 70 - 130 |

**Lab Sample ID: MB 410-705851/7**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.31 | ug/m3 | | | 09/28/25 21:28 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.48 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Acetone | 12 | U | 12 | 3.8 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.41 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 09/28/25 21:28 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 09/28/25 21:28 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 09/28/25 21:28 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 | ug/m3 | | | 09/28/25 21:28 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 09/28/25 21:28 | 1 |

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

**Lab Sample ID: MB 410-705851/7**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.11 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 09/28/25 21:28 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Methyl methacrylate | 2.1 | U | 2.1 | 0.57 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.17 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 09/28/25 21:28 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.16 | ug/m3 | | | 09/28/25 21:28 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.13 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/28/25 21:28 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 09/28/25 21:28 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.23 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Xylene (total) | 2.2 | U | 2.2 | 0.061 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 09/28/25 21:28 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 09/28/25 21:28 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 09/28/25 21:28 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 09/28/25 21:28 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 09/28/25 21:28 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 | ug/m3 | | | 09/28/25 21:28 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 09/28/25 21:28 | 1 |

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

**Lab Sample ID: MB 410-705851/7**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 09/28/25 21:28 | 1 |

**Lab Sample ID: LCS 410-705851/4**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.1 | | ug/m3 | | 97 | 70 - 131 |
| Chlorodifluoromethane | 17.7 | 16.7 | | ug/m3 | | 94 | 70 - 132 |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 33.7 | | ug/m3 | | 96 | 70 - 130 |
| Chloromethane | 10.3 | 9.01 | | ug/m3 | | 87 | 64 - 138 |
| Vinyl chloride | 12.8 | 12.4 | | ug/m3 | | 97 | 70 - 135 |
| 1,3-Butadiene | 11.1 | 9.46 | | ug/m3 | | 85 | 70 - 131 |
| Bromomethane | 19.4 | 22.1 | | ug/m3 | | 114 | 70 - 140 |
| Chloroethane | 13.2 | 11.9 | | ug/m3 | | 90 | 70 - 131 |
| Bromoethene(Vinyl Bromide) | 21.9 | 20.1 | | ug/m3 | | 92 | 70 - 130 |
| Trichlorofluoromethane | 28.1 | 26.7 | | ug/m3 | | 95 | 70 - 130 |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 40.7 | | ug/m3 | | 106 | 70 - 130 |
| 1,1-Dichloroethene | 19.8 | 19.8 | | ug/m3 | | 100 | 70 - 131 |
| Acetone | 11.9 | 8.90 | J | ug/m3 | | 75 | 70 - 137 |
| Isopropyl alcohol | 12.3 | 7.75 | J | ug/m3 | | 63 | 62 - 135 |
| Carbon disulfide | 15.6 | 12.0 | | ug/m3 | | 77 | 70 - 130 |
| 3-Chloropropene | 15.7 | 12.7 | | ug/m3 | | 81 | 70 - 137 |
| Methylene Chloride | 17.4 | 16.5 | | ug/m3 | | 95 | 70 - 130 |
| tert-Butyl alcohol | 16.8 | 13.1 | J | ug/m3 | | 78 | 50 - 130 |
| Methyl tert-butyl ether | 18.0 | 15.1 | | ug/m3 | | 84 | 70 - 130 |
| trans-1,2-Dichloroethene | 19.8 | 17.7 | | ug/m3 | | 89 | 70 - 130 |
| n-Hexane | 17.6 | 13.8 | | ug/m3 | | 78 | 61 - 130 |
| 1,1-Dichloroethane | 20.2 | 19.3 | | ug/m3 | | 95 | 70 - 130 |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 12.0 | | ug/m3 | | 81 | 70 - 130 |
| cis-1,2-Dichloroethene | 19.8 | 18.3 | | ug/m3 | | 92 | 70 - 130 |
| Chloroform | 24.4 | 24.1 | | ug/m3 | | 99 | 70 - 130 |
| Tetrahydrofuran | 14.7 | 11.6 | J | ug/m3 | | 79 | 54 - 143 |
| 1,1,1-Trichloroethane | 27.3 | 24.9 | | ug/m3 | | 91 | 70 - 130 |
| Cyclohexane | 17.2 | 13.7 | | ug/m3 | | 80 | 61 - 130 |
| Carbon tetrachloride | 31.5 | 29.3 | | ug/m3 | | 93 | 70 - 130 |
| 2,2,4-Trimethylpentane | 23.4 | 20.5 | | ug/m3 | | 88 | 70 - 130 |
| Benzene | 16.0 | 14.7 | | ug/m3 | | 92 | 70 - 130 |
| 1,2-Dichloroethane | 20.2 | 17.4 | | ug/m3 | | 86 | 70 - 131 |
| n-Heptane | 20.5 | 17.4 | | ug/m3 | | 85 | 70 - 130 |
| Trichloroethene | 26.9 | 26.1 | | ug/m3 | | 97 | 70 - 130 |
| Methyl methacrylate | 20.5 | 15.4 | | ug/m3 | | 75 | 70 - 130 |
| 1,2-Dichloropropane | 23.1 | 18.4 | | ug/m3 | | 80 | 70 - 130 |
| 1,4-Dioxane | 18.0 | 15.1 | J | ug/m3 | | 84 | 70 - 130 |
| Bromodichloromethane | 33.5 | 28.9 | | ug/m3 | | 86 | 70 - 130 |
| cis-1,3-Dichloropropene | 22.7 | 18.4 | | ug/m3 | | 81 | 70 - 130 |

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

**Lab Sample ID: LCS 410-705851/4**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 14.8 | | ug/m3 | | 72 | 68 - 133 |
| Toluene | 18.8 | 16.5 | | ug/m3 | | 88 | 70 - 130 |
| trans-1,3-Dichloropropene | 22.7 | 20.7 | | ug/m3 | | 91 | 70 - 130 |
| 1,1,2-Trichloroethane | 27.3 | 24.9 | | ug/m3 | | 91 | 70 - 130 |
| Tetrachloroethene | 33.9 | 27.9 | | ug/m3 | | 82 | 70 - 140 |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 14.7 | | ug/m3 | | 72 | 57 - 141 |
| Dibromochloromethane | 42.6 | 39.4 | | ug/m3 | | 93 | 70 - 130 |
| 1,2-Dibromoethane | 38.4 | 35.5 | | ug/m3 | | 92 | 70 - 130 |
| Chlorobenzene | 23.0 | 20.1 | | ug/m3 | | 87 | 70 - 130 |
| Ethylbenzene | 21.7 | 18.6 | | ug/m3 | | 86 | 70 - 130 |
| m,p-Xylene | 21.7 | 19.8 | | ug/m3 | | 91 | 70 - 130 |
| o-Xylene | 21.7 | 17.2 | | ug/m3 | | 79 | 70 - 130 |
| Xylene (total) | 43.4 | 37.0 | | ug/m3 | | 85 | 70 - 130 |
| Styrene | 21.3 | 18.1 | | ug/m3 | | 85 | 70 - 133 |
| Bromoform | 51.7 | 45.6 | | ug/m3 | | 88 | 60 - 139 |
| Cumene | 24.6 | 20.9 | | ug/m3 | | 85 | 70 - 137 |
| 1,1,2,2-Tetrachloroethane | 34.3 | 27.7 | | ug/m3 | | 81 | 61 - 130 |
| n-Propylbenzene | 24.6 | 20.2 | | ug/m3 | | 82 | 70 - 130 |
| 4-Ethyltoluene | 24.6 | 21.3 | | ug/m3 | | 87 | 69 - 139 |
| 1,3,5-Trimethylbenzene | 24.6 | 19.9 | | ug/m3 | | 81 | 69 - 141 |
| 2-Chlorotoluene | 25.9 | 21.9 | | ug/m3 | | 85 | 70 - 130 |
| tert-Butylbenzene | 27.4 | 22.8 | | ug/m3 | | 83 | 63 - 130 |
| 1,2,4-Trimethylbenzene | 24.6 | 18.8 | | ug/m3 | | 77 | 65 - 146 |
| sec-Butylbenzene | 27.4 | 22.4 | | ug/m3 | | 81 | 66 - 141 |
| 4-Isopropyltoluene | 27.4 | 21.2 | | ug/m3 | | 77 | 60 - 148 |
| 1,3-Dichlorobenzene | 30.1 | 24.7 | | ug/m3 | | 82 | 64 - 140 |
| 1,4-Dichlorobenzene | 30.1 | 24.0 | | ug/m3 | | 80 | 64 - 137 |
| Benzyl chloride | 25.9 | 18.8 | | ug/m3 | | 73 | 57 - 142 |
| n-Butylbenzene | 27.4 | 21.1 | | ug/m3 | | 77 | 57 - 143 |
| 1,2-Dichlorobenzene | 30.1 | 23.3 | | ug/m3 | | 77 | 61 - 139 |
| 1,2,4-Trichlorobenzene | 37.1 | 31.2 | | ug/m3 | | 84 | 52 - 143 |
| Hexachlorobutadiene | 53.3 | 47.9 | | ug/m3 | | 90 | 40 - 157 |
| Naphthalene | 30.4 | 21.1 | | ug/m3 | | 69 | 22 - 139 |

**Lab Sample ID: LCSD 410-705851/5**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.4 | | ug/m3 | | 99 | 70 - 131 | 1 | 25 |
| Chlorodifluoromethane | 17.7 | 16.7 | | ug/m3 | | 94 | 70 - 132 | 0 | 25 |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 34.4 | | ug/m3 | | 98 | 70 - 130 | 2 | 25 |
| Chloromethane | 10.3 | 8.99 | | ug/m3 | | 87 | 64 - 138 | 0 | 25 |
| Vinyl chloride | 12.8 | 12.5 | | ug/m3 | | 98 | 70 - 135 | 1 | 25 |
| 1,3-Butadiene | 11.1 | 9.45 | | ug/m3 | | 85 | 70 - 131 | 0 | 25 |
| Bromomethane | 19.4 | 22.0 | | ug/m3 | | 113 | 70 - 140 | 0 | 25 |

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

**Lab Sample ID: LCSD 410-705851/5**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloroethane | 13.2 | 12.0 | | ug/m3 | | 91 | 70 - 131 | 1 | 25 |
| Bromoethene(Vinyl Bromide) | 21.9 | 20.1 | | ug/m3 | | 92 | 70 - 130 | 0 | 25 |
| Trichlorofluoromethane | 28.1 | 26.7 | | ug/m3 | | 95 | 70 - 130 | 0 | 25 |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 41.0 | | ug/m3 | | 107 | 70 - 130 | 1 | 25 |
| 1,1-Dichloroethene | 19.8 | 20.1 | | ug/m3 | | 101 | 70 - 131 | 1 | 25 |
| Acetone | 11.9 | 8.72 | J | ug/m3 | | 73 | 70 - 137 | 2 | 25 |
| Isopropyl alcohol | 12.3 | 7.76 | J | ug/m3 | | 63 | 62 - 135 | 0 | 25 |
| Carbon disulfide | 15.6 | 12.0 | | ug/m3 | | 77 | 70 - 130 | 0 | 25 |
| 3-Chloropropene | 15.7 | 12.7 | | ug/m3 | | 81 | 70 - 137 | 0 | 25 |
| Methylene Chloride | 17.4 | 16.5 | | ug/m3 | | 95 | 70 - 130 | 0 | 25 |
| tert-Butyl alcohol | 16.8 | 13.2 | J | ug/m3 | | 78 | 50 - 130 | 0 | 25 |
| Methyl tert-butyl ether | 18.0 | 15.1 | | ug/m3 | | 84 | 70 - 130 | 0 | 25 |
| trans-1,2-Dichloroethene | 19.8 | 17.7 | | ug/m3 | | 89 | 70 - 130 | 0 | 25 |
| n-Hexane | 17.6 | 14.1 | | ug/m3 | | 80 | 61 - 130 | 2 | 25 |
| 1,1-Dichloroethane | 20.2 | 19.5 | | ug/m3 | | 96 | 70 - 130 | 1 | 25 |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 12.2 | | ug/m3 | | 83 | 70 - 130 | 2 | 25 |
| cis-1,2-Dichloroethene | 19.8 | 18.4 | | ug/m3 | | 93 | 70 - 130 | 0 | 25 |
| Chloroform | 24.4 | 24.4 | | ug/m3 | | 100 | 70 - 130 | 1 | 25 |
| Tetrahydrofuran | 14.7 | 11.6 | J | ug/m3 | | 79 | 54 - 143 | 0 | 25 |
| 1,1,1-Trichloroethane | 27.3 | 25.0 | | ug/m3 | | 92 | 70 - 130 | 0 | 25 |
| Cyclohexane | 17.2 | 13.9 | | ug/m3 | | 81 | 61 - 130 | 1 | 25 |
| Carbon tetrachloride | 31.5 | 29.2 | | ug/m3 | | 93 | 70 - 130 | 1 | 25 |
| 2,2,4-Trimethylpentane | 23.4 | 20.6 | | ug/m3 | | 88 | 70 - 130 | 1 | 25 |
| Benzene | 16.0 | 15.0 | | ug/m3 | | 94 | 70 - 130 | 2 | 25 |
| 1,2-Dichloroethane | 20.2 | 17.8 | | ug/m3 | | 88 | 70 - 131 | 2 | 25 |
| n-Heptane | 20.5 | 17.1 | | ug/m3 | | 84 | 70 - 130 | 2 | 25 |
| Trichloroethene | 26.9 | 25.8 | | ug/m3 | | 96 | 70 - 130 | 1 | 25 |
| Methyl methacrylate | 20.5 | 15.9 | | ug/m3 | | 78 | 70 - 130 | 3 | 25 |
| 1,2-Dichloropropane | 23.1 | 18.5 | | ug/m3 | | 80 | 70 - 130 | 1 | 25 |
| 1,4-Dioxane | 18.0 | 14.8 | J | ug/m3 | | 82 | 70 - 130 | 2 | 25 |
| Bromodichloromethane | 33.5 | 28.9 | | ug/m3 | | 86 | 70 - 130 | 0 | 25 |
| cis-1,3-Dichloropropene | 22.7 | 18.5 | | ug/m3 | | 82 | 70 - 130 | 1 | 25 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 14.9 | | ug/m3 | | 73 | 68 - 133 | 0 | 25 |
| Toluene | 18.8 | 16.7 | | ug/m3 | | 89 | 70 - 130 | 1 | 25 |
| trans-1,3-Dichloropropene | 22.7 | 20.8 | | ug/m3 | | 92 | 70 - 130 | 1 | 25 |
| 1,1,2-Trichloroethane | 27.3 | 25.0 | | ug/m3 | | 92 | 70 - 130 | 1 | 25 |
| Tetrachloroethene | 33.9 | 28.5 | | ug/m3 | | 84 | 70 - 140 | 2 | 25 |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 15.0 | | ug/m3 | | 73 | 57 - 141 | 2 | 25 |
| Dibromochloromethane | 42.6 | 39.1 | | ug/m3 | | 92 | 70 - 130 | 1 | 25 |
| 1,2-Dibromoethane | 38.4 | 36.5 | | ug/m3 | | 95 | 70 - 130 | 3 | 25 |
| Chlorobenzene | 23.0 | 20.4 | | ug/m3 | | 89 | 70 - 130 | 2 | 25 |
| Ethylbenzene | 21.7 | 18.8 | | ug/m3 | | 86 | 70 - 130 | 1 | 25 |
| m,p-Xylene | 21.7 | 19.5 | | ug/m3 | | 90 | 70 - 130 | 1 | 25 |
| o-Xylene | 21.7 | 17.5 | | ug/m3 | | 81 | 70 - 130 | 2 | 25 |
| Xylene (total) | 43.4 | 37.0 | | ug/m3 | | 85 | 70 - 130 | 0 | 25 |

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

**Lab Sample ID: LCSD 410-705851/5**
**Matrix: Air**
**Analysis Batch: 705851**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Styrene | | | 21.3 | 18.3 | | ug/m3 | | 86 | 70 - 133 | 1 | 25 |
| Bromoform | | | 51.7 | 45.9 | | ug/m3 | | 89 | 60 - 139 | 1 | 25 |
| Cumene | | | 24.6 | 21.1 | | ug/m3 | | 86 | 70 - 137 | 1 | 25 |
| 1,1,2,2-Tetrachloroethane | | | 34.3 | 27.9 | | ug/m3 | | 81 | 61 - 130 | 1 | 25 |
| n-Propylbenzene | | | 24.6 | 20.4 | | ug/m3 | | 83 | 70 - 130 | 1 | 25 |
| 4-Ethyltoluene | | | 24.6 | 21.2 | | ug/m3 | | 86 | 69 - 139 | 1 | 25 |
| 1,3,5-Trimethylbenzene | | | 24.6 | 19.7 | | ug/m3 | | 80 | 69 - 141 | 1 | 25 |
| 2-Chlorotoluene | | | 25.9 | 21.6 | | ug/m3 | | 83 | 70 - 130 | 1 | 25 |
| tert-Butylbenzene | | | 27.4 | 23.3 | | ug/m3 | | 85 | 63 - 130 | 2 | 25 |
| 1,2,4-Trimethylbenzene | | | 24.6 | 19.1 | | ug/m3 | | 78 | 65 - 146 | 2 | 25 |
| sec-Butylbenzene | | | 27.4 | 22.5 | | ug/m3 | | 82 | 66 - 141 | 0 | 25 |
| 4-Isopropyltoluene | | | 27.4 | 21.3 | | ug/m3 | | 78 | 60 - 148 | 1 | 25 |
| 1,3-Dichlorobenzene | | | 30.1 | 24.5 | | ug/m3 | | 82 | 64 - 140 | 1 | 25 |
| 1,4-Dichlorobenzene | | | 30.1 | 23.6 | | ug/m3 | | 78 | 64 - 137 | 2 | 25 |
| Benzyl chloride | | | 25.9 | 19.4 | | ug/m3 | | 75 | 57 - 142 | 3 | 25 |
| n-Butylbenzene | | | 27.4 | 21.2 | | ug/m3 | | 77 | 57 - 143 | 0 | 25 |
| 1,2-Dichlorobenzene | | | 30.1 | 23.4 | | ug/m3 | | 78 | 61 - 139 | 1 | 25 |
| 1,2,4-Trichlorobenzene | | | 37.1 | 31.4 | | ug/m3 | | 85 | 52 - 143 | 1 | 25 |
| Hexachlorobutadiene | | | 53.3 | 48.0 | | ug/m3 | | 90 | 40 - 157 | 0 | 25 |
| Naphthalene | | | 30.4 | 21.4 | | ug/m3 | | 71 | 22 - 139 | 2 | 25 |

## Air - GC/MS VOA

### Analysis Batch: 704888

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-335451-1 | C241174_RR-IA02_MW16D19D_092025 | Total/NA | Air | TO 15 LL | |
| 460-335451-2 | C241174_RR-AA02_MW16D19D_092025 | Total/NA | Air | TO 15 LL | |
| 460-335451-3 | C241174_PLR-IA03_MW30D_092125 | Total/NA | Air | TO 15 LL | |
| 460-335451-4 | C241174_PLR-AA03_MW30D_092125 | Total/NA | Air | TO 15 LL | |
| 460-335451-5 | C241174_LR-IA02_MW30D_092025 | Total/NA | Air | TO 15 LL | |
| 460-335451-6 | C241174_LR-AA02_MW30D_092025 | Total/NA | Air | TO 15 LL | |
| 460-335451-7 | C241174_PLR-IA03_MW16D19D_092125 | Total/NA | Air | TO 15 LL | |
| 460-335451-8 | C241174_PLR-AA03_MW16D19D_092125 | Total/NA | Air | TO 15 LL | |
| MB 410-704888/7 | Method Blank | Total/NA | Air | TO 15 LL | |
| LCS 410-704888/4 | Lab Control Sample | Total/NA | Air | TO 15 LL | |
| LCS 410-704888/5 | Lab Control Sample | Total/NA | Air | TO 15 LL | |

### Analysis Batch: 705851

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-335451-3 - DL | C241174_PLR-IA03_MW30D_092125 | Total/NA | Air | TO 15 LL | |
| MB 410-705851/7 | Method Blank | Total/NA | Air | TO 15 LL | |
| LCS 410-705851/4 | Lab Control Sample | Total/NA | Air | TO 15 LL | |
| LCSD 410-705851/5 | Lab Control Sample Dup | Total/NA | Air | TO 15 LL | |

## Client Sample ID: C241174_RR-IA02_MW16D19D_092025
**Lab Sample ID: 460-335451-1**
**Date Collected: 09/20/25 13:02**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 17:57 |

## Client Sample ID: C241174_RR-AA02_MW16D19D_092025
**Lab Sample ID: 460-335451-2**
**Date Collected: 09/20/25 12:44**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 18:32 |

## Client Sample ID: C241174_PLR-IA03_MW30D_092125
**Lab Sample ID: 460-335451-3**
**Date Collected: 09/21/25 13:35**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | DL | 4 | 705851 | D7UM | ELLE | 09/29/25 07:43 |
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 19:06 |

## Client Sample ID: C241174_PLR-AA03_MW30D_092125
**Lab Sample ID: 460-335451-4**
**Date Collected: 09/21/25 13:13**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 19:41 |

## Client Sample ID: C241174_LR-IA02_MW30D_092025
**Lab Sample ID: 460-335451-5**
**Date Collected: 09/20/25 18:21**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 20:15 |

## Client Sample ID: C241174_LR-AA02_MW30D_092025
**Lab Sample ID: 460-335451-6**
**Date Collected: 09/20/25 18:25**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 20:50 |

## Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
**Lab Sample ID: 460-335451-7**
**Date Collected: 09/21/25 12:05**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 21:25 |

# Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

## Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
## Lab Sample ID: 460-335451-8

**Date Collected: 09/21/25 12:51**
**Matrix: Air**
**Date Received: 09/22/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO 15 LL | | 1 | 704888 | JXC9 | ELLE | 09/26/25 21:59 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| A2LA | Dept. of Defense ELAP | 0001.01 | 11-30-26 |
| A2LA | Dept. of Energy | 0001.01 | 11-30-26 |
| A2LA | ISO/IEC 17025 | 0001.01 | 11-30-26 |
| Alabama | State | 43200 | 01-31-26 |
| Alaska | State | PA00009 | 06-30-26 |
| Alaska (UST) | State | 17-027 | 12-30-26 |
| Arizona | State | AZ0780 | 03-12-26 |
| Arkansas DEQ | State | 88-00660 | 08-09-26 |
| California | State | 2792 | 01-31-26 |
| Colorado | State | PA00009 | 06-30-26 |
| Connecticut | State | PH-0746 | 06-30-27 |
| DE Haz. Subst. Cleanup Act (HSCA) | State | 019-006 (PA cert) | 01-31-26 |
| Delaware (DW) | State | N/A | 01-31-26 |
| Florida | NELAP | E87997 | 07-01-26 |
| Georgia (DW) | State | C048 | 01-31-26 |
| Illinois | NELAP | 200027 | 01-31-26 |
| Iowa | State | 361 | 03-01-26 |
| Kansas | NELAP | E-10151 | 10-31-25 |
| Kentucky (DW) | State | KY90088 | 12-31-25 |
| Kentucky (UST) | State | 0001.01 | 11-30-26 |
| Kentucky (WW) | State | KY90088 | 12-31-25 |
| Louisiana (All) | NELAP | 02055 | 06-30-26 |
| Maine | State | 2019012 | 03-12-27 |
| Maryland | State | 100 | 06-30-26 |
| Massachusetts | State | M-PA009 | 06-30-26 |
| Michigan | State | 9930 | 01-31-26 |
| Minnesota | NELAP | 042-999-487 | 12-31-25 |
| Mississippi | State | 023 | 01-31-26 |
| Missouri | State | 450 | 01-31-28 |
| Montana (DW) | State | 0098 | 01-01-26 |
| Nebraska | State | NE-OS-32-17 | 01-31-26 |
| New Hampshire | NELAP | 2730 | 01-10-26 |
| New Jersey | NELAP | PA011 | 06-30-26 |
| New York | NELAP | 10670 | 04-01-26 |
| North Carolina (DW) | State | 42705 | 07-31-26 |
| North Carolina (WW/SW) | State | 521 | 12-31-25 |
| North Dakota | State | R-205 | 01-31-24 * |

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Ohio | State | 87787 | 01-31-26 |
| Oklahoma | NELAP | 9804 | 12-31-25 |
| Oregon | NELAP | PA200001 | 09-12-26 |
| Pennsylvania | NELAP | 36-00037 | 01-31-26 |
| Quebec Ministry of Environment and Fight against Climate Change | PALA | 507 | 09-16-29 |
| Rhode Island | State | LAO00338 | 12-30-25 |
| South Carolina | State | 89002 | 01-31-26 |
| Tennessee | State | 02838 | 01-31-26 |
| Texas | NELAP | T104704194-23-46 | 08-31-26 |
| USDA | US Federal Programs | 525-22-298-19481 | 10-25-25 |
| Vermont | State | VT - 36037 | 10-27-25 |
| Virginia | NELAP | 460182 | 06-14-26 |
| Washington | State | C457 | 04-11-26 |
| West Virginia (DW) | State | 9906 C | 03-31-26 |
| West Virginia DEP | State | 055 | 07-31-26 |
| Wyoming | State | 8TMS-L | 01-31-26 |
| Wyoming (UST) | A2LA | 0001.01 | 11-30-26 |

# Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

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

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

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

# Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 460-335451-1 | C241174_RR-IA02_MW16D19D_092025 | Air | 09/20/25 13:02 | 09/22/25 19:15 | Air Canister (6-Liter) #1188 |
| 460-335451-2 | C241174_RR-AA02_MW16D19D_092025 | Air | 09/20/25 12:44 | 09/22/25 19:15 | Air Canister (6-Liter) #801 |
| 460-335451-3 | C241174_PLR-IA03_MW30D_092125 | Air | 09/21/25 13:35 | 09/22/25 19:15 | Air Canister (6-Liter) #1651 |
| 460-335451-4 | C241174_PLR-AA03_MW30D_092125 | Air | 09/21/25 13:13 | 09/22/25 19:15 | Air Canister (6-Liter) #1907 |
| 460-335451-5 | C241174_LR-IA02_MW30D_092025 | Air | 09/20/25 18:21 | 09/22/25 19:15 | Air Canister (6-Liter) #1463 |
| 460-335451-6 | C241174_LR-AA02_MW30D_092025 | Air | 09/20/25 18:25 | 09/22/25 19:15 | Air Canister (6-Liter) #1501 |
| 460-335451-7 | C241174_PLR-IA03_MW16D19D_092125 | Air | 09/21/25 12:05 | 09/22/25 19:15 | Air Canister (6-Liter) #1461 |
| 460-335451-8 | C241174_PLR-AA03_MW16D19D_092125 | Air | 09/21/25 12:51 | 09/22/25 19:15 | Air Canister (6-Liter) #1479 |

# Quantitation Limit Exceptions Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-335451-1
Project/Site: ABC Block 26 - Air

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte | Matrix | Prep Type | Unit | Client RL | Lab PQL |
|---|---|---|---|---|---|---|
| TO 15 LL | 1,1,2-Trichlorotrifluoroethane | Air | Total/NA | ug/m3 | 1.5 | 1.53 |
| TO 15 LL | 1,2,4-Trichlorobenzene | Air | Total/NA | ug/m3 | 3.7 | 3.71 |
| TO 15 LL | 1,2,4-Trimethylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | 1,2-Dibromoethane | Air | Total/NA | ug/m3 | 1.5 | 1.54 |
| TO 15 LL | 1,2-Dichloropropane | Air | Total/NA | ug/m3 | 0.92 | 0.924 |
| TO 15 LL | 1,3,5-Trimethylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | 1,3-Butadiene | Air | Total/NA | ug/m3 | 0.44 | 0.442 |
| TO 15 LL | 2,2,4-Trimethylpentane | Air | Total/NA | ug/m3 | 0.93 | 0.934 |
| TO 15 LL | 2-Chlorotoluene | Air | Total/NA | ug/m3 | 1.0 | 1.04 |
| TO 15 LL | 4-Ethyltoluene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Benzyl chloride | Air | Total/NA | ug/m3 | 1.0 | 1.04 |
| TO 15 LL | Bromodichloromethane | Air | Total/NA | ug/m3 | 1.3 | 1.34 |
| TO 15 LL | Chlorobenzene | Air | Total/NA | ug/m3 | 0.92 | 0.921 |
| TO 15 LL | Chloroethane | Air | Total/NA | ug/m3 | 1.3 | 1.32 |
| TO 15 LL | Chloromethane | Air | Total/NA | ug/m3 | 1.0 | 1.03 |
| TO 15 LL | Cumene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Hexachlorobutadiene | Air | Total/NA | ug/m3 | 2.1 | 2.13 |
| TO 15 LL | Isopropyl alcohol | Air | Total/NA | ug/m3 | 12 | 12.3 |
| TO 15 LL | Methyl tert-butyl ether | Air | Total/NA | ug/m3 | 0.72 | 0.721 |
| TO 15 LL | Methylene Chloride | Air | Total/NA | ug/m3 | 1.7 | 1.74 |
| TO 15 LL | n-Propylbenzene | Air | Total/NA | ug/m3 | 0.98 | 0.983 |
| TO 15 LL | Styrene | Air | Total/NA | ug/m3 | 0.85 | 0.852 |
| TO 15 LL | tert-Butyl alcohol | Air | Total/NA | ug/m3 | 15 | 15.2 |
| TO 15 LL | Toluene | Air | Total/NA | ug/m3 | 0.75 | 0.754 |
| TO 15 LL | trans-1,2-Dichloroethene | Air | Total/NA | ug/m3 | 0.79 | 0.793 |
| TO 15 LL | Trichlorofluoromethane | Air | Total/NA | ug/m3 | 1.1 | 1.12 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Analysis Batch Number: 693962

Lab Sample ID: IC 410-693962/3  Client Sample ID:

Date Analyzed: 08/29/25 20:42  Lab File ID: 6G29X03.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1-Dichloroethene | 3.35 | Split Peak | D7UM | 09/03/25 12:40 |
| Acetone | 3.49 | Split Peak | D7UM | 09/03/25 12:41 |
| 3-Chloropropene | 3.78 | Split Peak | D7UM | 09/03/25 12:41 |
| n-Hexane | 4.41 | Split Peak | D7UM | 09/03/25 12:41 |
| cis-1,2-Dichloroethene | 5.36 | Split Peak | D7UM | 09/03/25 12:42 |
| Carbon tetrachloride | 6.00 | Baseline | D7UM | 09/03/25 12:43 |
| Benzene | 6.28 | Baseline | D7UM | 09/03/25 12:43 |
| 1,3-Butadiene | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Bromomethane | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Chlorodifluoromethane | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Chloroethane | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Chloromethane | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Tetrahydrofuran | | Invalid Compound ID | D7UM | 09/03/25 12:42 |
| trans-1,3-Dichloropropene | | Invalid Compound ID | D7UM | 09/03/25 12:43 |
| Vinyl chloride | | Invalid Compound ID | D7UM | 09/03/25 12:40 |
| Styrene | 10.51 | Split Peak | D7UM | 09/03/25 12:44 |
| 1,1,2,2-Tetrachloroethane | 11.03 | Baseline | D7UM | 09/03/25 12:44 |
| Benzyl chloride | 11.81 | Split Peak | D7UM | 09/03/25 12:45 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Analysis Batch Number: 693962

Lab Sample ID: IC 410-693962/4  Client Sample ID:

Date Analyzed: 08/29/25 21:08  Lab File ID: 6G29X04.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Vinyl chloride | 1.99 | Split Peak | D7UM | 09/03/25 13:42 |
| 1,3-Butadiene | 2.02 | Split Peak | D7UM | 09/03/25 13:42 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 13:45 |
| Bromomethane | | Invalid Compound ID | D7UM | 09/03/25 13:42 |
| Chloroethane | | Invalid Compound ID | D7UM | 09/03/25 13:42 |
| Chloromethane | | Invalid Compound ID | D7UM | 09/03/25 13:41 |
| Tetrahydrofuran | | Invalid Compound ID | D7UM | 09/03/25 13:44 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Baseline | D7UM | 09/03/25 13:46 |

Lab Sample ID: IC 410-693962/5  Client Sample ID:

Date Analyzed: 08/29/25 21:34  Lab File ID: 6G29X05.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 1.95 | Split Peak | D7UM | 09/03/25 14:07 |
| 1,3-Butadiene | 2.01 | Split Peak | D7UM | 09/03/25 13:47 |
| Chloroethane | 2.50 | Baseline | D7UM | 09/03/25 13:48 |
| tert-Butyl alcohol | 4.09 | Split Peak | D7UM | 09/03/25 13:52 |
| trans-1,3-Dichloropropene | 8.92 | Peak assignment corrected | D7UM | 09/03/25 13:53 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Analysis Batch Number: 693962

Lab Sample ID: IC 410-693962/6  Client Sample ID:

Date Analyzed: 08/29/25 22:02  Lab File ID: 6G29X06.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 1.95 | Split Peak | D7UM | 09/03/25 14:07 |
| Bromomethane | 2.39 | Baseline | D7UM | 09/03/25 13:54 |
| Chloroethane | 2.52 | Baseline | D7UM | 09/03/25 13:54 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 13:55 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 13:55 |

Lab Sample ID: IC 410-693962/7  Client Sample ID:

Date Analyzed: 08/29/25 22:27  Lab File ID: 6G29X07.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 1.95 | Baseline | D7UM | 09/03/25 14:09 |
| Chloroethane | 2.50 | Baseline | D7UM | 09/03/25 13:56 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 13:57 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 13:57 |

Lab Sample ID: ICISAV 410-693962/8  Client Sample ID:

Date Analyzed: 08/29/25 22:54  Lab File ID: 6G29X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 1.95 | Peak assignment corrected | D7UM | 09/03/25 14:09 |
| Chloroethane | 2.51 | Baseline | D7UM | 09/03/25 12:24 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 12:25 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 12:25 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Analysis Batch Number: 693962

Lab Sample ID: IC 410-693962/9  Client Sample ID:

Date Analyzed: 08/29/25 23:22  Lab File ID: 6G29X09.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 1.95 | Baseline | D7UM | 09/03/25 14:10 |
| cis-1,3-Dichloropropene | 8.22 | Peak assignment corrected | D7UM | 09/03/25 12:28 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 12:28 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 12:28 |

Lab Sample ID: IC 410-693962/10  Client Sample ID:

Date Analyzed: 08/29/25 23:57  Lab File ID: 6G29X10.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 1.89 | Split Peak | D7UM | 09/03/25 12:37 |
| n-Butane | 1.96 | Baseline | D7UM | 09/03/25 14:10 |
| trans-1,3-Dichloropropene | 8.91 | Peak assignment corrected | D7UM | 09/03/25 12:37 |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 12:38 |

Lab Sample ID: ICV 410-693962/15  Client Sample ID:

Date Analyzed: 08/30/25 02:14  Lab File ID: 6G29X15.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 11.04 | Split Peak | D7UM | 09/03/25 14:16 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Analysis Batch Number: 705851

Lab Sample ID: CCVIS 410-705851/3  Client Sample ID:

Date Analyzed: 09/28/25 19:57  Lab File ID: 6S28X02X.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 11.03 | Split Peak | D7UM | 09/29/25 13:06 |

Lab Sample ID: LCS 410-705851/4  Client Sample ID:

Date Analyzed: 09/28/25 20:19  Lab File ID: 6S28X03X.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 11.03 | Split Peak | D7UM | 09/29/25 13:06 |

Lab Sample ID: LCSD 410-705851/5  Client Sample ID:

Date Analyzed: 09/28/25 20:41  Lab File ID: 6S28X04X.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 11.03 | Split Peak | D7UM | 09/29/25 13:08 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/3  Client Sample ID:

Date Analyzed: 09/07/25 22:59  Lab File ID: 7S07X03.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 3.78 | Split Peak | D7UM | 09/10/25 09:24 |
| n-Butane | 4.02 | Baseline | D7UM | 09/10/25 11:08 |
| 1,3-Butadiene | 4.11 | Other | UKEK | 09/11/25 07:29 |
| Acetone | 6.41 | Split Peak | D7UM | 09/10/25 09:24 |
| Isopropyl alcohol | 6.61 | Split Peak | D7UM | 09/10/25 09:24 |
| 3-Chloropropene | 6.99 | Split Peak | D7UM | 09/10/25 09:25 |
| tert-Butyl alcohol | 7.29 | Baseline | D7UM | 09/10/25 09:25 |
| 1,4-Dioxane | | Invalid Compound ID | D7UM | 09/10/25 10:02 |
| Bromomethane | | Split Peak | JXC9 | 09/09/25 13:59 |
| Chloroethane | | Split Peak | JXC9 | 09/09/25 13:59 |
| Methyl methacrylate | | Invalid Compound ID | D7UM | 09/10/25 09:26 |
| Tetrahydrofuran | | Invalid Compound ID | D7UM | 09/10/25 09:26 |
| Carbon tetrachloride | 10.32 | Baseline | D7UM | 09/10/25 09:26 |
| Benzene | 10.60 | Split Peak | D7UM | 09/10/25 09:26 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:01 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:27 |
| m,p-Xylene | 14.67 | Peak assignment corrected | D7UM | 09/10/25 09:27 |
| 4-Ethyltoluene | 15.67 | Split Peak | D7UM | 09/10/25 09:28 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | D7UM | 09/10/25 09:28 |
| 4-Isopropyltoluene | 16.21 | Split Peak | D7UM | 09/10/25 09:28 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/4  Client Sample ID:

Date Analyzed: 09/07/25 23:25  Lab File ID: 7S07X04.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 3.76 | Split Peak | JXC9 | 09/09/25 13:47 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:08 |
| Chloroethane | 4.91 | Split Peak | D7UM | 09/10/25 09:30 |
| Acetone | 6.39 | Split Peak | JXC9 | 09/09/25 13:51 |
| Isopropyl alcohol | 6.61 | Split Peak | D7UM | 09/10/25 09:31 |
| 3-Chloropropene | 6.98 | Other | UKEK | 09/11/25 07:33 |
| Tetrahydrofuran | 9.65 | Split Peak | JXC9 | 09/09/25 13:53 |
| Methyl Ethyl Ketone (2-Butanone) | | Invalid Compound ID | D7UM | 09/10/25 09:31 |
| Carbon tetrachloride | 10.31 | Baseline | JXC9 | 09/09/25 13:54 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:02 |
| Toluene | 13.13 | Split Peak | JXC9 | 09/09/25 13:55 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:33 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/09/25 13:56 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:56 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:33 |
| sec-Butylbenzene | 16.11 | Split Peak | JXC9 | 09/09/25 13:56 |
| 4-Isopropyltoluene | 16.21 | Split Peak | D7UM | 09/10/25 09:33 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/5  Client Sample ID:

Date Analyzed: 09/07/25 23:52  Lab File ID: 7S07X05.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:07 |
| Chloroethane | 4.91 | Baseline | D7UM | 09/10/25 09:34 |
| Isopropyl alcohol | 6.60 | Split Peak | JXC9 | 09/09/25 13:51 |
| Tetrahydrofuran | 9.64 | Split Peak | D7UM | 09/10/25 09:35 |
| 1,2-Dichloropropane | 11.93 | Split Peak | JXC9 | 09/09/25 13:41 |
| Methyl methacrylate | 11.95 | Split Peak | JXC9 | 09/09/25 13:41 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:02 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:36 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | D7UM | 09/10/25 09:36 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:42 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:42 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:36 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/6  Client Sample ID:

Date Analyzed: 09/08/25 00:19  Lab File ID: 7S07X06.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chlorodifluoromethane | 3.41 | Split Peak | JXC9 | 09/09/25 13:27 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:07 |
| Chloroethane | 4.91 | Split Peak | D7UM | 09/10/25 09:39 |
| tert-Butyl alcohol | 7.30 | Split Peak | JXC9 | 09/09/25 13:28 |
| Methyl methacrylate | 11.94 | Split Peak | JXC9 | 09/09/25 13:31 |
| Toluene | 13.13 | Split Peak | JXC9 | 09/09/25 13:31 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:39 |
| 1,1,2-Trichloroethane | 13.55 | Split Peak | JXC9 | 09/09/25 13:30 |
| Methyl Butyl Ketone (2-Hexanone) | 13.73 | Split Peak | D7UM | 09/10/25 09:39 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 13:30 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:30 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:31 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:40 |

Lab Sample ID: IC 410-695447/7  Client Sample ID:

Date Analyzed: 09/08/25 00:45  Lab File ID: 7S07X07.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:05 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:03 |
| 1,1,2-Trichloroethane | 13.55 | Split Peak | JXC9 | 09/09/25 13:23 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 13:24 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 13:24 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 13:24 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:23 |
| Benzyl chloride | 16.37 | Split Peak | JXC9 | 09/09/25 13:24 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Dichlorodifluoromethane | 3.38 | Peak assignment corrected | D7UM | 09/08/25 13:55 |
| Chlorodifluoromethane | 3.41 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| 1,2-Dichlorotetrafluoroethane | 3.64 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| Chloromethane | 3.77 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:05 |
| Vinyl chloride | 4.01 | Peak assignment corrected | D7UM | 09/08/25 13:56 |
| 1,3-Butadiene | 4.09 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Bromomethane | 4.69 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Chloroethane | 4.91 | Peak assignment corrected | D7UM | 09/08/25 13:59 |
| Bromoethene(Vinyl Bromide) | 5.27 | Peak assignment corrected | D7UM | 09/08/25 14:44 |
| Trichlorofluoromethane | 5.40 | Peak assignment corrected | D7UM | 09/08/25 14:45 |
| 1,1-Dichloroethene | 6.35 | Peak assignment corrected | D7UM | 09/08/25 14:48 |
| 1,1,2-Trichlorotrifluoroethane | 6.37 | Peak assignment corrected | UKEK | 09/11/25 07:56 |
| Acetone | 6.38 | Peak assignment corrected | D7UM | 09/08/25 14:48 |
| Isopropyl alcohol | 6.59 | Split Peak | D7UM | 09/10/25 09:20 |
| Carbon disulfide | 6.76 | Peak assignment corrected | D7UM | 09/08/25 15:00 |
| 3-Chloropropene | 6.97 | Peak assignment corrected | D7UM | 09/08/25 14:49 |
| Methylene Chloride | 7.19 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| tert-Butyl alcohol | 7.29 | Peak assignment corrected | D7UM | 09/08/25 14:49 |
| Methyl tert-butyl ether | 7.63 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| trans-1,2-Dichloroethene | 7.66 | Peak assignment corrected | D7UM | 09/08/25 15:01 |
| n-Hexane | 8.11 | Peak assignment corrected | D7UM | 09/08/25 14:50 |
| 1,1-Dichloroethane | 8.35 | Peak assignment corrected | D7UM | 09/08/25 15:02 |
| Methyl Ethyl Ketone (2-Butanone) | 9.18 | Peak assignment corrected | D7UM | 09/08/25 15:02 |
| cis-1,2-Dichloroethene | 9.24 | Peak assignment corrected | D7UM | 09/08/25 15:03 |
| Tetrahydrofuran | 9.64 | Peak assignment corrected | D7UM | 09/08/25 14:51 |
| Chloroform | 9.75 | Peak assignment corrected | D7UM | 09/08/25 14:52 |
| 1,1,1-Trichloroethane | 10.05 | Peak assignment corrected | D7UM | 09/08/25 15:03 |
| Cyclohexane | 10.19 | Peak assignment corrected | D7UM | 09/08/25 14:52 |

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# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Carbon tetrachloride | 10.30 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| Benzene | 10.59 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| 1,2-Dichloroethane | 10.65 | Peak assignment corrected | D7UM | 09/08/25 14:53 |
| 2,2,4-Trimethylpentane | 10.78 | Peak assignment corrected | D7UM | 09/08/25 14:53 |
| n-Heptane | 11.02 | Peak assignment corrected | D7UM | 09/08/25 14:54 |
| 1,4-Difluorobenzene | 11.21 | Peak assignment corrected | D7UM | 09/08/25 15:04 |
| Trichloroethene | 11.59 | Peak assignment corrected | D7UM | 09/08/25 15:05 |
| 1,2-Dichloropropane | 11.93 | Peak assignment corrected | D7UM | 09/08/25 14:55 |
| Methyl methacrylate | 11.94 | Peak assignment corrected | D7UM | 09/08/25 15:05 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:03 |
| Bromodichloromethane | 12.24 | Peak assignment corrected | D7UM | 09/08/25 15:06 |
| cis-1,3-Dichloropropene | 12.75 | Peak assignment corrected | D7UM | 09/08/25 15:07 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| Toluene | 13.13 | Peak assignment corrected | D7UM | 09/08/25 15:07 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:20 |
| 1,1,2-Trichloroethane | 13.55 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Tetrachloroethene | 13.66 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Methyl Butyl Ketone (2-Hexanone) | 13.72 | Peak assignment corrected | D7UM | 09/08/25 14:56 |
| Dibromochloromethane | 13.93 | Peak assignment corrected | D7UM | 09/08/25 14:56 |
| 1,2-Dibromoethane | 14.06 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Chlorobenzene | 14.49 | Peak assignment corrected | D7UM | 09/08/25 15:08 |
| Ethylbenzene | 14.56 | Peak assignment corrected | D7UM | 09/08/25 15:09 |
| m,p-Xylene | 14.67 | Peak assignment corrected | D7UM | 09/08/25 15:09 |
| o-Xylene | 14.99 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Styrene | 15.00 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Bromoform | 15.17 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| Cumene | 15.27 | Peak assignment corrected | D7UM | 09/08/25 15:10 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | D7UM | 09/10/25 09:20 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8  Client Sample ID:

Date Analyzed: 09/08/25 01:12  Lab File ID: 7S07X08.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| N-Propylbenzene | 15.58 | Peak assignment corrected | D7UM | 09/08/25 14:58 |
| 4-Ethyltoluene | 15.66 | Split Peak | D7UM | 09/08/25 15:12 |
| 2-Chlorotoluene | 15.67 | Peak assignment corrected | D7UM | 09/08/25 15:12 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | D7UM | 09/08/25 15:13 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:21 |
| 1,2,4-Trimethylbenzene | 15.98 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| sec-Butylbenzene | 16.11 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| 4-Isopropyltoluene | 16.21 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,3-Dichlorobenzene | 16.23 | Peak assignment corrected | D7UM | 09/08/25 15:13 |
| 1,4-Dichlorobenzene | 16.30 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| Benzyl chloride | 16.37 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| n-Butylbenzene | 16.51 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,2-Dichlorobenzene | 16.58 | Peak assignment corrected | D7UM | 09/08/25 15:14 |
| 1,2,4-Trichlorobenzene | 17.88 | Peak assignment corrected | D7UM | 09/08/25 15:15 |
| Hexachlorobutadiene | 17.97 | Peak assignment corrected | D7UM | 09/08/25 15:15 |
| Naphthalene | 18.15 | Peak assignment corrected | D7UM | 09/08/25 14:59 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/9  Client Sample ID:

Date Analyzed: 09/08/25 01:42  Lab File ID: 7S07X09.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | D7UM | 09/10/25 11:09 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| trans-1,3-Dichloropropene | 13.34 | Split Peak | D7UM | 09/10/25 09:19 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:35 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:35 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:35 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:18 |

Lab Sample ID: IC 410-695447/10  Client Sample ID:

Date Analyzed: 09/08/25 02:10  Lab File ID: 7S07X10.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Peak assignment corrected | D7UM | 09/10/25 11:09 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:04 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:04 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:39 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:40 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:40 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 09:17 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/11  Client Sample ID:

Date Analyzed: 09/08/25 02:41  Lab File ID: 7S07X11.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Peak assignment corrected | D7UM | 09/10/25 11:09 |
| 1,4-Dioxane | 11.99 | Split Peak | D7UM | 09/10/25 10:05 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 12.87 | Split Peak | D7UM | 09/10/25 10:05 |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/09/25 19:41 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:41 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:41 |
| tert-Butylbenzene | 15.95 | Split Peak | D7UM | 09/10/25 09:16 |

Lab Sample ID: ICV 410-695447/17  Client Sample ID:

Date Analyzed: 09/08/25 05:37  Lab File ID: 7S07X17.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | D7UM | 09/10/25 11:15 |
| 4-Ethyltoluene | 15.66 | Split Peak | JXC9 | 09/09/25 19:45 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/09/25 19:46 |
| tert-Butylbenzene | 15.94 | Split Peak | D7UM | 09/10/25 11:15 |

Lab Sample ID: ICV 410-695447/18  Client Sample ID:

Date Analyzed: 09/08/25 06:05  Lab File ID: 7S07X18.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.02 | Baseline | D7UM | 09/10/25 11:10 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 704888

Lab Sample ID: CCVIS 410-704888/3  Client Sample ID:

Date Analyzed: 09/26/25 08:28  Lab File ID: 7S26X02.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/28/25 13:45 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/28/25 13:45 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/28/25 13:46 |

Lab Sample ID: LCS 410-704888/4  Client Sample ID:

Date Analyzed: 09/26/25 08:56  Lab File ID: 7S26X03.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2,2-Tetrachloroethane | 15.48 | Split Peak | JXC9 | 09/28/25 13:48 |
| 4-Ethyltoluene | 15.67 | Split Peak | JXC9 | 09/28/25 13:48 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/28/25 13:48 |

Lab Sample ID: 460-335451-1  Client Sample ID: C241174_RR-IA02_MW16D19D_092025

Date Analyzed: 09/26/25 17:57  Lab File ID: 7S26X18.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.02 | Baseline | JXC9 | 09/28/25 14:10 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:10 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | | Invalid Compound ID | JXC9 | 09/28/25 14:12 |
| Chlorodifluoromethane | | Invalid Compound ID | JXC9 | 09/28/25 14:10 |

Lab Sample ID: 460-335451-2  Client Sample ID: C241174_RR-AA02_MW16D19D_092025

Date Analyzed: 09/26/25 18:32  Lab File ID: 7S26X19.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.02 | Baseline | JXC9 | 09/28/25 14:13 |

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# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 704888

Lab Sample ID: 460-335451-3  Client Sample ID: C241174_PLR-IA03_MW30D_092125

Date Analyzed: 09/26/25 19:06  Lab File ID: 7S26X20.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 3-Chloropropene | | Invalid Compound ID | JXC9 | 09/28/25 14:24 |
| Tetrahydrofuran | | Invalid Compound ID | JXC9 | 09/28/25 14:24 |

Lab Sample ID: 460-335451-4  Client Sample ID: C241174_PLR-AA03_MW30D_092125

Date Analyzed: 09/26/25 19:41  Lab File ID: 7S26X21.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:26 |

Lab Sample ID: 460-335451-5  Client Sample ID: C241174_LR-IA02_MW30D_092025

Date Analyzed: 09/26/25 20:15  Lab File ID: 7S26X22.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:30 |
| Chloroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:30 |
| Methyl methacrylate | | Invalid Compound ID | JXC9 | 09/28/25 14:31 |

Lab Sample ID: 460-335451-6  Client Sample ID: C241174_LR-AA02_MW30D_092025

Date Analyzed: 09/26/25 20:50  Lab File ID: 7S26X23.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:32 |
| Chloroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:32 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Analysis Batch Number: 704888

Lab Sample ID: 460-335451-7  Client Sample ID: C241174_PLR-IA03_MW16D19D_092125

Date Analyzed: 09/26/25 21:25  Lab File ID: 7S26X24.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.01 | Baseline | JXC9 | 09/28/25 14:33 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:33 |
| Chloroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:33 |
| 4-Ethyltoluene | 15.63 | Split Peak | JXC9 | 09/28/25 14:34 |
| 1,3,5-Trimethylbenzene | 15.70 | Split Peak | JXC9 | 09/28/25 14:35 |

Lab Sample ID: 460-335451-8  Client Sample ID: C241174_PLR-AA03_MW16D19D_092125

Date Analyzed: 09/26/25 21:59  Lab File ID: 7S26X25.D  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Butane | 4.02 | Baseline | JXC9 | 09/28/25 14:35 |
| 1,1,2-Trichlorotrifluoroethane | | Invalid Compound ID | JXC9 | 09/28/25 14:36 |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **AIRBFB100ppb_00096** | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Xylene (total) | |
| | | | | | AirIS478949_00001 | 0.3 L | 1,4-Difluorobenzene | 0.1 ppm v/v |
| | | | | | | | BFB | 0.1 ppm v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 0.1 ppm v/v |
| | | | | | | | Chlorobromomethane (IS) | 0.1 ppm v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | BFB | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRBFB100ppb_00097** | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Xylene (total) | |
| | | | | | AirIS478949_00002 | 0.3 L | 1,4-Difluorobenzene | 0.1 ppm v/v |
| | | | | | | | BFB | 0.1 ppm v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 0.1 ppm v/v |
| | | | | | | | Chlorobromomethane (IS) | 0.1 ppm v/v |
| .AirIS478949_00002 | 09/03/26 | | Linde, Lot 1634708 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | BFB | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRBFB100ppb_00098** | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Xylene (total) | |
| | | | | | AirIS478949_00002 | 0.3 L | 1,4-Difluorobenzene | 0.1 ppm v/v |
| | | | | | | | BFB | 0.1 ppm v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 0.1 ppm v/v |
| | | | | | | | Chlorobromomethane (IS) | 0.1 ppm v/v |
| .AirIS478949_00002 | 09/03/26 | | Linde, Lot 1634708 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | BFB | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRCAL0.5_00150** | 09/27/25 | 08/28/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 10 mL | 1,1,1-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 0.5 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,3-Butadiene | 0.5 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dioxane | 0.5 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 0.5 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 0.5 ppb v/v |
| | | | | | | | 3-Chloropropene | 0.5 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 0.5 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 0.5 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.5 ppb v/v |
| | | | | | | | Acetone | 0.5 ppb v/v |
| | | | | | | | Benzene | 0.5 ppb v/v |
| | | | | | | | Benzyl chloride | 0.5 ppb v/v |
| | | | | | | | Bromodichloromethane | 0.5 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 0.5 ppb v/v |
| | | | | | | | Bromoform | 0.5 ppb v/v |
| | | | | | | | Bromomethane | 0.5 ppb v/v |
| | | | | | | | Carbon disulfide | 0.5 ppb v/v |
| | | | | | | | Carbon tetrachloride | 0.5 ppb v/v |
| | | | | | | | Chlorobenzene | 0.5 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Chloroethane | 0.5 ppb v/v |
| | | | | | | | Chloroform | 0.5 ppb v/v |
| | | | | | | | Chloromethane | 0.5 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Cumene | 0.5 ppb v/v |
| | | | | | | | Cyclohexane | 0.5 ppb v/v |
| | | | | | | | Dibromochloromethane | 0.5 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Ethylbenzene | 0.5 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 0.5 ppb v/v |
| | | | | | | | Isopropyl alcohol | 0.5 ppb v/v |
| | | | | | | | m,p-Xylene | 1 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 0.5 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 0.5 ppb v/v |
| | | | | | | | Methyl methacrylate | 0.5 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 0.5 ppb v/v |
| | | | | | | | Methylene Chloride | 0.5 ppb v/v |
| | | | | | | | n-Butane | 0.5 ppb v/v |
| | | | | | | | n-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | n-Heptane | 0.5 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Hexane | 0.5 ppb v/v |
| | | | | | | | n-Propylbenzene | 0.5 ppb v/v |
| | | | | | | | Naphthalene | 0.5 ppb v/v |
| | | | | | | | o-Xylene | 0.5 ppb v/v |
| | | | | | | | sec-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Styrene | 0.5 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 0.57 ppb v/v |
| | | | | | | | tert-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Tetrachloroethene | 0.5 ppb v/v |
| | | | | | | | Tetrahydrofuran | 0.5 ppb v/v |
| | | | | | | | Toluene | 0.5 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Trichloroethene | 0.5 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 0.5 ppb v/v |
| | | | | | | | Vinyl chloride | 0.5 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL0.5_00151** | 10/04/25 | 09/04/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 10 mL | 1,1,1-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 0.5 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 0.5 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 0.5 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 0.5 ppb v/v |
| | | | | | | | 1,3-Butadiene | 0.5 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 0.5 ppb v/v |
| | | | | | | | 1,4-Dioxane | 0.5 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 0.5 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 0.5 ppb v/v |
| | | | | | | | 3-Chloropropene | 0.5 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 0.5 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 0.5 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.5 ppb v/v |
| | | | | | | | Acetone | 0.5 ppb v/v |
| | | | | | | | Benzene | 0.5 ppb v/v |
| | | | | | | | Benzyl chloride | 0.5 ppb v/v |
| | | | | | | | Bromodichloromethane | 0.5 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 0.5 ppb v/v |
| | | | | | | | Bromoform | 0.5 ppb v/v |
| | | | | | | | Bromomethane | 0.5 ppb v/v |
| | | | | | | | Carbon disulfide | 0.5 ppb v/v |
| | | | | | | | Carbon tetrachloride | 0.5 ppb v/v |
| | | | | | | | Chlorobenzene | 0.5 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Chloroethane | 0.5 ppb v/v |
| | | | | | | | Chloroform | 0.5 ppb v/v |
| | | | | | | | Chloromethane | 0.5 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Cumene | 0.5 ppb v/v |
| | | | | | | | Cyclohexane | 0.5 ppb v/v |
| | | | | | | | Dibromochloromethane | 0.5 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 0.5 ppb v/v |
| | | | | | | | Ethylbenzene | 0.5 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 0.5 ppb v/v |
| | | | | | | | Isopropyl alcohol | 0.5 ppb v/v |
| | | | | | | | m,p-Xylene | 1 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 0.5 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 0.5 ppb v/v |
| | | | | | | | Methyl methacrylate | 0.5 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 0.5 ppb v/v |
| | | | | | | | Methylene Chloride | 0.5 ppb v/v |
| | | | | | | | n-Butane | 0.5 ppb v/v |
| | | | | | | | n-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | n-Heptane | 0.5 ppb v/v |
| | | | | | | | n-Hexane | 0.5 ppb v/v |
| | | | | | | | n-Propylbenzene | 0.5 ppb v/v |
| | | | | | | | Naphthalene | 0.5 ppb v/v |
| | | | | | | | o-Xylene | 0.5 ppb v/v |
| | | | | | | | sec-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Styrene | 0.5 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 0.57 ppb v/v |
| | | | | | | | tert-Butylbenzene | 0.5 ppb v/v |
| | | | | | | | Tetrachloroethene | 0.5 ppb v/v |
| | | | | | | | Tetrahydrofuran | 0.5 ppb v/v |
| | | | | | | | Toluene | 0.5 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 0.5 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 0.5 ppb v/v |
| | | | | | | | Trichloroethene | 0.5 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 0.5 ppb v/v |
| | | | | | | | Vinyl chloride | 0.5 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL10.0_00617** | 09/26/25 | 08/27/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 20 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL10.0_00617** | 09/26/25 | 08/27/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | Xylene (total) | 3 ppm v/v |
| **AIRCAL10.0_00619** | 10/03/25 | 09/03/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 20 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRCAL10.0_00619** | 10/03/25 | 09/03/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | Linde, Lot 1627538 | | | (Purchased Reagent) | | Xylene (total) | 3 ppm v/v |
| **AIRCAL10.0_00621** | 10/15/25 | 09/15/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 20 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 3 ppm v/v |
| **AIRCAL10.0_00625** | 10/18/25 | 09/18/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 20 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butane | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 10 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.4 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 30 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 3 ppm v/v |
| **AIRCAL50.0_00191** | 10/04/25 | 09/04/25 | DI Water, Lot N/A | 20 L | AirCAL755853_00001 | 1000 mL | 1,1,1-Trichloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 50 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 50 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 50 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 50 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 50 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 50 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 50 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 50 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ppb v/v |
| | | | | | | | 1,3-Butadiene | 50 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 50 ppb v/v |
| | | | | | | | 1,4-Dioxane | 50 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 50 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 50 ppb v/v |
| | | | | | | | 3-Chloropropene | 50 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 50 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 50 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 50 ppb v/v |
| | | | | | | | Acetone | 50 ppb v/v |
| | | | | | | | Benzene | 50 ppb v/v |
| | | | | | | | Benzyl chloride | 50 ppb v/v |
| | | | | | | | Bromodichloromethane | 50 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 50 ppb v/v |
| | | | | | | | Bromoform | 50 ppb v/v |
| | | | | | | | Bromomethane | 50 ppb v/v |
| | | | | | | | Carbon disulfide | 50 ppb v/v |
| | | | | | | | Carbon tetrachloride | 50 ppb v/v |
| | | | | | | | Chlorobenzene | 50 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 50 ppb v/v |
| | | | | | | | Chloroethane | 50 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chloroform | 50 ppb v/v |
| | | | | | | | Chloromethane | 50 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 50 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 50 ppb v/v |
| | | | | | | | Cumene | 50 ppb v/v |
| | | | | | | | Cyclohexane | 50 ppb v/v |
| | | | | | | | Dibromochloromethane | 50 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 50 ppb v/v |
| | | | | | | | Ethylbenzene | 50 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 50 ppb v/v |
| | | | | | | | Isopropyl alcohol | 50 ppb v/v |
| | | | | | | | m,p-Xylene | 100 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 50 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 50 ppb v/v |
| | | | | | | | Methyl methacrylate | 50 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 50 ppb v/v |
| | | | | | | | Methylene Chloride | 50 ppb v/v |
| | | | | | | | n-Butane | 50 ppb v/v |
| | | | | | | | n-Butylbenzene | 50 ppb v/v |
| | | | | | | | n-Heptane | 50 ppb v/v |
| | | | | | | | n-Hexane | 50 ppb v/v |
| | | | | | | | n-Propylbenzene | 50 ppb v/v |
| | | | | | | | Naphthalene | 50 ppb v/v |
| | | | | | | | o-Xylene | 50 ppb v/v |
| | | | | | | | sec-Butylbenzene | 50 ppb v/v |
| | | | | | | | Styrene | 50 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 57 ppb v/v |
| | | | | | | | tert-Butylbenzene | 50 ppb v/v |
| | | | | | | | Tetrachloroethene | 50 ppb v/v |
| | | | | | | | Tetrahydrofuran | 50 ppb v/v |
| | | | | | | | Toluene | 50 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 50 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 50 ppb v/v |
| | | | | | | | Trichloroethene | 50 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 50 ppb v/v |
| | | | | | | | Vinyl chloride | 50 ppb v/v |
| .AirCAL755853_00001 | 04/16/26 | | Linde, Lot 1627538 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.14 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **AIRIS200 ppb_00519** | 09/18/25 | 08/19/25 | DI Water, Lot N/A | 6 L | AirIS478949_00001 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRIS200 ppb_00521** | 09/19/25 | 08/20/25 | DI Water, Lot N/A | 6 L | AirIS478949_00001 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00001 | 10/07/25 | | Linde, Lot 1617040 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRIS200 ppb_00531** | 10/19/25 | 09/23/25 | DI Water, Lot N/A | 6 L | AirIS478949_00002 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00002 | 09/03/26 | | Linde, Lot 1634708 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRIS200 ppb_00532** | 10/19/25 | 09/23/25 | DI Water, Lot N/A | 6 L | AirIS478949_00002 | 0.6 L | 1,4-Difluorobenzene | 200 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 200 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 200 ppb v/v |
| .AirIS478949_00002 | 09/03/26 | | Linde, Lot 1634708 | | (Purchased Reagent) | | 1,4-Difluorobenzene | 2000 ppb v/v |
| | | | | | | | Chlorobenzene-d5 (IS) | 2000 ppb v/v |
| | | | | | | | Chlorobromomethane (IS) | 2000 ppb v/v |
| **AIRLCS10.0_00564** | 09/24/25 | 08/25/25 | DI Water, Lot N/A | 20 L | Airlcs346231_00008 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 11.6 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.1 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 20 ppb v/v |
| .Airlcs346231_00008 | 04/03/26 | | Linde, Lot 1626894 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 1 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.16 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.11 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 2 ppm v/v |
| **AIRLCS10.0_00565** | 09/26/25 | 08/27/25 | DI Water, Lot N/A | 20 L | Airlcsbutane_00001 | 200 mL | n-Butane | 10 ppb v/v |
| .Airlcsbutane_00001 | 05/20/30 | | Linde, Lot 3043461405952 | | (Purchased Reagent) | | n-Butane | 1 ppm v/v |
| **AIRLCS10.0_00566** | 09/30/25 | 08/31/25 | DI Water, Lot N/A | 20 L | Airlcs346231_00008 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 10 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 11.6 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.1 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |
| | | | | | | | Xylene (total) | 20 ppb v/v |
| .Airlcs346231_00008 | 04/03/26 | | Linde, Lot 1626894 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 1 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.16 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.11 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 2 ppm v/v |
| **AIRLCS10.0_00567** | 10/01/25 | 09/02/25 | DI Water, Lot N/A | 20 L | Airlcs346231_00008 | 200 mL | 1,1,1-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 10 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 10 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 10 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 10 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 10 ppb v/v |
| | | | | | | | 1,3-Butadiene | 10 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 10 ppb v/v |
| | | | | | | | 1,4-Dioxane | 10 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 10 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 10 ppb v/v |
| | | | | | | | 3-Chloropropene | 10 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 10 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 10 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 ppb v/v |
| | | | | | | | Acetone | 10 ppb v/v |
| | | | | | | | Benzene | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl chloride | 10 ppb v/v |
| | | | | | | | Bromodichloromethane | 10 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 10 ppb v/v |
| | | | | | | | Bromoform | 10 ppb v/v |
| | | | | | | | Bromomethane | 10 ppb v/v |
| | | | | | | | Carbon disulfide | 10 ppb v/v |
| | | | | | | | Carbon tetrachloride | 10 ppb v/v |
| | | | | | | | Chlorobenzene | 10 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Chloroethane | 10 ppb v/v |
| | | | | | | | Chloroform | 10 ppb v/v |
| | | | | | | | Chloromethane | 10 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Cumene | 10 ppb v/v |
| | | | | | | | Cyclohexane | 10 ppb v/v |
| | | | | | | | Dibromochloromethane | 10 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 10 ppb v/v |
| | | | | | | | Ethylbenzene | 10 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 10 ppb v/v |
| | | | | | | | Isopropyl alcohol | 10 ppb v/v |
| | | | | | | | m,p-Xylene | 10 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 10 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 10 ppb v/v |
| | | | | | | | Methyl methacrylate | 10 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 10 ppb v/v |
| | | | | | | | Methylene Chloride | 10 ppb v/v |
| | | | | | | | n-Butylbenzene | 10 ppb v/v |
| | | | | | | | n-Heptane | 10 ppb v/v |
| | | | | | | | n-Hexane | 10 ppb v/v |
| | | | | | | | n-Propylbenzene | 10 ppb v/v |
| | | | | | | | Naphthalene | 11.6 ppb v/v |
| | | | | | | | o-Xylene | 10 ppb v/v |
| | | | | | | | sec-Butylbenzene | 10 ppb v/v |
| | | | | | | | Styrene | 10 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 11.1 ppb v/v |
| | | | | | | | tert-Butylbenzene | 10 ppb v/v |
| | | | | | | | Tetrachloroethene | 10 ppb v/v |
| | | | | | | | Tetrahydrofuran | 10 ppb v/v |
| | | | | | | | Toluene | 10 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 10 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 10 ppb v/v |
| | | | | | | | Trichloroethene | 10 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 10 ppb v/v |
| | | | | | | | Vinyl chloride | 10 ppb v/v |

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Xylene (total) | 20 ppb v/v |
| .Airlcs346231_00008 | 04/03/26 | | Linde, Lot 1626894 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

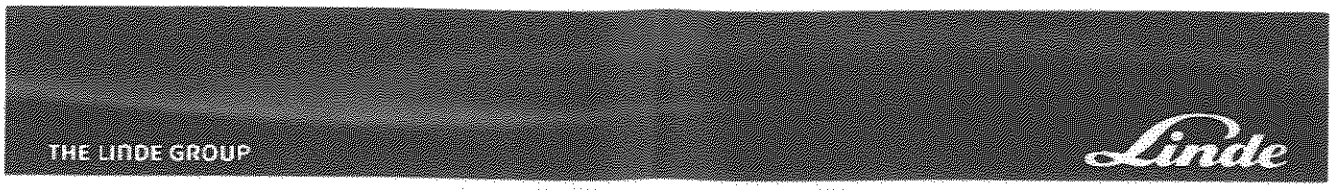
Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 1 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.16 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1.11 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| | | | | | | | Xylene (total) | 2 ppm v/v |

# Reagent

# AirCAL755853_00001



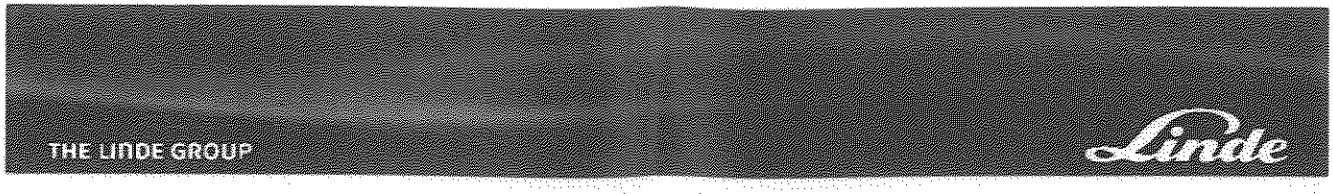

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Propylene | 115-07-1 | 1.00 ppm | 1.10 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.00 ppm | 1.07 ppm |
| Freon-12 | 75-71-8 | 1.00 ppm | 1.04 ppm |
| Chloromethane | 74-87-3 | 1.00 ppm | 1.05 ppm |
| Freon-114 | 76-14-2 | 1.00 ppm | 1.02 ppm |
| Vinyl Chloride | 75-01-4 | 1.00 ppm | 1.05 ppm |
| 1,3-Butadiene | 106-99-0 | 1.00 ppm | 1.07 ppm |
| n-Butane | 106-97-8 | 1.00 ppm | 1.03 ppm |
| Bromomethane | 74-83-9 | 1.00 ppm | 1.03 ppm |
| Chloroethane | 75-00-3 | 1.00 ppm | 1.03 ppm |
| Dichlorofluoromethane | 75-43-4 | 1.00 ppm | 1.05 ppm |
| Vinyl Bromide | 593-60-2 | 1.00 ppm | 1.10 ppm |
| Ethanol (Analytical Accuracy ± 10%) | 64-17-5 | 1.00 ppm | 1.16 ppm |
| Acetonitrile (Analytical Accuracy ± 10%) | 75-05-8 | 1.00 ppm | 1.16 ppm |
| Acrolein (Analytical Accuracy ± 10%) | 107-02-8 | 1.00 ppm | 1.16 ppm |
| Acetone (Analytical Accuracy ± 10%) | 67-64-1 | 1.00 ppm | 1.04 ppm |
| Freon-11 | 75-69-4 | 1.00 ppm | 1.05 ppm |
| Freon-123A | 354-23-4 | 1.00 ppm | 1.05 ppm |
| Isopropyl Alcohol (Analytical Accuracy ± 10%) | 67-63-0 | 1.00 ppm | 1.09 ppm |
| n-Pentane | 109-66-0 | 1.00 ppm | 1.02 ppm |
| Acrylonitrile (Analytical Accuracy ± 10%) | 107-13-1 | 1.00 ppm | 1.10 ppm |
| Iodomethane | 74-88-4 | 1.00 ppm | 1.05 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.00 ppm | 0.96 ppm |
| Carbon Disulfide (Analytical Accuracy ± 10%) | 75-15-0 | 1.00 ppm | 1.05 ppm |
| Methylene Chloride | 75-09-2 | 1.00 ppm | 1.05 ppm |
| Tert-Butanol (Analytical Accuracy ± 10%) | 75-65-0 | 1.00 ppm | 1.14 ppm |
| Allyl Chloride | 107-05-1 | 1.00 ppm | 1.05 ppm |
| Freon-113 | 76-13-1 | 1.00 ppm | 1.03 ppm |
| Trans-1,2-Dichloroethene | 156-60-5 | 1.00 ppm | 1.04 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.00 ppm | 1.01 ppm |



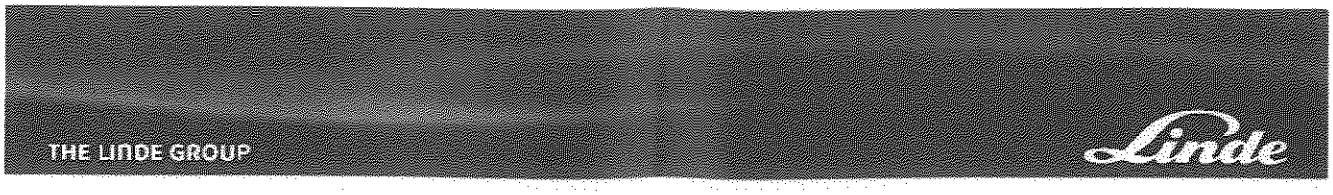

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Methyl Tert Butyl Ether | 1634-04-4 | 1.00 ppm | 1.06 ppm |
| Vinyl Acetate | 108-05-4 | 1.00 ppm | 1.13 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.00 ppm | 1.07 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.00 ppm | 1.00 ppm |
| Hexane | 110-54-3 | 1.00 ppm | 1.05 ppm |
| Methyl Acrylate | 96-33-3 | 1.00 ppm | 1.05 ppm |
| Di-isopropyl Ether | 108-20-3 | 1.00 ppm | 1.05 ppm |
| Chloroform | 67-66-3 | 1.00 ppm | 1.05 ppm |
| Ethyl Acetate | 141-78-6 | 1.00 ppm | 1.05 ppm |
| Tetrahydrofuran | 109-99-9 | 1.00 ppm | 1.06 ppm |
| Ethyl Tert-Butyl Ether | 637-92-3 | 1.00 ppm | 1.06 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.00 ppm | 1.02 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.00 ppm | 1.03 ppm |
| Benzene | 71-43-2 | 1.00 ppm | 1.04 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.00 ppm | 0.98 ppm |
| Cyclohexane | 110-82-7 | 1.00 ppm | 1.05 ppm |
| Tert Amyl Methyl Ether | 994-05-8 | 1.00 ppm | 1.06 ppm |
| Dibromomethane | 74-95-3 | 1.00 ppm | 1.05 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.00 ppm | 1.05 ppm |
| Ethyl Acrylate | 140-88-5 | 1.00 ppm | 1.04 ppm |
| Trichloroethylene | 79-01-6 | 1.00 ppm | 1.04 ppm |
| Bromodichloromethane | 75-27-4 | 1.00 ppm | 1.04 ppm |
| 1,4-Dioxane | 123-91-1 | 1.00 ppm | 1.04 ppm |
| Isooctane | 540-84-1 | 1.00 ppm | 1.05 ppm |
| Methyl Methacrylate | 80-62-6 | 1.00 ppm | 1.03 ppm |
| Heptane | 142-82-5 | 1.00 ppm | 1.04 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.00 ppm | 1.06 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.00 ppm | 1.05 ppm |
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.00 ppm | 0.95 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.00 ppm | 1.04 ppm |




**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Toluene | 108-88-3 | 1.00 ppm | 1.05 ppm |
| Methyl Butyl Ketone | 591-78-6 | 1.00 ppm | 1.03 ppm |
| Ethyl Methacrylate | 97-63-2 | 1.00 ppm | 1.04 ppm |
| Dibromochloromethane | 124-48-1 | 1.00 ppm | 1.04 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.00 ppm | 1.03 ppm |
| n-Octane | 111-65-9 | 1.00 ppm | 1.04 ppm |
| Tetrachloroethylene | 127-18-4 | 1.00 ppm | 1.05 ppm |
| Chlorobenzene | 108-90-7 | 1.00 ppm | 1.06 ppm |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1.00 ppm | 1.06 ppm |
| Ethylbenzene | 100-41-4 | 1.00 ppm | 1.06 ppm |
| p-xylene | 106-42-3 | 1.00 ppm | 1.05 ppm |
| m-xylene | 108-38-3 | 1.00 ppm | 1.05 ppm |
| Bromoform | 75-25-2 | 1.00 ppm | 1.05 ppm |
| Styrene | 100-42-5 | 1.00 ppm | 1.06 ppm |
| o-xylene | 95-47-6 | 1.00 ppm | 1.06 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.00 ppm | 1.06 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.00 ppm | 1.04 ppm |
| Cumene | 98-82-8 | 1.00 ppm | 1.05 ppm |
| Bromobenzene | 108-86-1 | 1.00 ppm | 1.09 ppm |
| o-Chlorotoluene | 95-49-8 | 1.00 ppm | 1.04 ppm |
| n-Propylbenzene | 103-65-1 | 1.00 ppm | 1.04 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.00 ppm | 1.02 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.00 ppm | 1.05 ppm |
| alpha-Methyl Styrene (Analytical Accuracy ± 10%) | 98-83-9 | 1.00 ppm | 1.16 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.00 ppm | 1.05 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.00 ppm | 1.05 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.00 ppm | 1.06 ppm |
| Benzyl Chloride (Analytical Accuracy ± 10%) | 100-44-7 | 1.00 ppm | 1.06 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526849 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1627538 | **Cylinder # :** | CC-755853 |
| **Report Date:** | Apr-16-2025 | **Cylinder Pressure:** | 2000 psig |
| **P.O.# :** | 76102389 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24086943 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Apr-16-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| 1,4-Dichlorobenzene | 106-46-7 | 1.00 ppm | 1.08 ppm |
| Sec-Butyl Benzene | 135-98-8 | 1.00 ppm | 1.08 ppm |
| p-Cymene | 99-87-6 | 1.00 ppm | 1.06 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.00 ppm | 1.08 ppm |
| n-Butyl Benzene | 104-51-8 | 1.00 ppm | 1.08 ppm |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 1.00 ppm | 1.05 ppm |
| Hexachloroethane | 67-72-1 | 1.00 ppm | 1.10 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.00 ppm | 1.09 ppm |
| Naphthalene (Analytical Accuracy ± 10%) | 91-20-3 | 1.00 ppm | 1.08 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.00 ppm | 1.10 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Lou Lorenzetti

Lou Lorenzetti

**DATE:** Apr-16-2025

# Reagent

# AirIS478949_00001

Linde **SPECTRA** Environmental Gases, 80 Industrial Drive, Alpha, NJ 08865

THE LINDE GROUP

Linde

**SHIPPED TO:** Eurofins Env. Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601-5946



## ANALYSIS REPORT

| | |
|---|---|
| **Sales#:** | 117515099 |
| **Production#:** | 1617040 |
| **Report Date:** | Oct-07-2024 |
| **P.O.# :** | 75955060 |
| **Blend Type:** | QUALIFIED |
| **Material#:** | 24086387 |
| **Traceability:** | NIST by weight |
| **Expiration Date:** | Oct-07-2025 |
| **Do NOT use under:** | 150 psig |

| | |
|---|---|
| **Cylinder Size:** | 152 (8" X 47.5") |
| **Cylinder # :** | CC-478949 |
| **Cylinder Pressure:** | 2000 psig |
| **Cylinder Valve:** | CGA 350 / Steel |
| **Cylinder Volume:** | 29.5 Liter |
| **Cylinder Material:** | Aluminum |
| **Gas Volume:** | 4000 Liters |
| **Blend Tolerance:** | 10% Relative |
| **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Bromochloromethane | 74-97-5 | 2.00 ppm | 2.11 ppm |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 2.00 ppm | 2.08 ppm |
| 1,4-Difluorobenzene | 540-36-3 | 2.00 ppm | 2.10 ppm |
| Toluene-d8 | 2037-26-5 | 2.00 ppm | 2.08 ppm |
| Chlorobenzene-d5 | 3114-55-4 | 2.00 ppm | 2.07 ppm |
| 4-Bromofluorobenzene | 460-00-4 | 2.00 ppm | 2.07 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** _____
Brian Bramkamp

**DATE:** Oct-07-2024

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

# Reagent

# AirIS478949_00002

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env. Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601-5946

**PAGE:** 1 of 1

## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117538362 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1634708 | **Cylinder # :** | CC-478949 |
| **Report Date:** | Sep-03-2025 | **Cylinder Pressure:** | 900 psig |
| **P.O.# :** | 76247598 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 1800 Liters |
| **Expiration Date:** | Sep-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Bromochloromethane | 74-97-5 | 2.00 ppm | 2.15 ppm |
| 1,2-Dichloroethane-d4 | 17060-07-0 | 2.00 ppm | 2.11 ppm |
| 1,4-Difluorobenzene | 540-36-3 | 2.00 ppm | 2.13 ppm |
| Toluene-d8 | 2037-26-5 | 2.00 ppm | 2.11 ppm |
| Chlorobenzene-d5 | 3114-55-4 | 2.00 ppm | 2.10 ppm |
| 4-Bromofluorobenzene | 460-00-4 | 2.00 ppm | 2.09 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Brian Bramkamp

**DATE:** Sep-03-2025

# Reagent

# **Airlcs346231_00008**

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

**PAGE:** 1 of 4

# ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Propylene | 115-07-1 | 1.00 ppm | 1.07 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.00 ppm | 1.01 ppm |
| Freon-12 | 75-71-8 | 1.00 ppm | 1.02 ppm |
| Chloromethane | 74-87-3 | 1.00 ppm | 1.01 ppm |
| Freon-114 | 76-14-2 | 1.00 ppm | 0.96 ppm |
| Vinyl Chloride | 75-01-4 | 1.00 ppm | 1.03 ppm |
| 1,3-Butadiene | 106-99-0 | 1.00 ppm | 1.03 ppm |
| Bromomethane | 74-83-9 | 1.00 ppm | 1.01 ppm |
| Chloroethane | 75-00-3 | 1.00 ppm | 0.99 ppm |
| Dichlorofluoromethane | 75-43-4 | 1.00 ppm | 1.07 ppm |
| Vinyl Bromide | 593-60-2 | 1.00 ppm | 1.06 ppm |
| Ethanol (Analytical Accuracy ± 10%) | 64-17-5 | 1.00 ppm | 1.08 ppm |
| Acetonitrile (Analytical Accuracy ± 10%) | 75-05-8 | 1.00 ppm | 1.07 ppm |
| Acrolein (Analytical Accuracy ± 10%) | 107-02-8 | 1.00 ppm | 1.13 ppm |
| Acetone (Analytical Accuracy ± 10%) | 67-64-1 | 1.00 ppm | 1.04 ppm |
| Freon-11 | 75-69-4 | 1.00 ppm | 1.05 ppm |
| Freon-123A | 354-23-4 | 1.00 ppm | 1.09 ppm |
| Isopropyl Alcohol (Analytical Accuracy ± 10%) | 67-63-0 | 1.00 ppm | 1.05 ppm |
| n-Pentane | 109-66-0 | 1.00 ppm | 1.05 ppm |
| Acrylonitrile (Analytical Accuracy ± 10%) | 107-13-1 | 1.00 ppm | 1.05 ppm |
| Iodomethane | 74-88-4 | 1.00 ppm | 1.05 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.00 ppm | 1.05 ppm |
| Carbon Disulfide (Analytical Accuracy ± 10%) | 75-15-0 | 1.00 ppm | 1.00 ppm |
| Methylene Chloride | 75-09-2 | 1.00 ppm | 1.06 ppm |
| Tert-Butanol (Analytical Accuracy ± 10%) | 75-65-0 | 1.00 ppm | 1.11 ppm |
| Allyl Chloride | 107-05-1 | 1.00 ppm | 1.06 ppm |
| Freon-113 | 76-13-1 | 1.00 ppm | 1.02 ppm |
| Trans-1,2-Dichloroethene | 156-60-5 | 1.00 ppm | 0.97 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.00 ppm | 1.02 ppm |
| Methyl Tert Butyl Ether | 1634-04-4 | 1.00 ppm | 1.02 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Vinyl Acetate | 108-05-4 | 1.00 ppm | 1.09 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.00 ppm | 1.03 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.00 ppm | 1.03 ppm |
| Hexane | 110-54-3 | 1.00 ppm | 1.03 ppm |
| Methyl Acrylate | 96-33-3 | 1.00 ppm | 1.04 ppm |
| Di-isopropyl Ether | 108-20-3 | 1.00 ppm | 1.04 ppm |
| Chloroform | 67-66-3 | 1.00 ppm | 1.04 ppm |
| Ethyl Acetate | 141-78-6 | 1.00 ppm | 1.04 ppm |
| Tetrahydrofuran | 109-99-9 | 1.00 ppm | 1.04 ppm |
| Ethyl Tert-Butyl Ether | 637-92-3 | 1.00 ppm | 1.01 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.00 ppm | 1.02 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.00 ppm | 1.04 ppm |
| Benzene | 71-43-2 | 1.00 ppm | 1.05 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.00 ppm | 1.05 ppm |
| Cyclohexane | 110-82-7 | 1.00 ppm | 1.04 ppm |
| Tert Amyl Methyl Ether | 994-05-8 | 1.00 ppm | 0.99 ppm |
| Dibromomethane | 74-95-3 | 1.00 ppm | 1.02 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.00 ppm | 1.02 ppm |
| Ethyl Acrylate | 140-88-5 | 1.00 ppm | 1.04 ppm |
| Trichloroethylene | 79-01-6 | 1.00 ppm | 1.01 ppm |
| Bromodichloromethane | 75-27-4 | 1.00 ppm | 1.01 ppm |
| 1,4-Dioxane | 123-91-1 | 1.00 ppm | 1.01 ppm |
| Isooctane | 540-84-1 | 1.00 ppm | 1.04 ppm |
| Methyl Methacrylate | 80-62-6 | 1.00 ppm | 0.98 ppm |
| Heptane | 142-82-5 | 1.00 ppm | 1.03 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.00 ppm | 1.05 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.00 ppm | 1.04 ppm |
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.00 ppm | 0.98 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.00 ppm | 1.02 ppm |
| Toluene | 108-88-3 | 1.00 ppm | 1.03 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Methyl Butyl Ketone | 591-78-6 | 1.00 ppm | 1.05 ppm |
| Ethyl Methacrylate | 97-63-2 | 1.00 ppm | 1.00 ppm |
| Dibromochloromethane | 124-48-1 | 1.00 ppm | 0.99 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.00 ppm | 1.01 ppm |
| n-Octane | 111-65-9 | 1.00 ppm | 1.01 ppm |
| Tetrachloroethylene | 127-18-4 | 1.00 ppm | 1.04 ppm |
| Chlorobenzene | 108-90-7 | 1.00 ppm | 1.06 ppm |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1.00 ppm | 1.06 ppm |
| Ethylbenzene | 100-41-4 | 1.00 ppm | 1.05 ppm |
| p-xylene | 106-42-3 | 0.50 ppm | 0.50 ppm |
| m-xylene | 108-38-3 | 0.50 ppm | 0.50 ppm |
| Bromoform | 75-25-2 | 1.00 ppm | 1.00 ppm |
| Styrene | 100-42-5 | 1.00 ppm | 1.05 ppm |
| o-xylene | 95-47-6 | 1.00 ppm | 1.05 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.00 ppm | 1.05 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.00 ppm | 1.04 ppm |
| Cumene | 98-82-8 | 1.00 ppm | 1.03 ppm |
| Bromobenzene | 108-86-1 | 1.00 ppm | 1.07 ppm |
| o-Chlorotoluene | 95-49-8 | 1.00 ppm | 1.04 ppm |
| n-Propylbenzene | 103-65-1 | 1.00 ppm | 0.99 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.00 ppm | 0.99 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.00 ppm | 1.03 ppm |
| alpha-Methyl Styrene (Analytical Accuracy ± 10%) | 98-83-9 | 1.00 ppm | 1.02 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.00 ppm | 1.04 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.00 ppm | 1.04 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.00 ppm | 1.06 ppm |
| Benzyl Chloride (Analytical Accuracy ± 10%) | 100-44-7 | 1.00 ppm | 1.03 ppm |
| 1,4-Dichlorobenzene | 106-46-7 | 1.00 ppm | 1.00 ppm |

THE LINDE GROUP

**SHIPPED TO:** Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

**PAGE:** 4 of 4

## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117526851 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1626894 | **Cylinder # :** | CC-346231 |
| **Report Date:** | Apr-03-2025 | **Cylinder Pressure:** | 1100 psig |
| **P.O.# :** | 76102302 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 2200 Liters |
| **Expiration Date:** | Apr-03-2026 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Sec-Butyl Benzene | 135-98-8 | 1.00 ppm | 1.04 ppm |
| p-Cymene | 99-87-6 | 1.00 ppm | 1.04 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.00 ppm | 1.05 ppm |
| n-Butyl Benzene | 104-51-8 | 1.00 ppm | 1.07 ppm |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 1.00 ppm | 1.06 ppm |
| Hexachloroethane | 67-72-1 | 1.00 ppm | 1.07 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.00 ppm | 1.10 ppm |
| Naphthalene (Analytical Accuracy ± 10%) | 91-20-3 | 1.00 ppm | 1.16 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.00 ppm | 1.08 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Lou Lorenzetti
Lou Lorenzetti

**DATE:** Apr-03-2025

# TO15_LL_NY

## Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S26X03.D

Lab ID: LCS 410-704888/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.4 | 99 | 70-131 | |
| Chlorodifluoromethane | 17.7 | 20.2 | 114 | 70-132 | |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 38.1 | 109 | 70-130 | |
| Chloromethane | 10.3 | 11.0 | 107 | 64-138 | |
| Vinyl chloride | 12.8 | 13.9 | 108 | 70-135 | |
| 1,3-Butadiene | 11.1 | 10.6 | 96 | 70-131 | |
| Bromomethane | 19.4 | 19.9 | 103 | 70-140 | |
| Chloroethane | 13.2 | 12.3 | 93 | 70-131 | |
| Bromoethene(Vinyl Bromide) | 21.9 | 19.6 | 89 | 70-130 | |
| Trichlorofluoromethane | 28.1 | 29.1 | 104 | 70-130 | |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 42.2 | 110 | 70-130 | |
| 1,1-Dichloroethene | 19.8 | 21.0 | 106 | 70-131 | |
| Acetone | 11.9 | 11.6 J | 97 | 70-137 | |
| Isopropyl alcohol | 12.3 | 11.8 J | 96 | 62-135 | |
| Carbon disulfide | 15.6 | 13.0 | 84 | 70-130 | |
| 3-Chloropropene | 15.7 | 14.1 | 90 | 70-137 | |
| Methylene Chloride | 17.4 | 17.4 | 100 | 70-130 | |
| tert-Butyl alcohol | 16.8 | 19.6 | 116 | 50-130 | |
| Methyl tert-butyl ether | 18.0 | 17.8 | 99 | 70-130 | |
| trans-1,2-Dichloroethene | 19.8 | 18.0 | 91 | 70-130 | |
| n-Hexane | 17.6 | 16.0 | 91 | 61-130 | |
| 1,1-Dichloroethane | 20.2 | 19.4 | 96 | 70-130 | |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 14.7 | 99 | 70-130 | |
| cis-1,2-Dichloroethene | 19.8 | 18.8 | 95 | 70-130 | |
| Chloroform | 24.4 | 23.2 | 95 | 70-130 | |
| Tetrahydrofuran | 14.7 | 13.5 J | 91 | 54-143 | |
| 1,1,1-Trichloroethane | 27.3 | 27.6 | 101 | 70-130 | |
| Cyclohexane | 17.2 | 16.5 | 96 | 61-130 | |
| Carbon tetrachloride | 31.5 | 32.6 | 104 | 70-130 | |
| 2,2,4-Trimethylpentane | 23.4 | 22.9 | 98 | 70-130 | |
| Benzene | 16.0 | 14.3 | 89 | 70-130 | |
| 1,2-Dichloroethane | 20.2 | 19.1 | 94 | 70-131 | |
| n-Heptane | 20.5 | 19.3 | 94 | 70-130 | |
| Trichloroethene | 26.9 | 24.0 | 89 | 70-130 | |
| Methyl methacrylate | 20.5 | 19.8 | 97 | 70-130 | |
| 1,2-Dichloropropane | 23.1 | 20.7 | 90 | 70-130 | |
| 1,4-Dioxane | 18.0 | 20.3 | 112 | 70-130 | |
| Bromodichloromethane | 33.5 | 30.0 | 89 | 70-130 | |
| cis-1,3-Dichloropropene | 22.7 | 19.9 | 88 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S26X03.D

Lab ID: LCS 410-704888/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 20.1 | 98 | 68-133 | |
| Toluene | 18.8 | 17.1 | 91 | 70-130 | |
| trans-1,3-Dichloropropene | 22.7 | 22.7 | 100 | 70-130 | |
| 1,1,2-Trichloroethane | 27.3 | 25.6 | 94 | 70-130 | |
| Tetrachloroethene | 33.9 | 32.7 | 97 | 70-140 | |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 21.0 | 103 | 57-141 | |
| Dibromochloromethane | 42.6 | 40.3 | 95 | 70-130 | |
| 1,2-Dibromoethane | 38.4 | 35.2 | 92 | 70-130 | |
| Chlorobenzene | 23.0 | 19.9 | 86 | 70-130 | |
| Ethylbenzene | 21.7 | 19.5 | 90 | 70-130 | |
| m,p-Xylene | 21.7 | 20.7 | 95 | 70-130 | |
| o-Xylene | 21.7 | 19.3 | 89 | 70-130 | |
| Xylene (total) | 43.4 | 40.0 | 92 | 70-130 | |
| Styrene | 21.3 | 19.8 | 93 | 70-133 | |
| Bromoform | 51.7 | 48.7 | 94 | 60-139 | |
| Cumene | 24.6 | 23.0 | 94 | 70-137 | |
| 1,1,2,2-Tetrachloroethane | 34.3 | 29.2 | 85 | 61-130 | |
| n-Propylbenzene | 24.6 | 22.0 | 89 | 70-130 | |
| 4-Ethyltoluene | 24.6 | 22.6 | 92 | 69-139 | |
| 1,3,5-Trimethylbenzene | 24.6 | 22.7 | 92 | 69-141 | |
| 2-Chlorotoluene | 25.9 | 23.5 | 91 | 70-130 | |
| tert-Butylbenzene | 27.4 | 26.4 | 96 | 63-130 | |
| 1,2,4-Trimethylbenzene | 24.6 | 21.5 | 88 | 65-146 | |
| sec-Butylbenzene | 27.4 | 23.7 | 86 | 66-141 | |
| 4-Isopropyltoluene | 27.4 | 22.6 | 82 | 60-148 | |
| 1,3-Dichlorobenzene | 30.1 | 25.2 | 84 | 64-140 | |
| 1,4-Dichlorobenzene | 30.1 | 24.6 | 82 | 64-137 | |
| Benzyl chloride | 25.9 | 20.9 | 81 | 57-142 | |
| n-Butylbenzene | 27.4 | 21.7 | 79 | 57-143 | |
| 1,2-Dichlorobenzene | 30.1 | 24.5 | 82 | 61-139 | |
| 1,2,4-Trichlorobenzene | 37.1 | 33.5 | 90 | 52-143 | |
| Hexachlorobutadiene | 53.3 | 43.9 | 82 | 40-157 | |
| Naphthalene | 30.4 | 23.3 | 77 | 22-139 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S26X04.D

Lab ID: LCS 410-704888/5  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| n-Butane | 11.9 | 9.80 | 82 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S28X03X.D

Lab ID: LCS 410-705851/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.1 | 97 | 70-131 | |
| Chlorodifluoromethane | 17.7 | 16.7 | 94 | 70-132 | |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 33.7 | 96 | 70-130 | |
| Chloromethane | 10.3 | 9.01 | 87 | 64-138 | |
| Vinyl chloride | 12.8 | 12.4 | 97 | 70-135 | |
| 1,3-Butadiene | 11.1 | 9.46 | 85 | 70-131 | |
| Bromomethane | 19.4 | 22.1 | 114 | 70-140 | |
| Chloroethane | 13.2 | 11.9 | 90 | 70-131 | |
| Bromoethene(Vinyl Bromide) | 21.9 | 20.1 | 92 | 70-130 | |
| Trichlorofluoromethane | 28.1 | 26.7 | 95 | 70-130 | |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 40.7 | 106 | 70-130 | |
| 1,1-Dichloroethene | 19.8 | 19.8 | 100 | 70-131 | |
| Acetone | 11.9 | 8.90 J | 75 | 70-137 | |
| Isopropyl alcohol | 12.3 | 7.75 J | 63 | 62-135 | |
| Carbon disulfide | 15.6 | 12.0 | 77 | 70-130 | |
| 3-Chloropropene | 15.7 | 12.7 | 81 | 70-137 | |
| Methylene Chloride | 17.4 | 16.5 | 95 | 70-130 | |
| tert-Butyl alcohol | 16.8 | 13.1 J | 78 | 50-130 | |
| Methyl tert-butyl ether | 18.0 | 15.1 | 84 | 70-130 | |
| trans-1,2-Dichloroethene | 19.8 | 17.7 | 89 | 70-130 | |
| n-Hexane | 17.6 | 13.8 | 78 | 61-130 | |
| 1,1-Dichloroethane | 20.2 | 19.3 | 95 | 70-130 | |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 12.0 | 81 | 70-130 | |
| cis-1,2-Dichloroethene | 19.8 | 18.3 | 92 | 70-130 | |
| Chloroform | 24.4 | 24.1 | 99 | 70-130 | |
| Tetrahydrofuran | 14.7 | 11.6 J | 79 | 54-143 | |
| 1,1,1-Trichloroethane | 27.3 | 24.9 | 91 | 70-130 | |
| Cyclohexane | 17.2 | 13.7 | 80 | 61-130 | |
| Carbon tetrachloride | 31.5 | 29.3 | 93 | 70-130 | |
| 2,2,4-Trimethylpentane | 23.4 | 20.5 | 88 | 70-130 | |
| Benzene | 16.0 | 14.7 | 92 | 70-130 | |
| 1,2-Dichloroethane | 20.2 | 17.4 | 86 | 70-131 | |
| n-Heptane | 20.5 | 17.4 | 85 | 70-130 | |
| Trichloroethene | 26.9 | 26.1 | 97 | 70-130 | |
| Methyl methacrylate | 20.5 | 15.4 | 75 | 70-130 | |
| 1,2-Dichloropropane | 23.1 | 18.4 | 80 | 70-130 | |
| 1,4-Dioxane | 18.0 | 15.1 J | 84 | 70-130 | |
| Bromodichloromethane | 33.5 | 28.9 | 86 | 70-130 | |
| cis-1,3-Dichloropropene | 22.7 | 18.4 | 81 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S28X03X.D

Lab ID: LCS 410-705851/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 14.8 | 72 | 68-133 | |
| Toluene | 18.8 | 16.5 | 88 | 70-130 | |
| trans-1,3-Dichloropropene | 22.7 | 20.7 | 91 | 70-130 | |
| 1,1,2-Trichloroethane | 27.3 | 24.9 | 91 | 70-130 | |
| Tetrachloroethene | 33.9 | 27.9 | 82 | 70-140 | |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 14.7 | 72 | 57-141 | |
| Dibromochloromethane | 42.6 | 39.4 | 93 | 70-130 | |
| 1,2-Dibromoethane | 38.4 | 35.5 | 92 | 70-130 | |
| Chlorobenzene | 23.0 | 20.1 | 87 | 70-130 | |
| Ethylbenzene | 21.7 | 18.6 | 86 | 70-130 | |
| m,p-Xylene | 21.7 | 19.8 | 91 | 70-130 | |
| o-Xylene | 21.7 | 17.2 | 79 | 70-130 | |
| Xylene (total) | 43.4 | 37.0 | 85 | 70-130 | |
| Styrene | 21.3 | 18.1 | 85 | 70-133 | |
| Bromoform | 51.7 | 45.6 | 88 | 60-139 | |
| Cumene | 24.6 | 20.9 | 85 | 70-137 | |
| 1,1,2,2-Tetrachloroethane | 34.3 | 27.7 | 81 | 61-130 | |
| n-Propylbenzene | 24.6 | 20.2 | 82 | 70-130 | |
| 4-Ethyltoluene | 24.6 | 21.3 | 87 | 69-139 | |
| 1,3,5-Trimethylbenzene | 24.6 | 19.9 | 81 | 69-141 | |
| 2-Chlorotoluene | 25.9 | 21.9 | 85 | 70-130 | |
| tert-Butylbenzene | 27.4 | 22.8 | 83 | 63-130 | |
| 1,2,4-Trimethylbenzene | 24.6 | 18.8 | 77 | 65-146 | |
| sec-Butylbenzene | 27.4 | 22.4 | 81 | 66-141 | |
| 4-Isopropyltoluene | 27.4 | 21.2 | 77 | 60-148 | |
| 1,3-Dichlorobenzene | 30.1 | 24.7 | 82 | 64-140 | |
| 1,4-Dichlorobenzene | 30.1 | 24.0 | 80 | 64-137 | |
| Benzyl chloride | 25.9 | 18.8 | 73 | 57-142 | |
| n-Butylbenzene | 27.4 | 21.1 | 77 | 57-143 | |
| 1,2-Dichlorobenzene | 30.1 | 23.3 | 77 | 61-139 | |
| 1,2,4-Trichlorobenzene | 37.1 | 31.2 | 84 | 52-143 | |
| Hexachlorobutadiene | 53.3 | 47.9 | 90 | 40-157 | |
| Naphthalene | 30.4 | 21.1 | 69 | 22-139 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S28X04X.D

Lab ID: LCSD 410-705851/5  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCSD CONCENTRATION (ug/m3) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 24.7 | 24.4 | 99 | 1 | 25 | 70-131 | |
| Chlorodifluoromethane | 17.7 | 16.7 | 94 | 0 | 25 | 70-132 | |
| 1,2-Dichlorotetrafluoroethane | 35.0 | 34.4 | 98 | 2 | 25 | 70-130 | |
| Chloromethane | 10.3 | 8.99 | 87 | 0 | 25 | 64-138 | |
| Vinyl chloride | 12.8 | 12.5 | 98 | 1 | 25 | 70-135 | |
| 1,3-Butadiene | 11.1 | 9.45 | 85 | 0 | 25 | 70-131 | |
| Bromomethane | 19.4 | 22.0 | 113 | 0 | 25 | 70-140 | |
| Chloroethane | 13.2 | 12.0 | 91 | 1 | 25 | 70-131 | |
| Bromoethene(Vinyl Bromide) | 21.9 | 20.1 | 92 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 28.1 | 26.7 | 95 | 0 | 25 | 70-130 | |
| 1,1,2-Trichlorotrifluoroethane | 38.3 | 41.0 | 107 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 19.8 | 20.1 | 101 | 1 | 25 | 70-131 | |
| Acetone | 11.9 | 8.72 J | 73 | 2 | 25 | 70-137 | |
| Isopropyl alcohol | 12.3 | 7.76 J | 63 | 0 | 25 | 62-135 | |
| Carbon disulfide | 15.6 | 12.0 | 77 | 0 | 25 | 70-130 | |
| 3-Chloropropene | 15.7 | 12.7 | 81 | 0 | 25 | 70-137 | |
| Methylene Chloride | 17.4 | 16.5 | 95 | 0 | 25 | 70-130 | |
| tert-Butyl alcohol | 16.8 | 13.2 J | 78 | 0 | 25 | 50-130 | |
| Methyl tert-butyl ether | 18.0 | 15.1 | 84 | 0 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 19.8 | 17.7 | 89 | 0 | 25 | 70-130 | |
| n-Hexane | 17.6 | 14.1 | 80 | 2 | 25 | 61-130 | |
| 1,1-Dichloroethane | 20.2 | 19.5 | 96 | 1 | 25 | 70-130 | |
| Methyl Ethyl Ketone (2-Butanone) | 14.7 | 12.2 | 83 | 2 | 25 | 70-130 | |
| cis-1,2-Dichloroethene | 19.8 | 18.4 | 93 | 0 | 25 | 70-130 | |
| Chloroform | 24.4 | 24.4 | 100 | 1 | 25 | 70-130 | |
| Tetrahydrofuran | 14.7 | 11.6 J | 79 | 0 | 25 | 54-143 | |
| 1,1,1-Trichloroethane | 27.3 | 25.0 | 92 | 0 | 25 | 70-130 | |
| Cyclohexane | 17.2 | 13.9 | 81 | 1 | 25 | 61-130 | |
| Carbon tetrachloride | 31.5 | 29.2 | 93 | 1 | 25 | 70-130 | |
| 2,2,4-Trimethylpentane | 23.4 | 20.6 | 88 | 1 | 25 | 70-130 | |
| Benzene | 16.0 | 15.0 | 94 | 2 | 25 | 70-130 | |
| 1,2-Dichloroethane | 20.2 | 17.8 | 88 | 2 | 25 | 70-131 | |
| n-Heptane | 20.5 | 17.1 | 84 | 2 | 25 | 70-130 | |
| Trichloroethene | 26.9 | 25.8 | 96 | 1 | 25 | 70-130 | |
| Methyl methacrylate | 20.5 | 15.9 | 78 | 3 | 25 | 70-130 | |
| 1,2-Dichloropropane | 23.1 | 18.5 | 80 | 1 | 25 | 70-130 | |
| 1,4-Dioxane | 18.0 | 14.8 J | 82 | 2 | 25 | 70-130 | |
| Bromodichloromethane | 33.5 | 28.9 | 86 | 0 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 22.7 | 18.5 | 82 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S28X04X.D

Lab ID: LCSD 410-705851/5  Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCSD CONCENTRATION (ug/m3) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.5 | 14.9 | 73 | 0 | 25 | 68-133 | |
| Toluene | 18.8 | 16.7 | 89 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 22.7 | 20.8 | 92 | 1 | 25 | 70-130 | |
| 1,1,2-Trichloroethane | 27.3 | 25.0 | 92 | 1 | 25 | 70-130 | |
| Tetrachloroethene | 33.9 | 28.5 | 84 | 2 | 25 | 70-140 | |
| Methyl Butyl Ketone (2-Hexanone) | 20.5 | 15.0 | 73 | 2 | 25 | 57-141 | |
| Dibromochloromethane | 42.6 | 39.1 | 92 | 1 | 25 | 70-130 | |
| 1,2-Dibromoethane | 38.4 | 36.5 | 95 | 3 | 25 | 70-130 | |
| Chlorobenzene | 23.0 | 20.4 | 89 | 2 | 25 | 70-130 | |
| Ethylbenzene | 21.7 | 18.8 | 86 | 1 | 25 | 70-130 | |
| m,p-Xylene | 21.7 | 19.5 | 90 | 1 | 25 | 70-130 | |
| o-Xylene | 21.7 | 17.5 | 81 | 2 | 25 | 70-130 | |
| Xylene (total) | 43.4 | 37.0 | 85 | 0 | 25 | 70-130 | |
| Styrene | 21.3 | 18.3 | 86 | 1 | 25 | 70-133 | |
| Bromoform | 51.7 | 45.9 | 89 | 1 | 25 | 60-139 | |
| Cumene | 24.6 | 21.1 | 86 | 1 | 25 | 70-137 | |
| 1,1,2,2-Tetrachloroethane | 34.3 | 27.9 | 81 | 1 | 25 | 61-130 | |
| n-Propylbenzene | 24.6 | 20.4 | 83 | 1 | 25 | 70-130 | |
| 4-Ethyltoluene | 24.6 | 21.2 | 86 | 1 | 25 | 69-139 | |
| 1,3,5-Trimethylbenzene | 24.6 | 19.7 | 80 | 1 | 25 | 69-141 | |
| 2-Chlorotoluene | 25.9 | 21.6 | 83 | 1 | 25 | 70-130 | |
| tert-Butylbenzene | 27.4 | 23.3 | 85 | 2 | 25 | 63-130 | |
| 1,2,4-Trimethylbenzene | 24.6 | 19.1 | 78 | 2 | 25 | 65-146 | |
| sec-Butylbenzene | 27.4 | 22.5 | 82 | 0 | 25 | 66-141 | |
| 4-Isopropyltoluene | 27.4 | 21.3 | 78 | 1 | 25 | 60-148 | |
| 1,3-Dichlorobenzene | 30.1 | 24.5 | 82 | 1 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 30.1 | 23.6 | 78 | 2 | 25 | 64-137 | |
| Benzyl chloride | 25.9 | 19.4 | 75 | 3 | 25 | 57-142 | |
| n-Butylbenzene | 27.4 | 21.2 | 77 | 0 | 25 | 57-143 | |
| 1,2-Dichlorobenzene | 30.1 | 23.4 | 78 | 1 | 25 | 61-139 | |
| 1,2,4-Trichlorobenzene | 37.1 | 31.4 | 85 | 1 | 25 | 52-143 | |
| Hexachlorobutadiene | 53.3 | 48.0 | 90 | 0 | 25 | 40-157 | |
| Naphthalene | 30.4 | 21.4 | 71 | 2 | 25 | 22-139 | |

# Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 7S26X06.D  Lab Sample ID: MB 410-704888/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 09/26/2025 10:25

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-704888/4 | 7S26X03.D | 09/26/2025 08:56 |
| | LCS 410-704888/5 | 7S26X04.D | 09/26/2025 09:24 |
| C241174_RR-IA02_MW16D19D_092025 | 460-335451-1 | 7S26X18.D | 09/26/2025 17:57 |
| C241174_RR-AA02_MW16D19D_092025 | 460-335451-2 | 7S26X19.D | 09/26/2025 18:32 |
| C241174_PLR-IA03_MW30D_092125 | 460-335451-3 | 7S26X20.D | 09/26/2025 19:06 |
| C241174_PLR-AA03_MW30D_092125 | 460-335451-4 | 7S26X21.D | 09/26/2025 19:41 |
| C241174_LR-IA02_MW30D_092025 | 460-335451-5 | 7S26X22.D | 09/26/2025 20:15 |
| C241174_LR-AA02_MW30D_092025 | 460-335451-6 | 7S26X23.D | 09/26/2025 20:50 |
| C241174_PLR-IA03_MW16D19D_092125 | 460-335451-7 | 7S26X24.D | 09/26/2025 21:25 |
| C241174_PLR-AA03_MW16D19D_092125 | 460-335451-8 | 7S26X25.D | 09/26/2025 21:59 |

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 6S28X06X.D  Lab Sample ID: MB 410-705851/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP26379  Date Analyzed: 09/28/2025 21:28

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-705851/4 | 6S28X03X.D | 09/28/2025 20:19 |
| | LCSD 410-705851/5 | 6S28X04X.D | 09/28/2025 20:41 |
| C241174_PLR-IA03_MW30D_092125 DL | 460-335451-3 DL | 6S28X09.D | 09/29/2025 07:43 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 6G29T01.D  BFB Injection Date: 08/29/2025

Instrument ID: HP26379  BFB Injection Time: 19:52

Analysis Batch No.: 693962

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 22.4 | |
| 75 | 30.0 - 66.0% of mass 95 | 53.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.6 | (0.9) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 66.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.0 | (7.5) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 64.5 | (96.8) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.4 | (6.8) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-693962/3 | 6G29X03.D | 08/29/2025 | 20:42 |
| | IC 410-693962/4 | 6G29X04.D | 08/29/2025 | 21:08 |
| | IC 410-693962/5 | 6G29X05.D | 08/29/2025 | 21:34 |
| | IC 410-693962/6 | 6G29X06.D | 08/29/2025 | 22:02 |
| | IC 410-693962/7 | 6G29X07.D | 08/29/2025 | 22:27 |
| | ICISAV 410-693962/8 | 6G29X08.D | 08/29/2025 | 22:54 |
| | IC 410-693962/9 | 6G29X09.D | 08/29/2025 | 23:22 |
| | IC 410-693962/10 | 6G29X10.D | 08/29/2025 | 23:57 |
| | ICV 410-693962/15 | 6G29X15.D | 08/30/2025 | 2:14 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 6S28T01.D  BFB Injection Date: 09/28/2025

Instrument ID: HP26379  BFB Injection Time: 18:22

Analysis Batch No.: 705851

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 21.0 | |
| 75 | 30.0 - 66.0% of mass 95 | 51.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.6 | (0.9) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 69.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.0 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 66.5 | (95.4) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.5 | (6.7) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-705851/3 | 6S28X02X.D | 09/28/2025 | 19:57 |
| | LCS 410-705851/4 | 6S28X03X.D | 09/28/2025 | 20:19 |
| | LCSD 410-705851/5 | 6S28X04X.D | 09/28/2025 | 20:41 |
| | MB 410-705851/7 | 6S28X06X.D | 09/28/2025 | 21:28 |
| C241174_PLR-IA03_MW30D_092125 DL | 460-335451-3 DL | 6S28X09.D | 09/29/2025 | 7:43 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 7S07T01.D  BFB Injection Date: 09/07/2025

Instrument ID: HP8R004  BFB Injection Time: 22:04

Analysis Batch No.: 695447

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 20.9 | |
| 75 | 30.0 - 66.0% of mass 95 | 50.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.9 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 69.5 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.5 | (8.0) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 67.1 | (96.6) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.2 | (6.3) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-695447/3 | 7S07X03.D | 09/07/2025 | 22:59 |
| | IC 410-695447/4 | 7S07X04.D | 09/07/2025 | 23:25 |
| | IC 410-695447/5 | 7S07X05.D | 09/07/2025 | 23:52 |
| | IC 410-695447/6 | 7S07X06.D | 09/08/2025 | 0:19 |
| | IC 410-695447/7 | 7S07X07.D | 09/08/2025 | 0:45 |
| | ICISAV 410-695447/8 | 7S07X08.D | 09/08/2025 | 1:12 |
| | IC 410-695447/9 | 7S07X09.D | 09/08/2025 | 1:42 |
| | IC 410-695447/10 | 7S07X10.D | 09/08/2025 | 2:10 |
| | IC 410-695447/11 | 7S07X11.D | 09/08/2025 | 2:41 |
| | ICV 410-695447/17 | 7S07X17.D | 09/08/2025 | 5:37 |
| | ICV 410-695447/18 | 7S07X18.D | 09/08/2025 | 6:05 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab File ID: 7S26T01.D  BFB Injection Date: 09/26/2025

Instrument ID: HP8R004  BFB Injection Time: 07:30

Analysis Batch No.: 704888

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 21.0 | |
| 75 | 30.0 - 66.0% of mass 95 | 50.5 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.9 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 70.0 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.5 | (7.8) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 67.3 | (96.1) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.5 | (6.7) 2 |

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-704888/3 | 7S26X02.D | 09/26/2025 | 8:28 |
| | LCS 410-704888/4 | 7S26X03.D | 09/26/2025 | 8:56 |
| | LCS 410-704888/5 | 7S26X04.D | 09/26/2025 | 9:24 |
| | MB 410-704888/7 | 7S26X06.D | 09/26/2025 | 10:25 |
| C241174_RR-IA02_MW16D19D_092025 | 460-335451-1 | 7S26X18.D | 09/26/2025 | 17:57 |
| C241174_RR-AA02_MW16D19D_092025 | 460-335451-2 | 7S26X19.D | 09/26/2025 | 18:32 |
| C241174_PLR-IA03_MW30D_092125 | 460-335451-3 | 7S26X20.D | 09/26/2025 | 19:06 |
| C241174_PLR-AA03_MW30D_092125 | 460-335451-4 | 7S26X21.D | 09/26/2025 | 19:41 |
| C241174_LR-IA02_MW30D_092025 | 460-335451-5 | 7S26X22.D | 09/26/2025 | 20:15 |
| C241174_LR-AA02_MW30D_092025 | 460-335451-6 | 7S26X23.D | 09/26/2025 | 20:50 |
| C241174_PLR-IA03_MW16D19D_092125 | 460-335451-7 | 7S26X24.D | 09/26/2025 | 21:25 |
| C241174_PLR-AA03_MW16D19D_092125 | 460-335451-8 | 7S26X25.D | 09/26/2025 | 21:59 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Calibration Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 08/29/2025 23:57

Calibration ID: 76297

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 565081 | 5.64 | 2434928 | 6.77 | 2453474 | 9.97 |
| UPPER LIMIT | | 791113 | 5.94 | 3408899 | 7.06 | 3434864 | 10.27 |
| LOWER LIMIT | | 339049 | 5.34 | 1460957 | 6.46 | 1472084 | 9.67 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-693962/15 | | 578688 | 5.64 | 2430832 | 6.76 | 2416018 | 9.97 |
| CCVIS 410-705851/3 | | 470559 | 5.64 | 1970973 | 6.76 | 1980715 | 9.97 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Sample No.: CCVIS 410-705851/3  Date Analyzed: 09/28/2025 19:57

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 6S28X02X.D  Heated Purge: (Y/N) N

Calibration ID: 76297

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 470559 | 5.64 | 1970973 | 6.76 | 1980715 | 9.97 |
| UPPER LIMIT | | 658783 | 5.94 | 2759362 | 7.06 | 2773001 | 10.27 |
| LOWER LIMIT | | 282335 | 5.34 | 1182584 | 6.46 | 1188429 | 9.67 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-705851/4 | | 449758 | 5.64 | 1935053 | 6.76 | 1888304 | 9.97 |
| LCSD 410-705851/5 | | 448954 | 5.64 | 1933180 | 6.76 | 1888783 | 9.97 |
| MB 410-705851/7 | | 440951 | 5.64 | 1895338 | 6.76 | 1865063 | 9.97 |
| 460-335451-3 DL | C241174_PLR-IA03_MW30D_092125 DL | 432286 | 5.64 | 1862420 | 6.76 | 1821534 | 9.97 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 344432 | 9.61 | 1298709 | 11.22 | 1198969 | 14.46 |
| UPPER LIMIT | | 482205 | 9.91 | 1818193 | 11.51 | 1678557 | 14.76 |
| LOWER LIMIT | | 206659 | 9.31 | 779225 | 10.91 | 719381 | 14.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-695447/17 | | 352798 | 9.62 | 1347261 | 11.22 | 1228404 | 14.47 |
| ICV 410-695447/18 | | 350852 | 9.62 | 1291316 | 11.23 | 1212616 | 14.47 |
| CCVIS 410-704888/3 | | 304810 | 9.62 | 1164836 | 11.22 | 1062962 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Sample No.: CCVIS 410-704888/3  Date Analyzed: 09/26/2025 08:28

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7S26X02.D  Heated Purge: (Y/N) N

Calibration ID: 76556

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 304810 | 9.62 | 1164836 | 11.22 | 1062962 | 14.46 |
| UPPER LIMIT | | 426734 | 9.92 | 1630770 | 11.52 | 1488147 | 14.76 |
| LOWER LIMIT | | 182886 | 9.32 | 698902 | 10.92 | 637777 | 14.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-704888/4 | | 307392 | 9.61 | 1180538 | 11.21 | 1077365 | 14.47 |
| LCS 410-704888/5 | | 308822 | 9.62 | 1117169 | 11.22 | 1067296 | 14.46 |
| MB 410-704888/7 | | 305453 | 9.63 | 1104329 | 11.23 | 1064998 | 14.47 |
| 460-335451-1 | C241174_RR-IA02_MW16D 19D_092025 | 312413 | 9.62 | 1101123 | 11.22 | 1046959 | 14.47 |
| 460-335451-2 | C241174_RR-AA02_MW16D 19D_092025 | 311803 | 9.62 | 1068790 | 11.22 | 1031668 | 14.46 |
| 460-335451-3 | C241174_PLR-IA03_MW30 D_092125 | 313091 | 9.62 | 1103005 | 11.22 | 1059330 | 14.46 |
| 460-335451-4 | C241174_PLR-AA03_MW30 D_092125 | 309154 | 9.62 | 1074449 | 11.22 | 1031896 | 14.47 |
| 460-335451-5 | C241174_LR-IA02_MW30D _092025 | 311138 | 9.62 | 1081716 | 11.22 | 1028332 | 14.47 |
| 460-335451-6 | C241174_LR-AA02_MW30D _092025 | 306900 | 9.62 | 1071467 | 11.23 | 1021516 | 14.47 |
| 460-335451-7 | C241174_PLR-IA03_MW16 D19D_092125 | 309257 | 9.62 | 1093046 | 11.21 | 1039499 | 14.47 |
| 460-335451-8 | C241174_PLR-AA03_MW16 D19D_092125 | 311453 | 9.62 | 1067963 | 11.22 | 1029155 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-IA02_MW16D19D_092025
Lab Sample ID: 460-335451-1

Matrix: Air
Lab File ID: 7S26X18.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 13:02

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 17:57

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.1 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 4.8 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.4 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 32 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 3.9 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 0.67 | J | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.5 | J | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 8.0 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.25 | J | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 2.3 | | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.63 | J | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-IA02_MW16D19D_092025
Lab Sample ID: 460-335451-1

Matrix: Air
Lab File ID: 7S26X18.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 13:02

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 17:57

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.90 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.63 | J | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 3.6 | | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 17 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.4 | | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-IA02_MW16D19D_092025
Lab Sample ID: 460-335451-1

Matrix: Air
Lab File ID: 7S26X18.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 13:02

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 17:57

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D
Lims ID: 460-335451-A-1
Client ID: C241174_RR-IA02_MW16D19D_092025
Sample Type: Client
Inject. Date: 26-Sep-2025 17:57:57 ALS Bottle#: 16 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-1
Misc. Info.: 410-0161031-019
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:12:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 79 | 33097 | 0.4637 | |
| 5 Chloromethane | 50 | 3.791 | 3.770 | 0.021 | 83 | 13252 | 0.5185 | |
| 124 Butane | 43 | 4.021 | 4.020 | 0.015 | 50 | 96767 | 2.02 | M |
| 12 Trichlorofluoromethane | 101 | 5.425 | 5.410 | 0.015 | 68 | 16095 | 0.2475 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.007 | 99 | 629786 | 13.6 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 97 | 54476 | 1.59 | |
| 17 Carbon disulfide | 76 | 6.764 | 6.757 | 0.007 | 88 | 7686 | 0.0826 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.194 | 0.000 | 70 | 4784 | 0.1943 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.294 | 0.007 | 80 | 4525 | 0.1588 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 91 | 9993 | 0.4142 | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 97 | 35858 | 2.72 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 312413 | 10.0 | |
| 37 Chloroform | 83 | 9.758 | 9.758 | 0.000 | 51 | 3307 | 0.0517 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 91 | 29161 | 0.6540 | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 59 | 25117 | 0.2822 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.661 | 0.000 | 12 | 2091 | 0.0509 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 89 | 18274 | 0.1341 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 55 | 4130 | 0.1534 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1101123 | 10.0 | |
| 55 Methyl methacrylate | 69 | 11.936 | 11.943 | -0.007 | 39 | 24429 | 0.8687 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 97 | 487980 | 4.53 | |
| 64 1,1,2-Trichloroethane | 97 | 13.562 | 13.548 | 0.014 | 1 | 9345 | 0.2582 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1046959 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

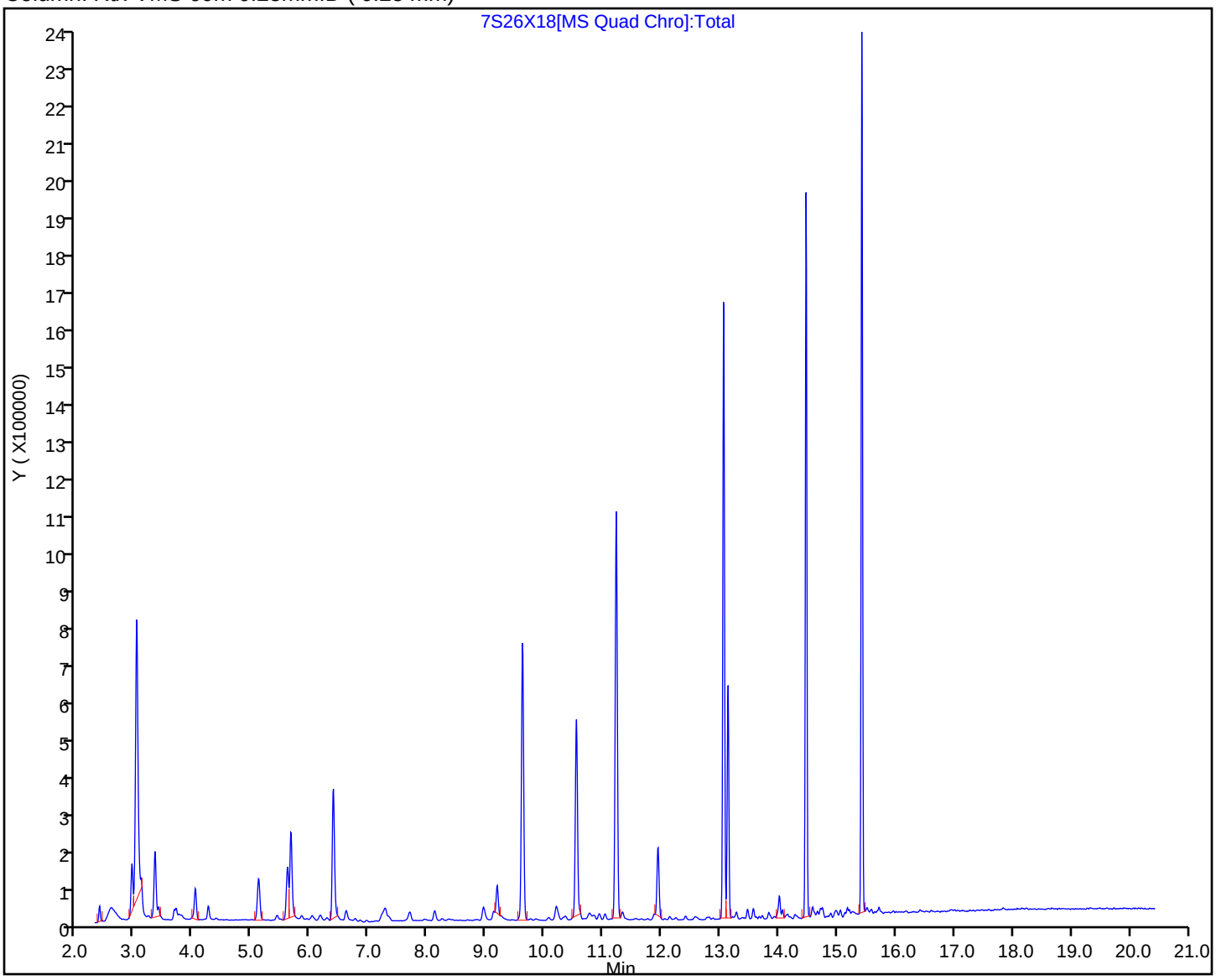
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

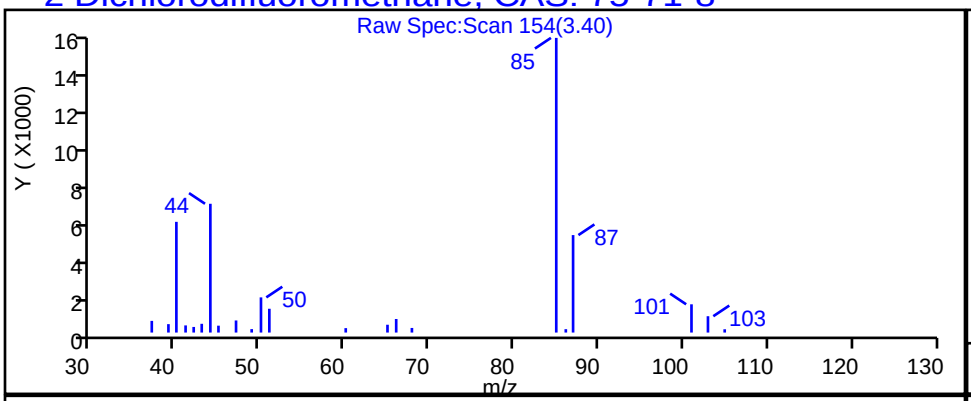
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)

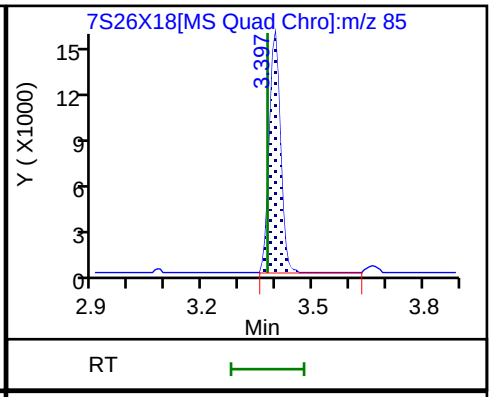


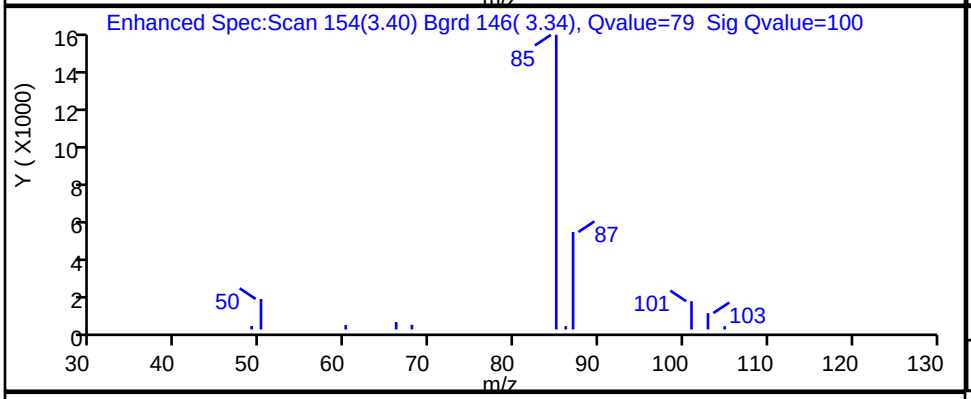
Eurofins Lancaster Laboratories Environment Testing, LLC

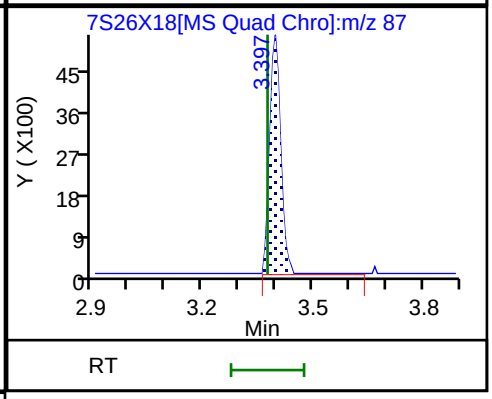
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

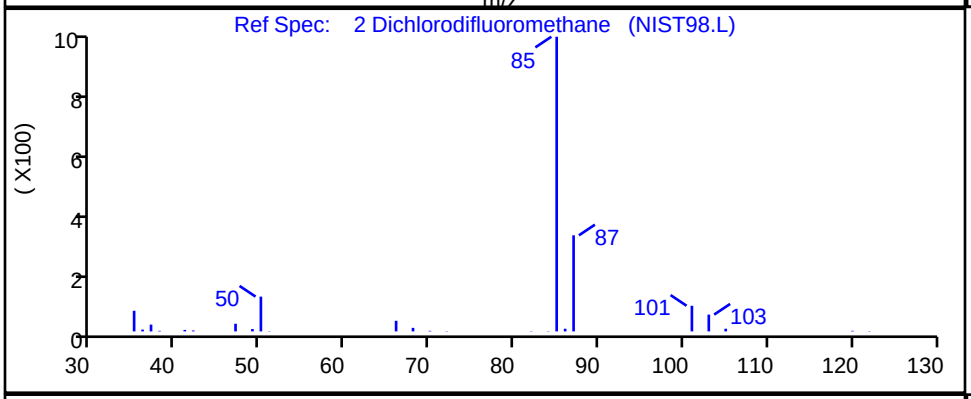
## 2 Dichlorodifluoromethane, CAS: 75-71-8

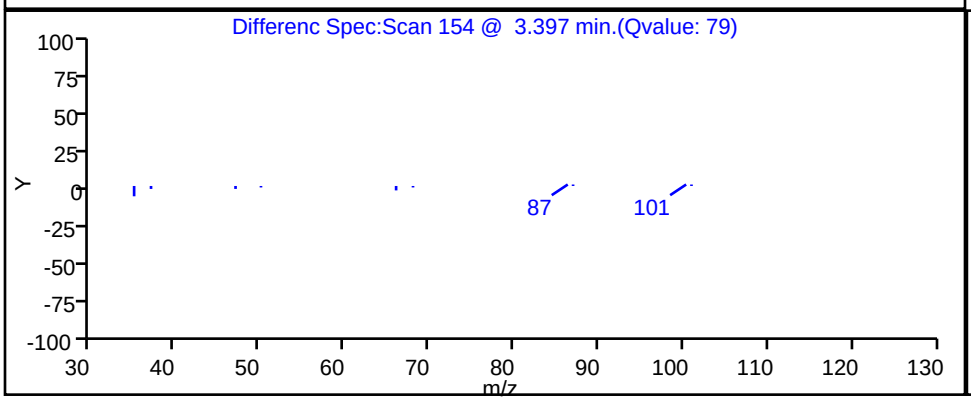


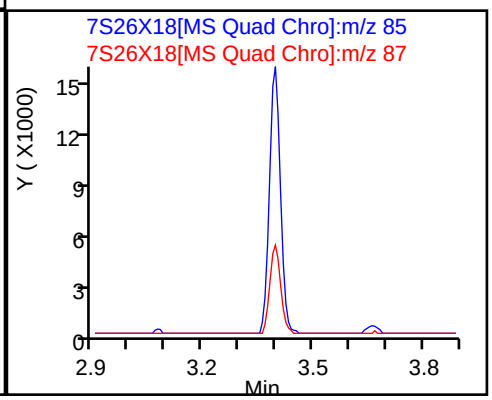



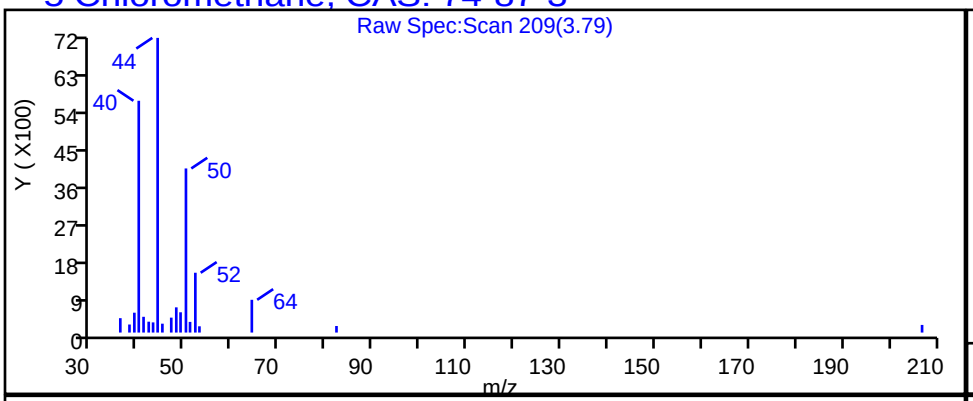



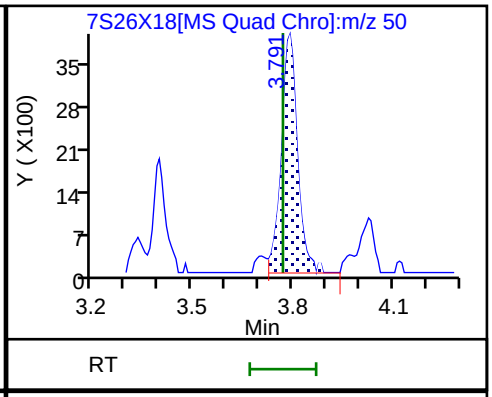



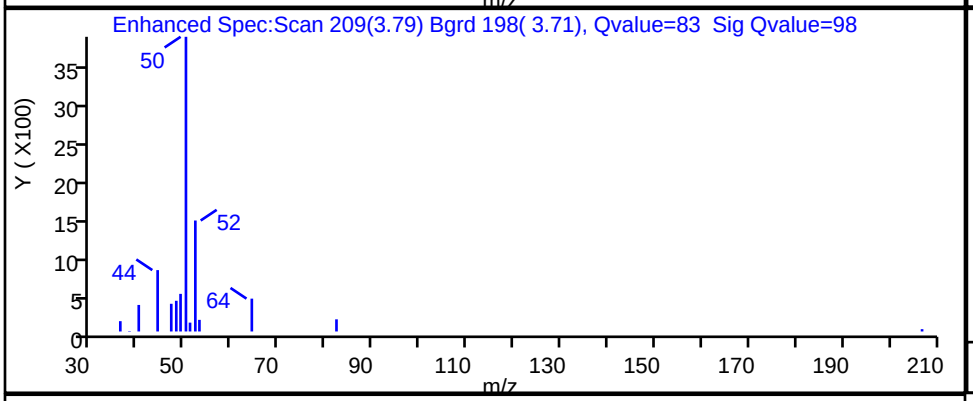
Eurofins Lancaster Laboratories Environment Testing, LLC

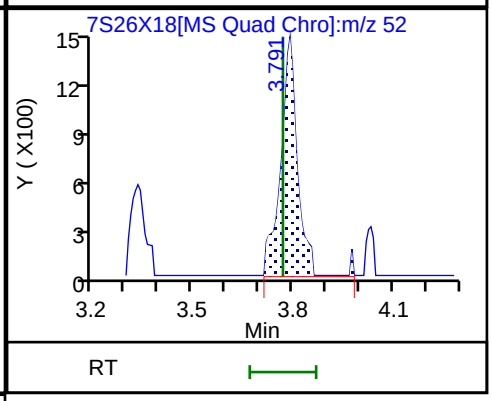
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

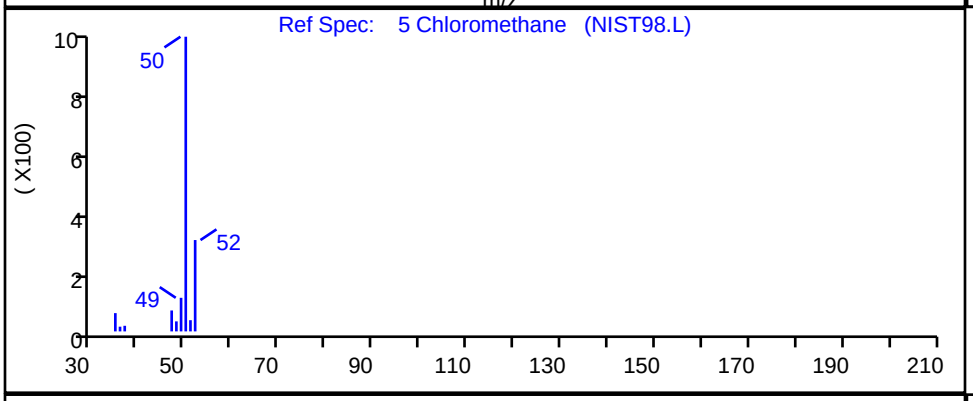
## 5 Chloromethane, CAS: 74-87-3

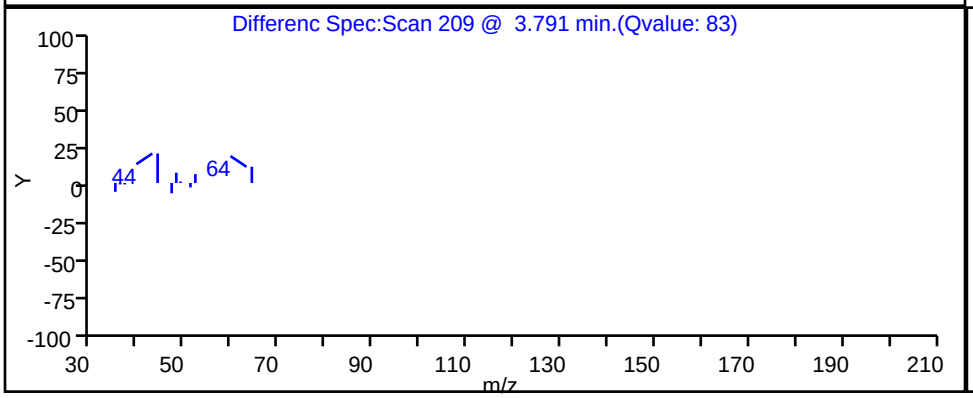


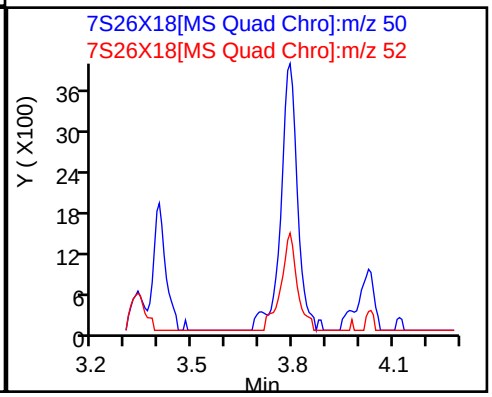



Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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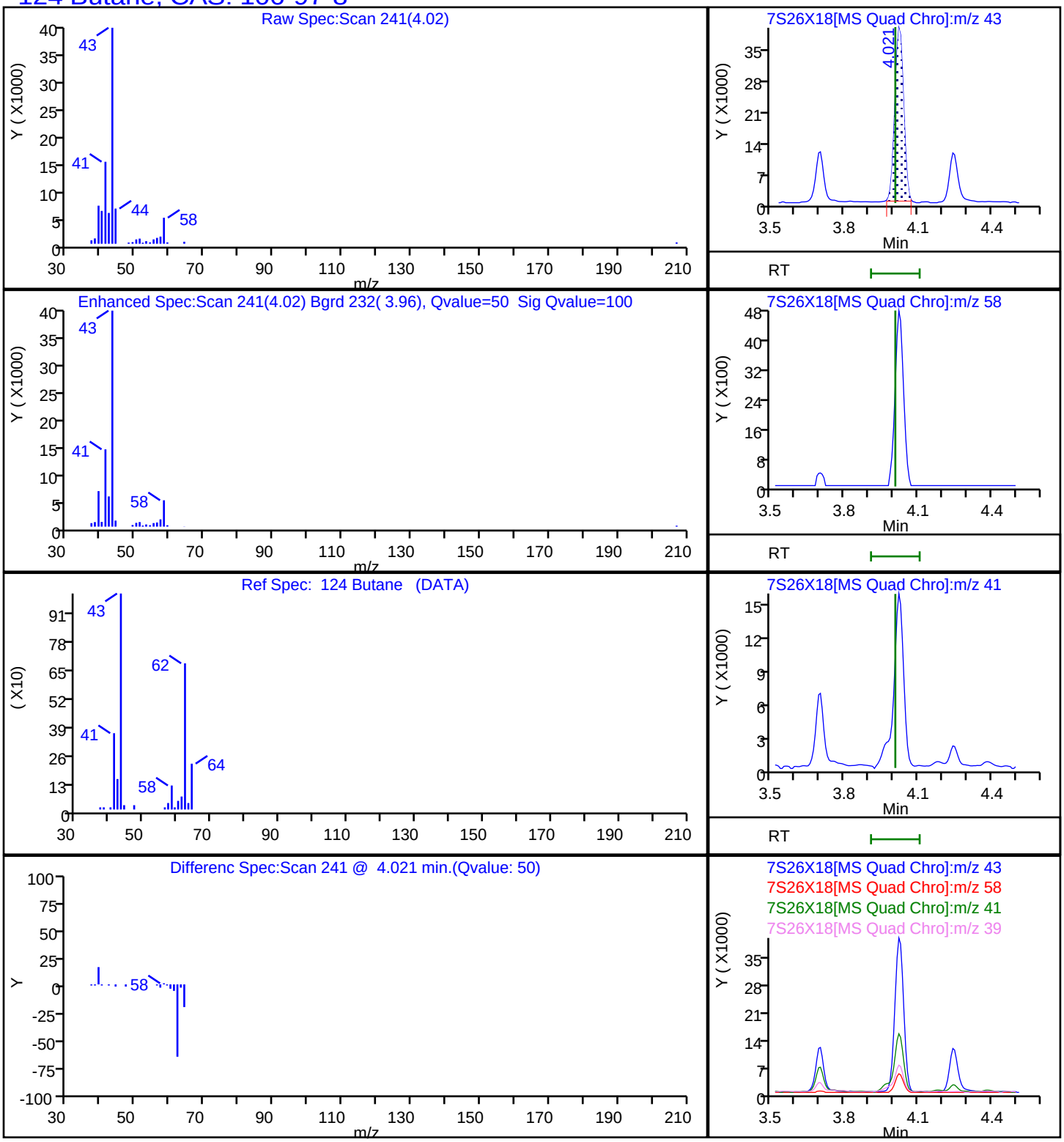
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8



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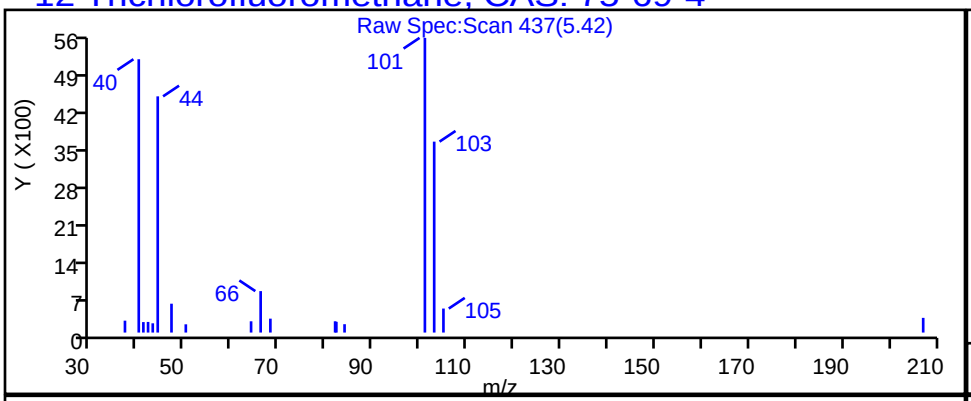
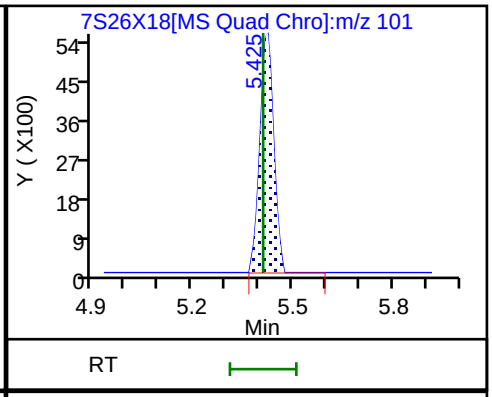
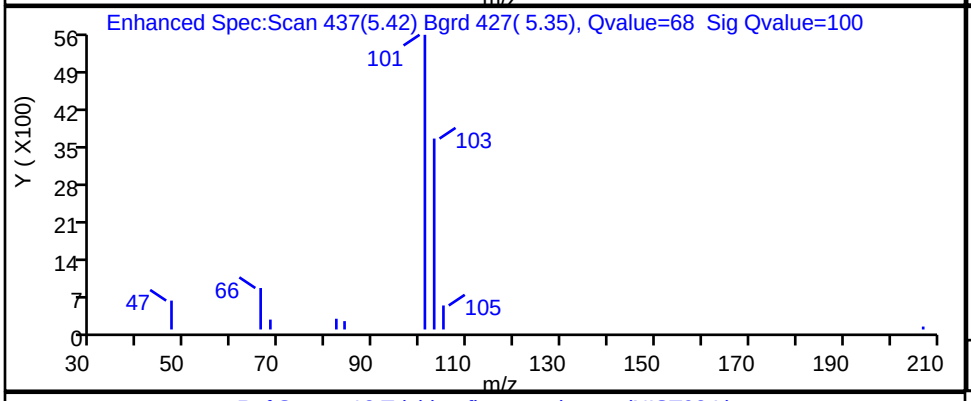
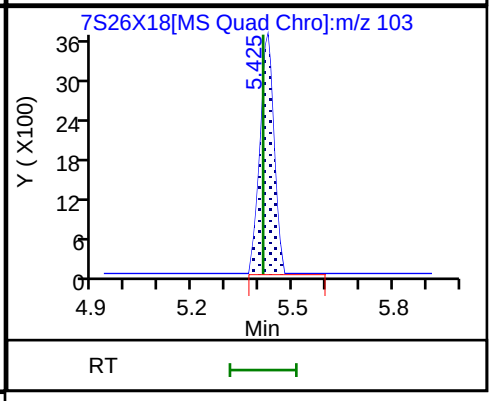
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

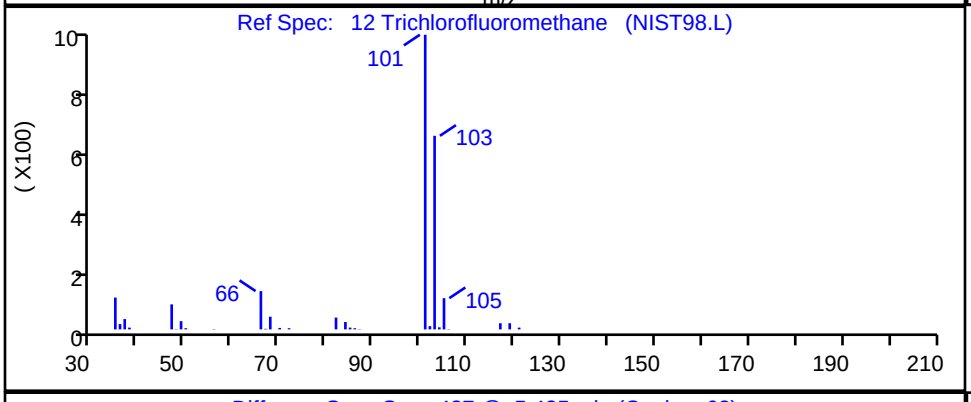
## 12 Trichlorofluoromethane, CAS: 75-69-4

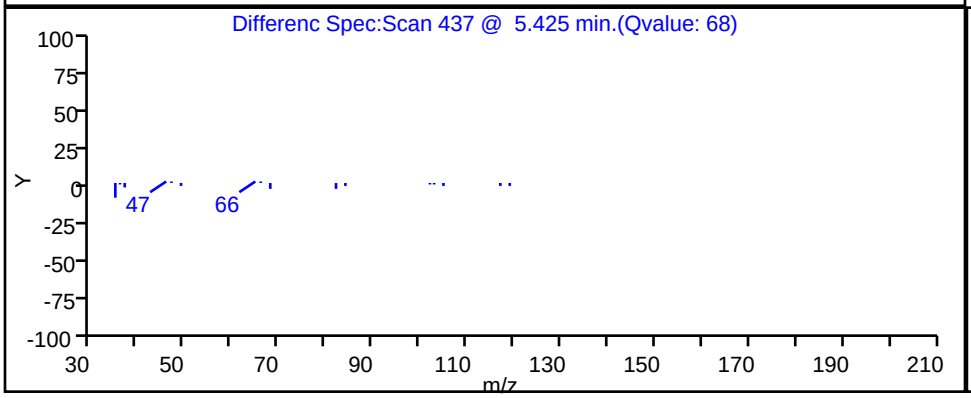


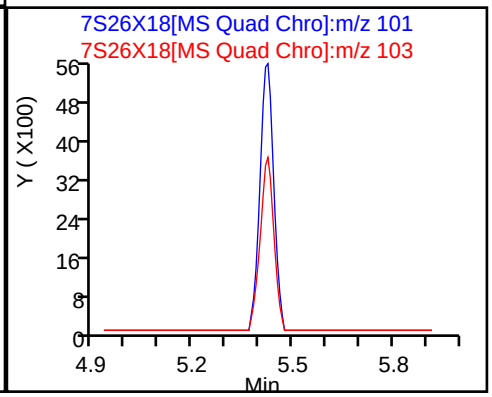



Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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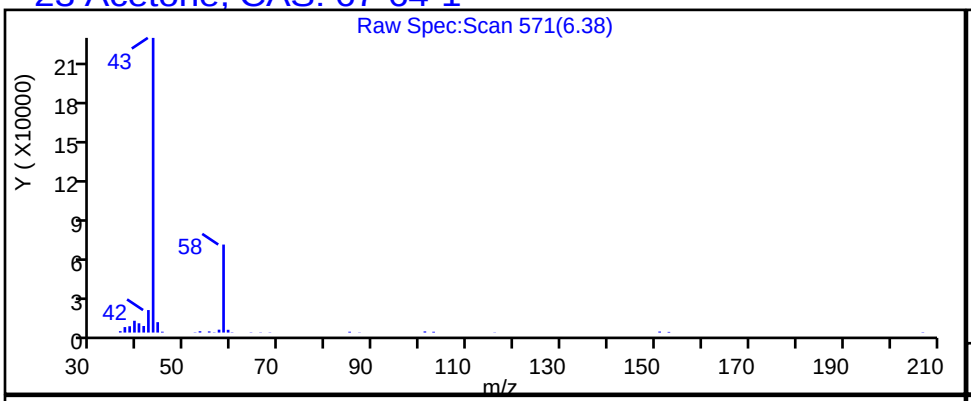
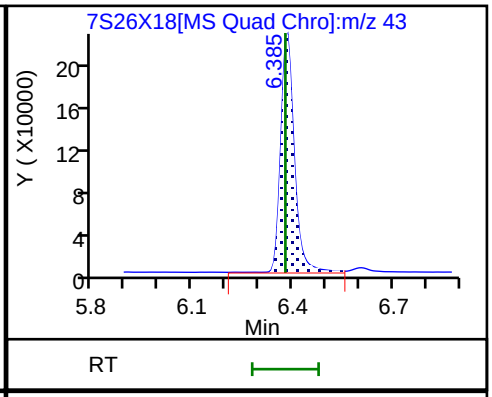
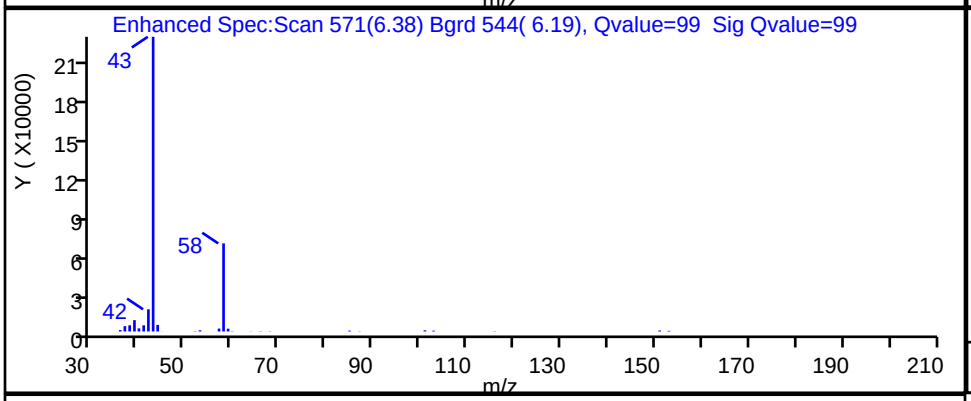
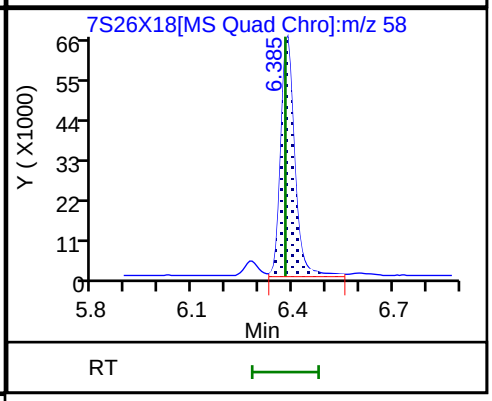
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

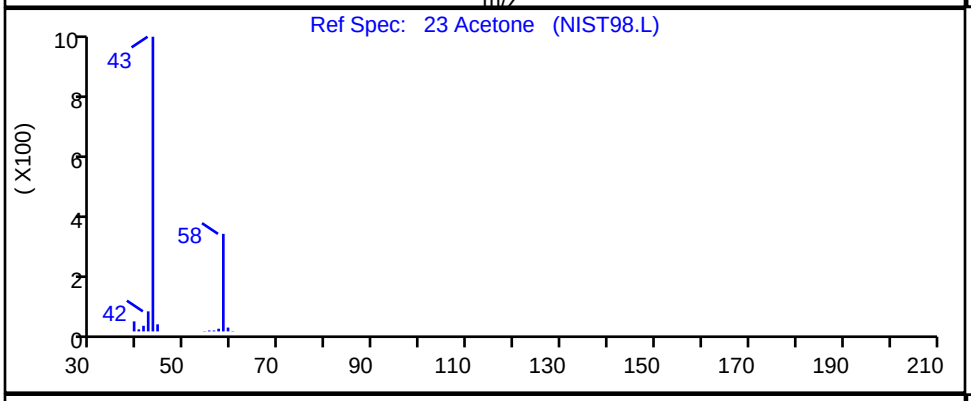
## 23 Acetone, CAS: 67-64-1

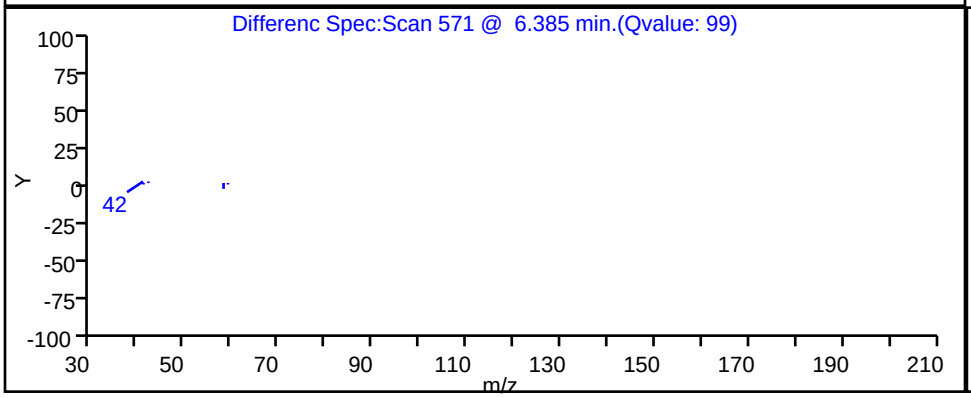


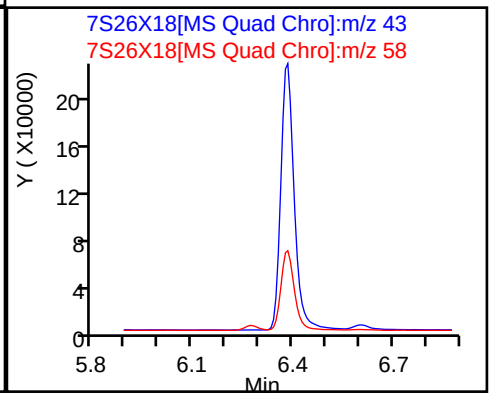



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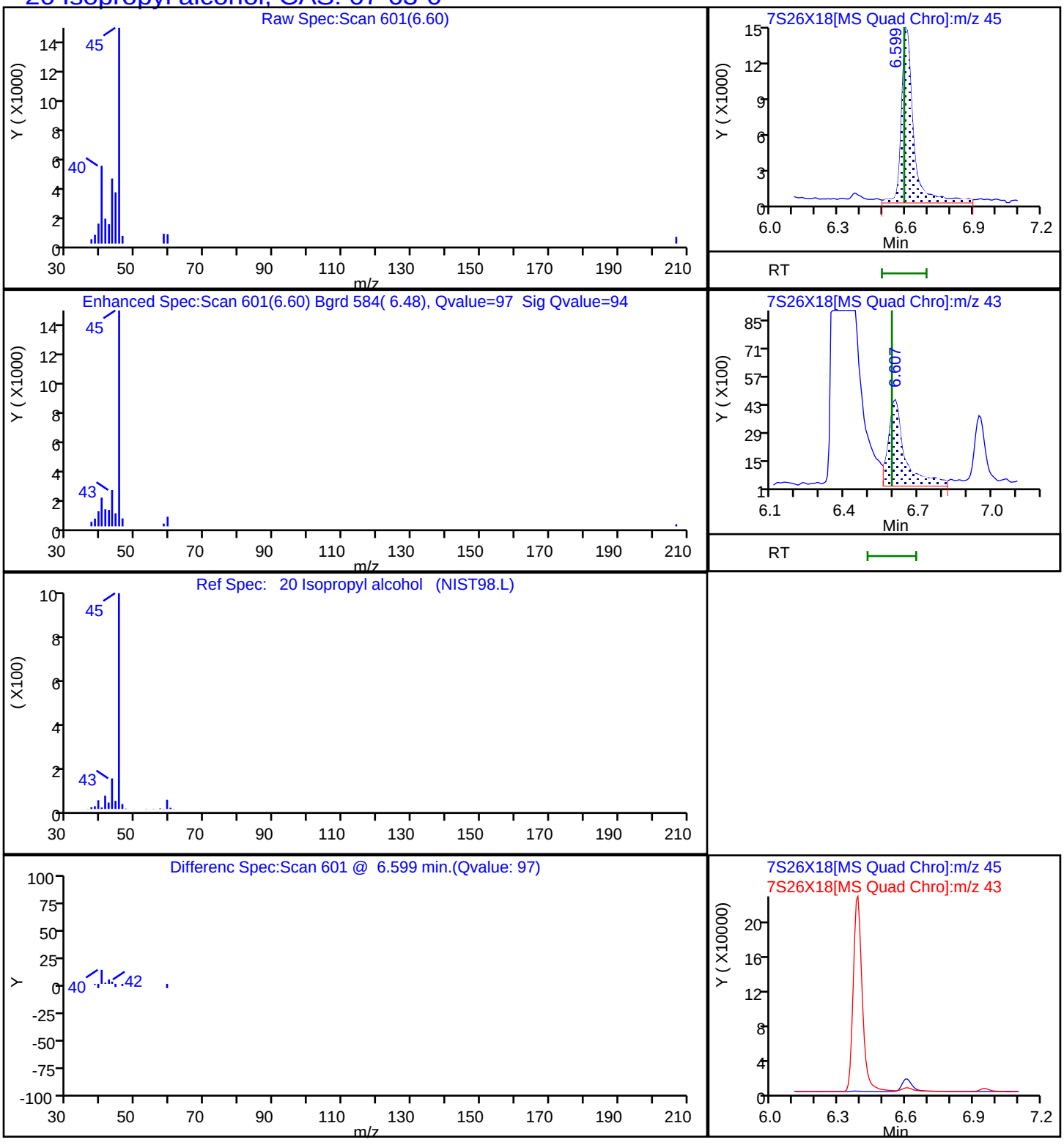
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0



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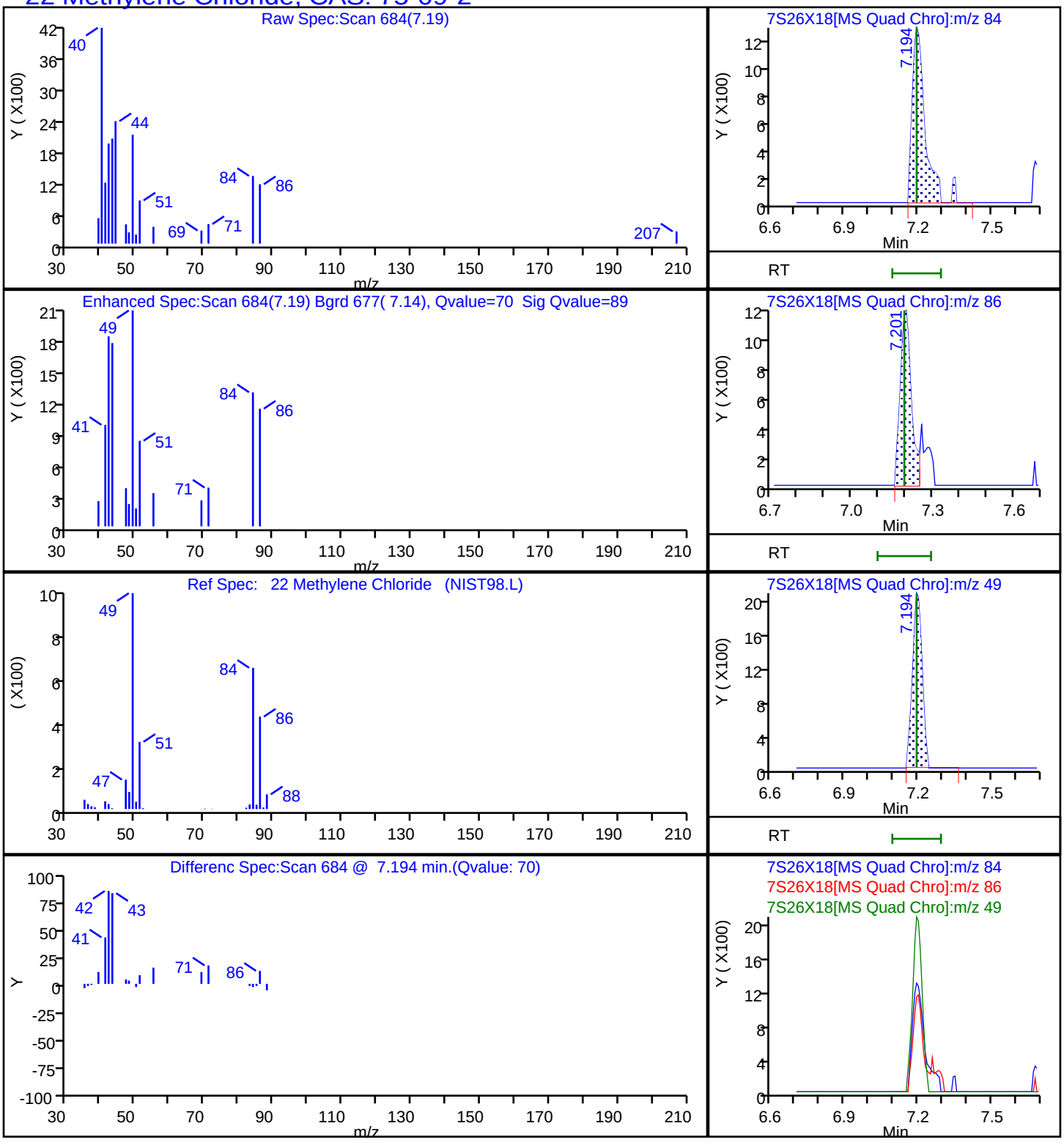
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2



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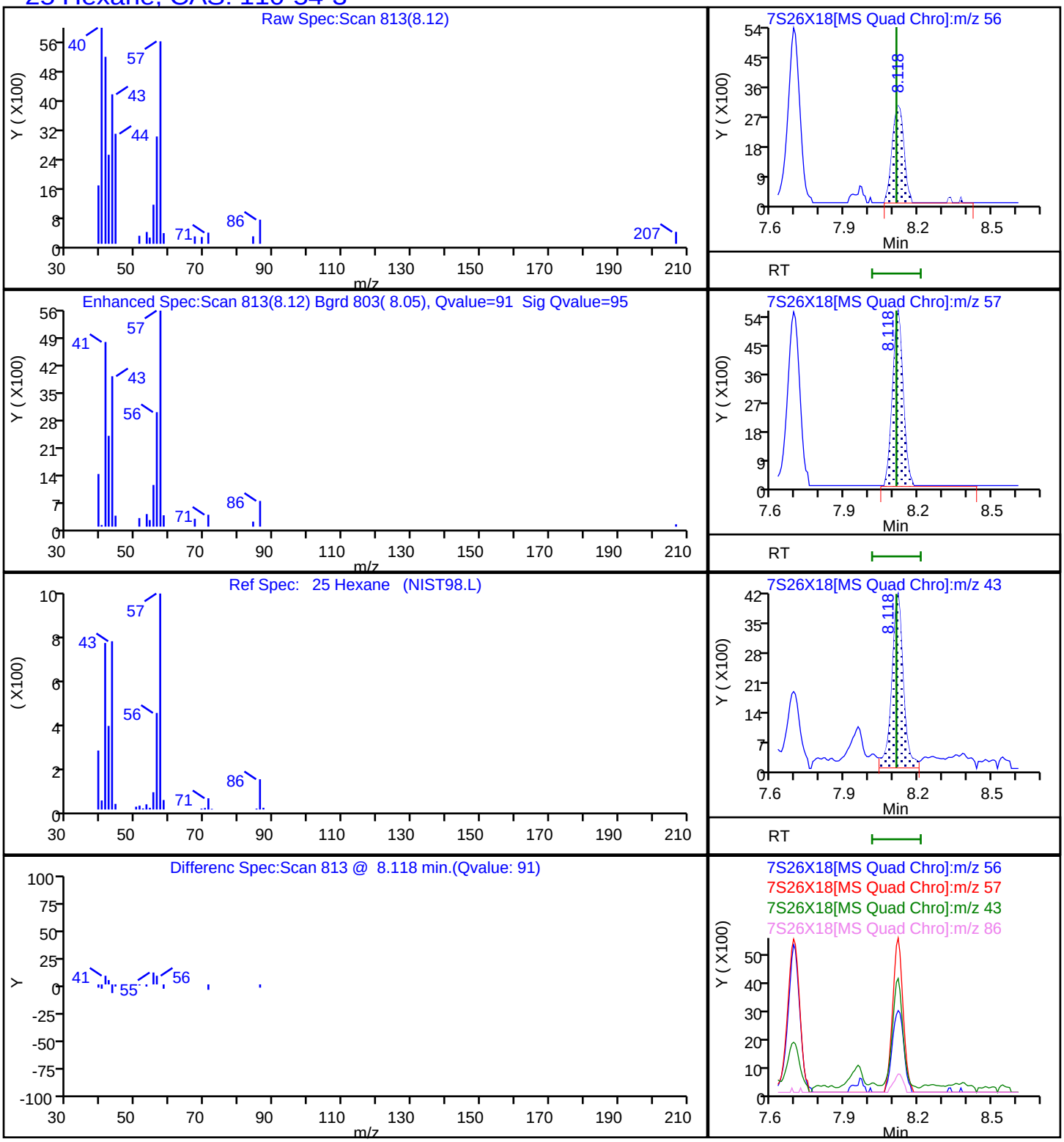
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



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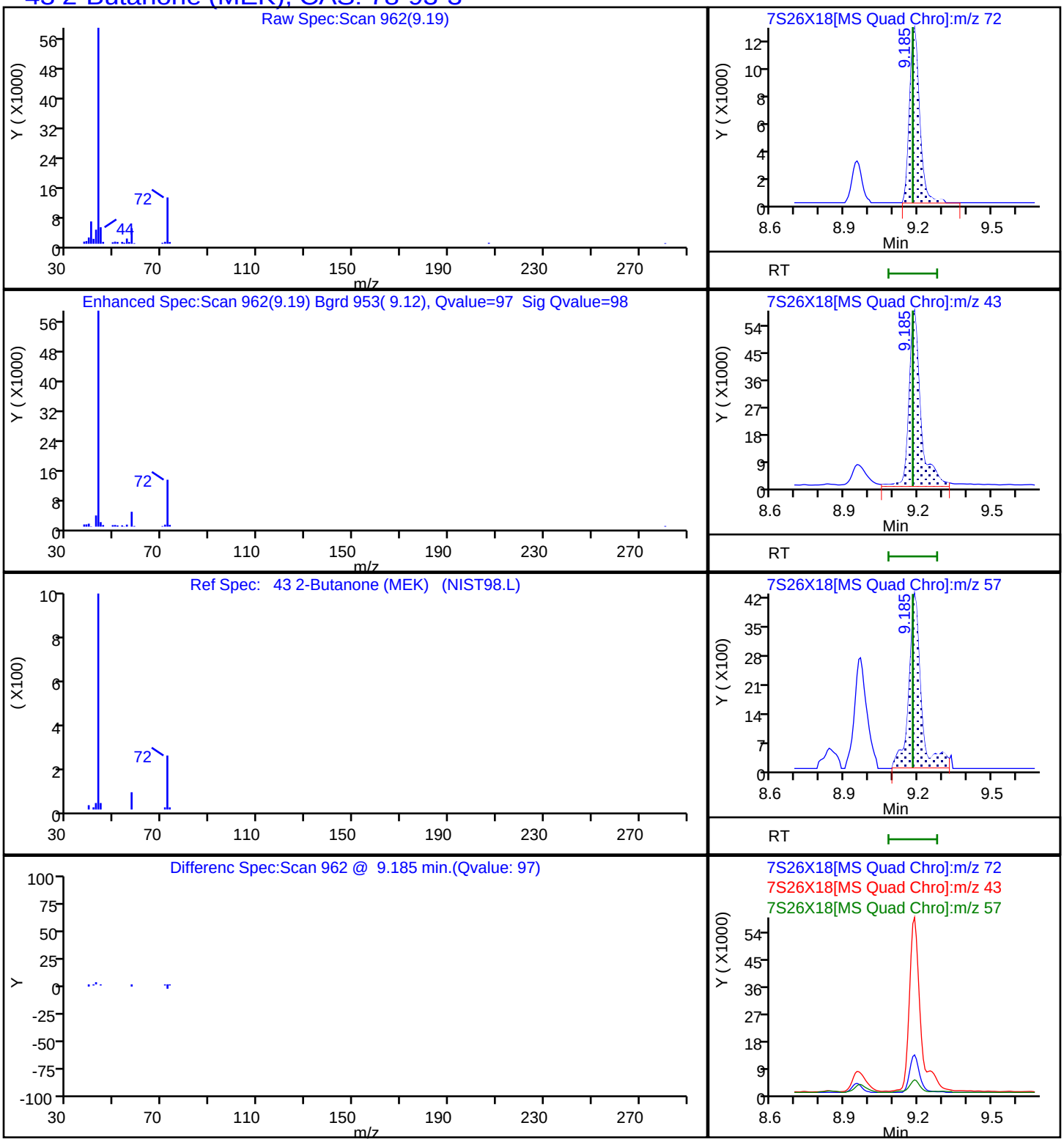
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



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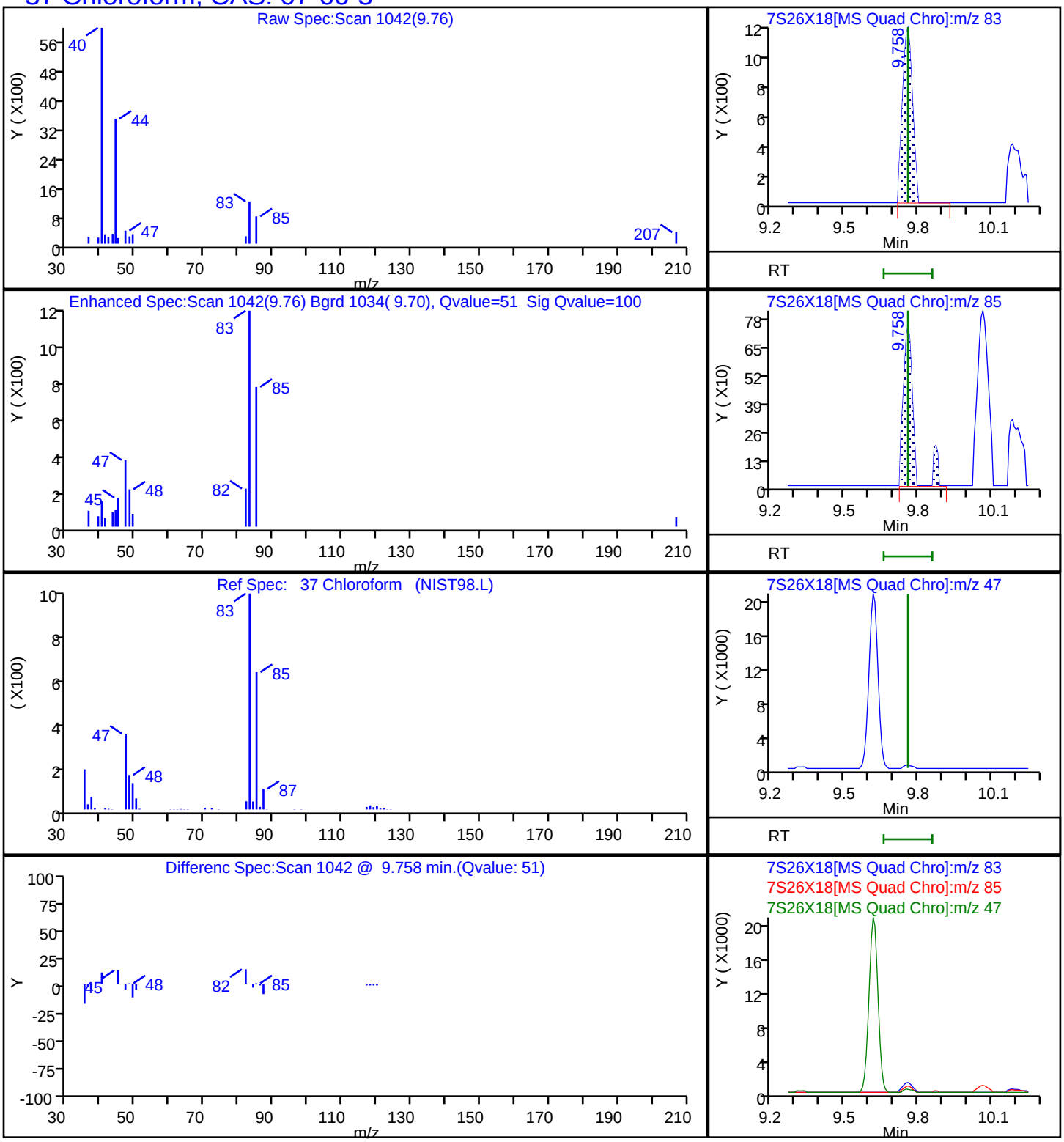
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3



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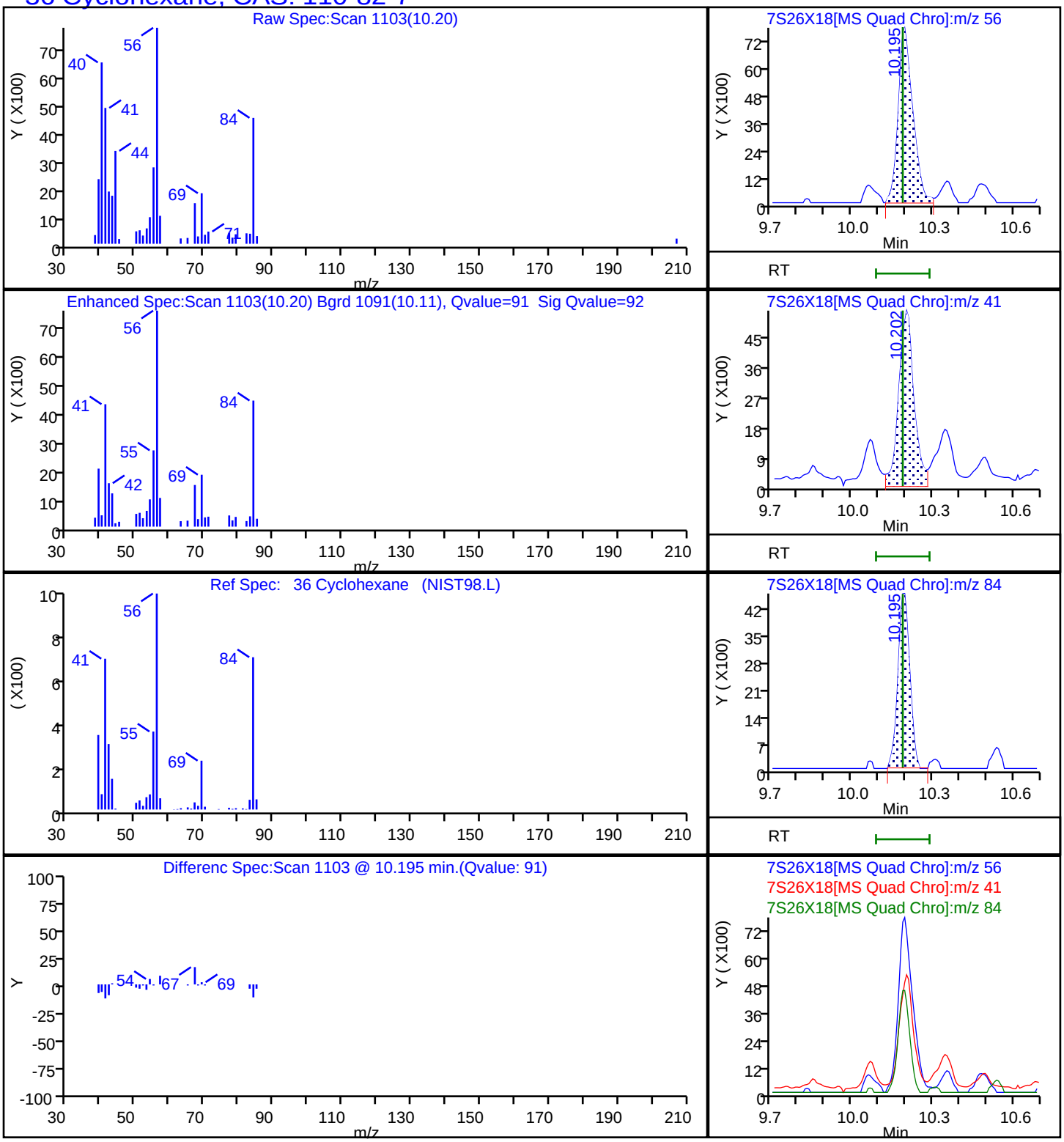
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
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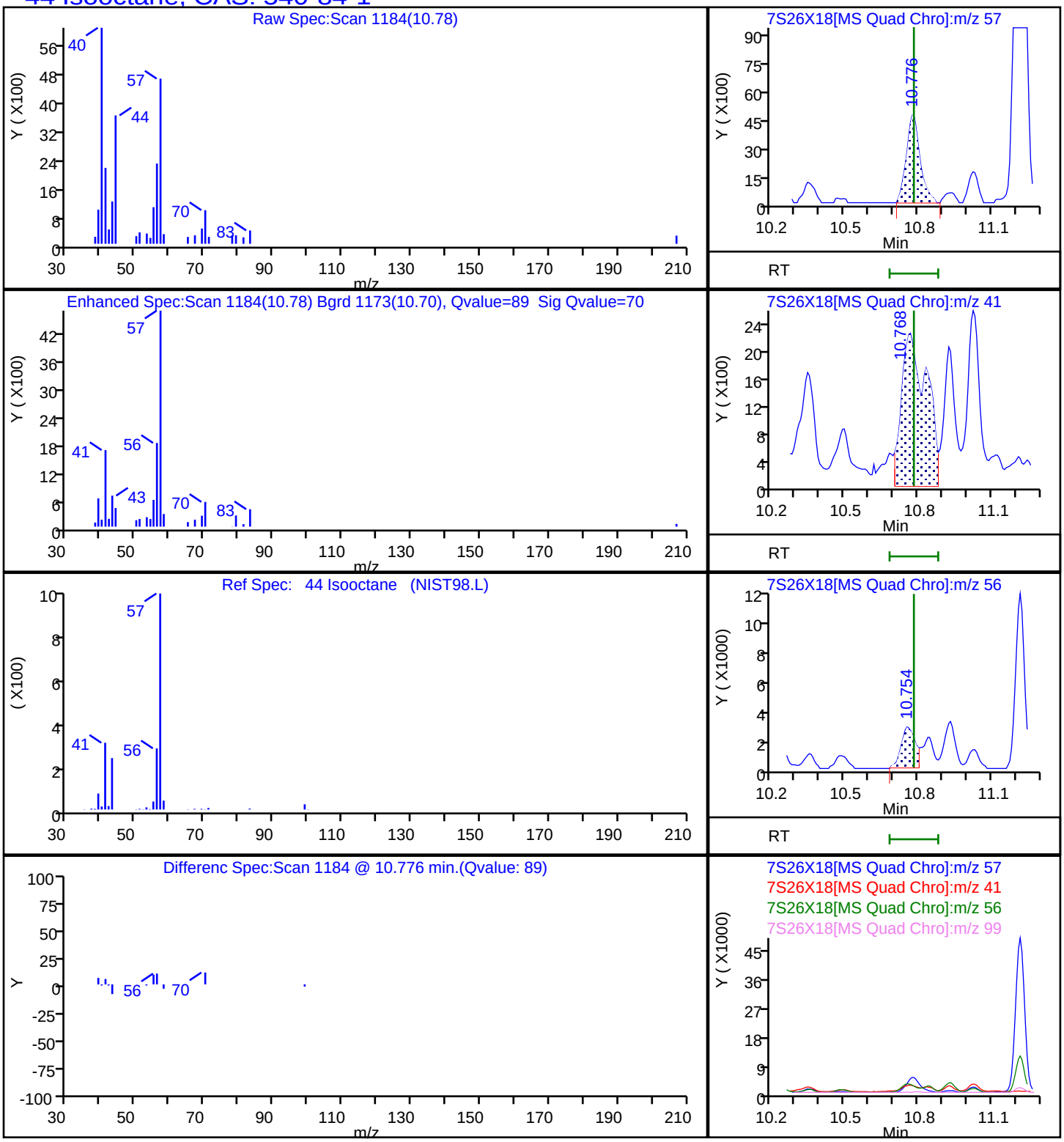
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



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Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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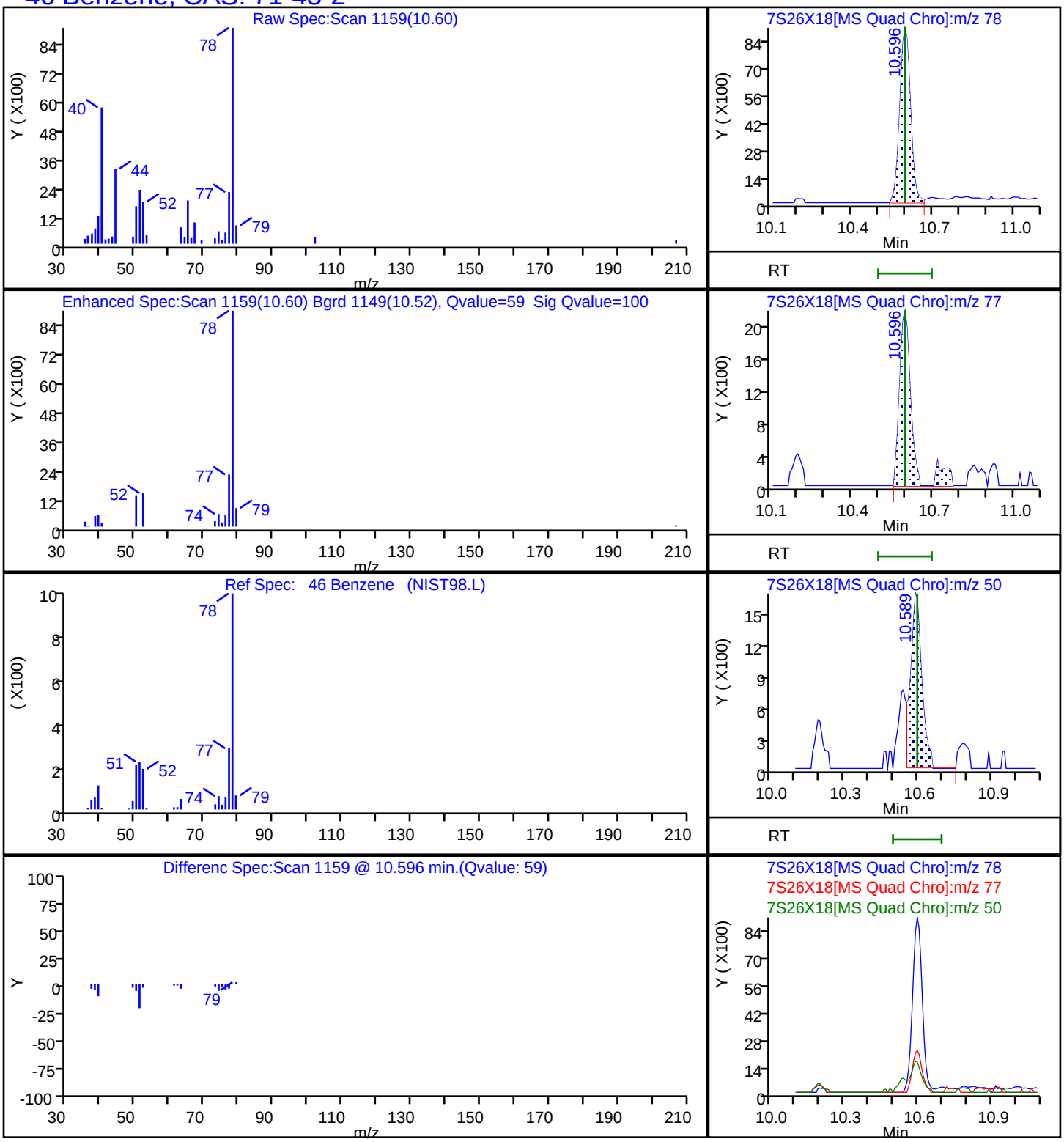
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



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Eurofins Lancaster Laboratories Environment Testing, LLC

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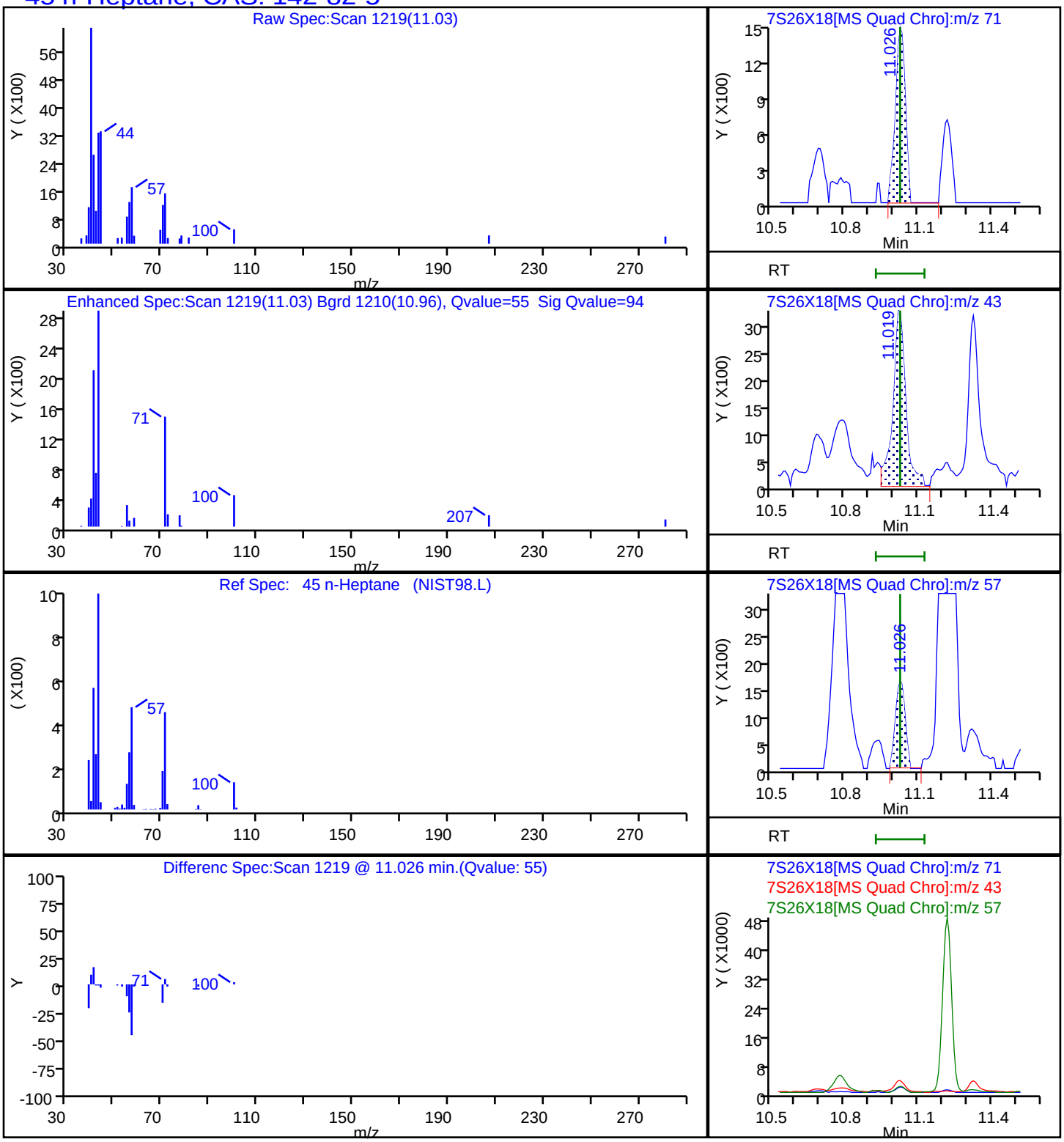
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5



Report Date: 28-Sep-2025 14:48:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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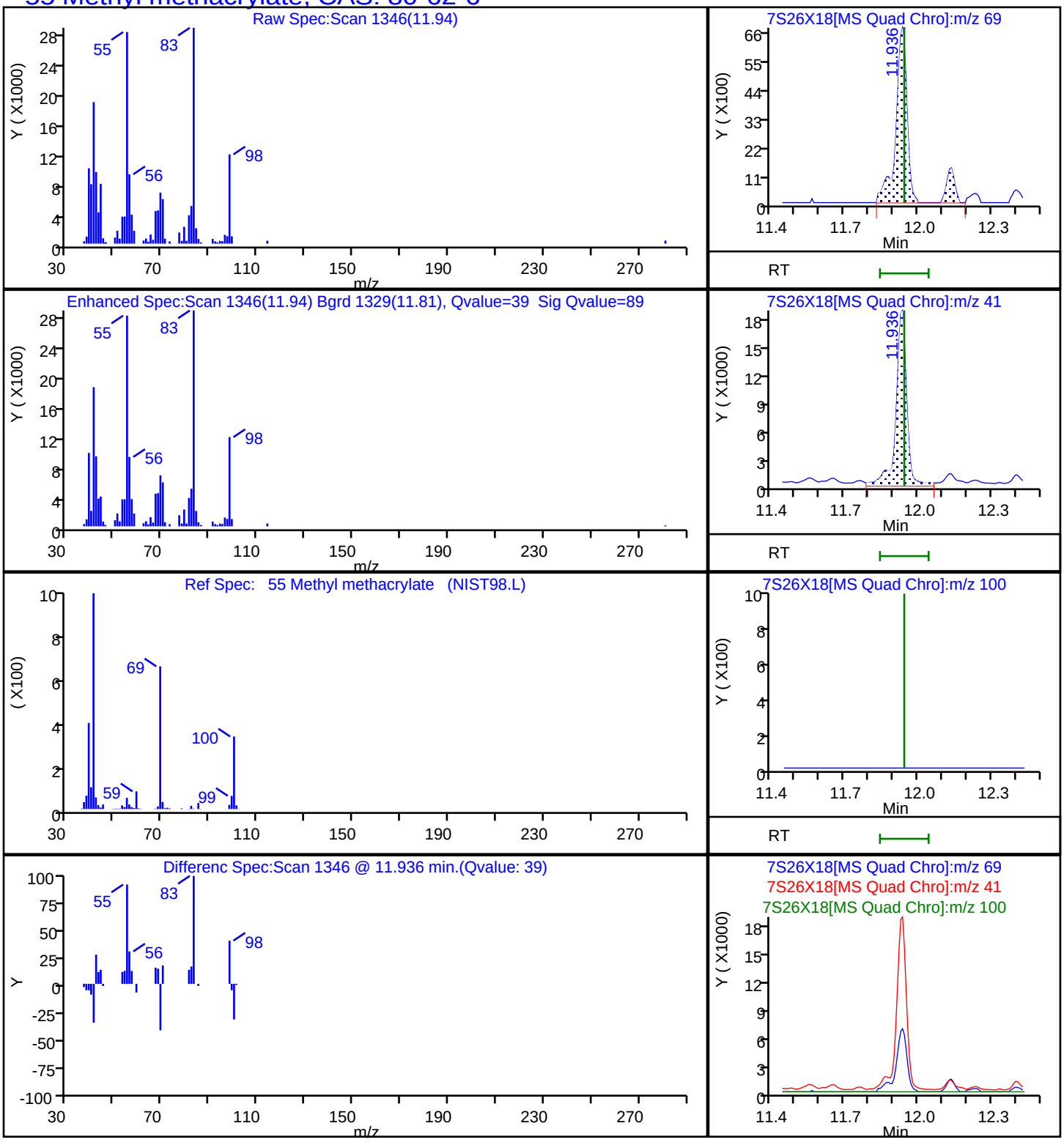
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6



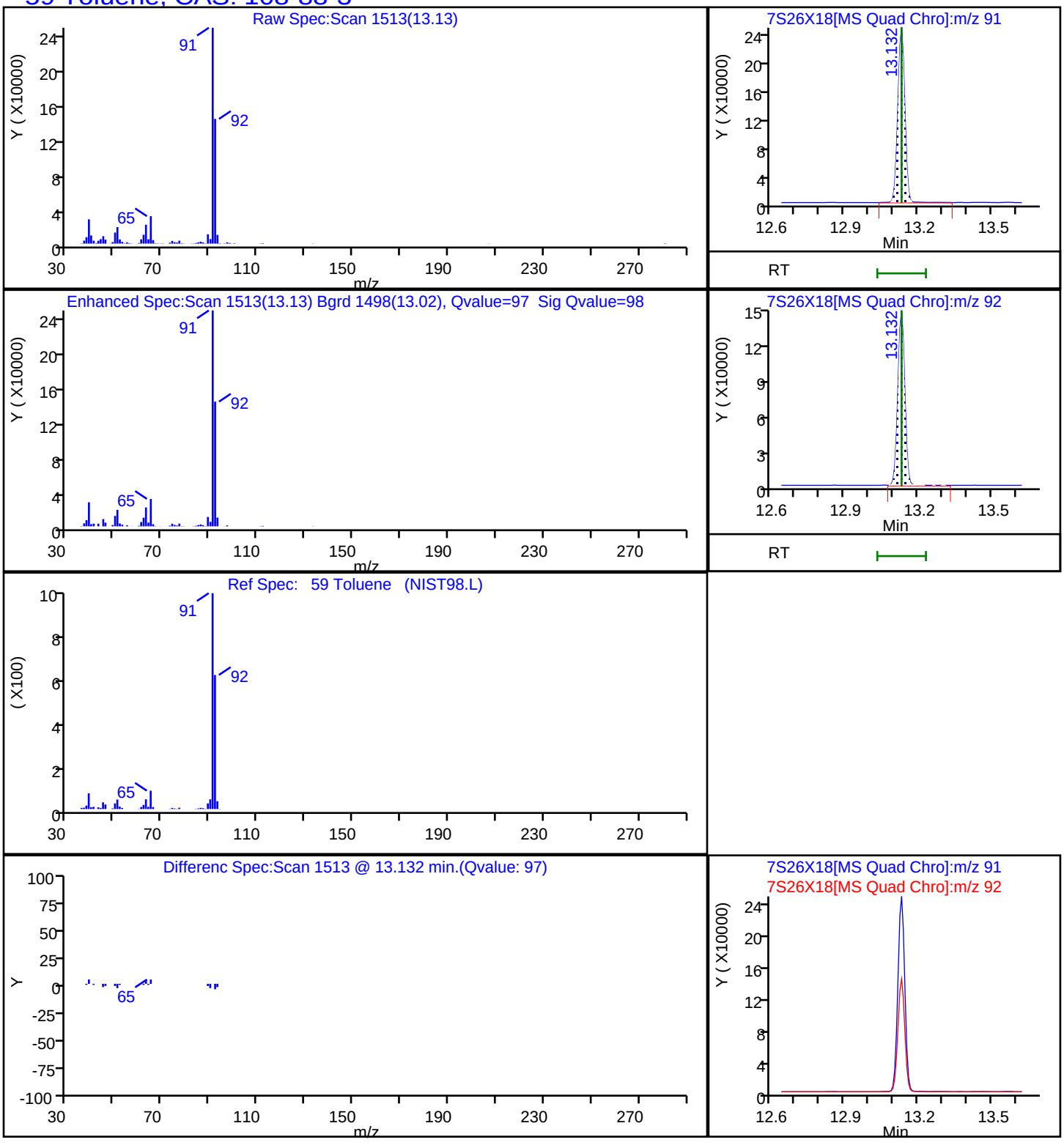



10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

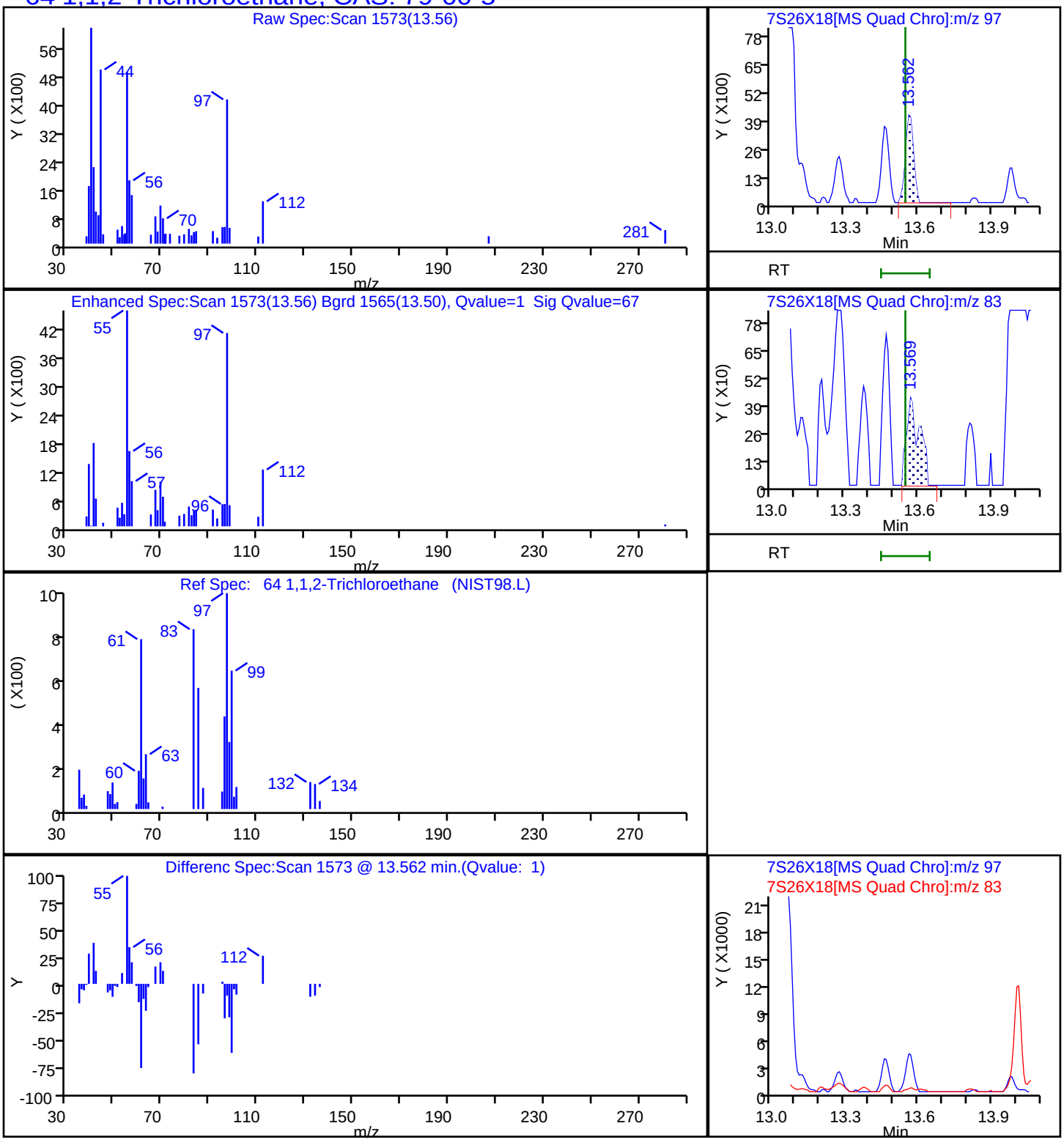
## 59 Toluene, CAS: 108-88-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5



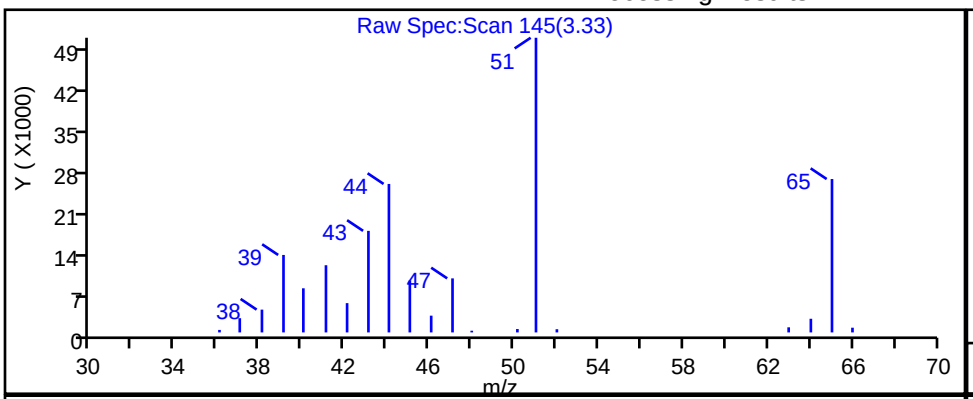
User Disabled Compound Report

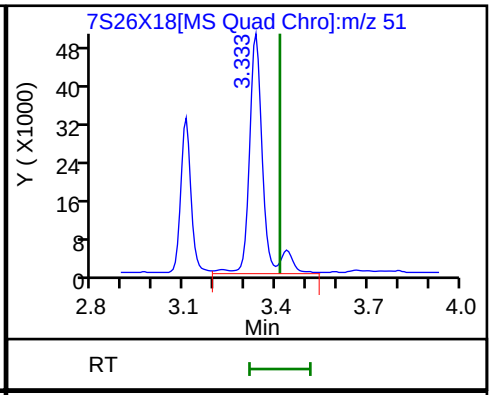
Eurofins Lancaster Laboratories Environment Testing, LLC

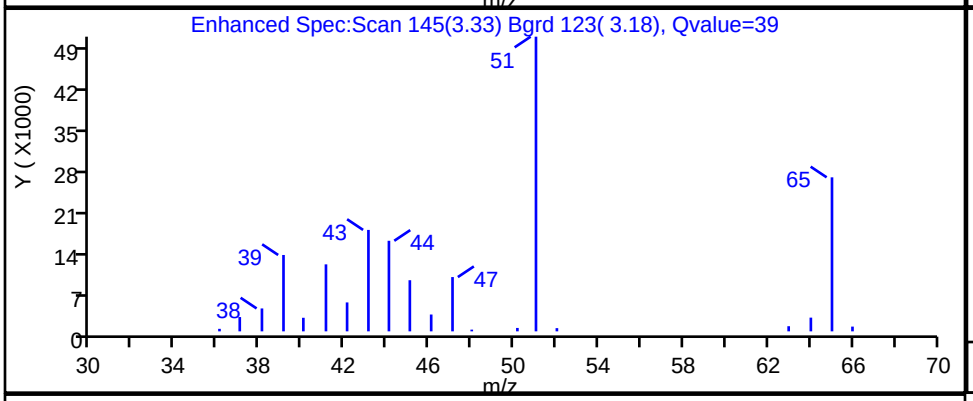
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

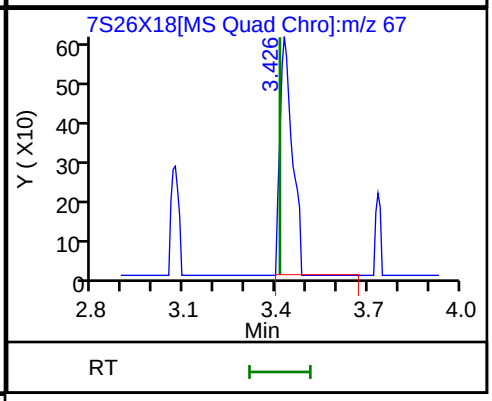
## 3 Chlorodifluoromethane, CAS: 75-45-6

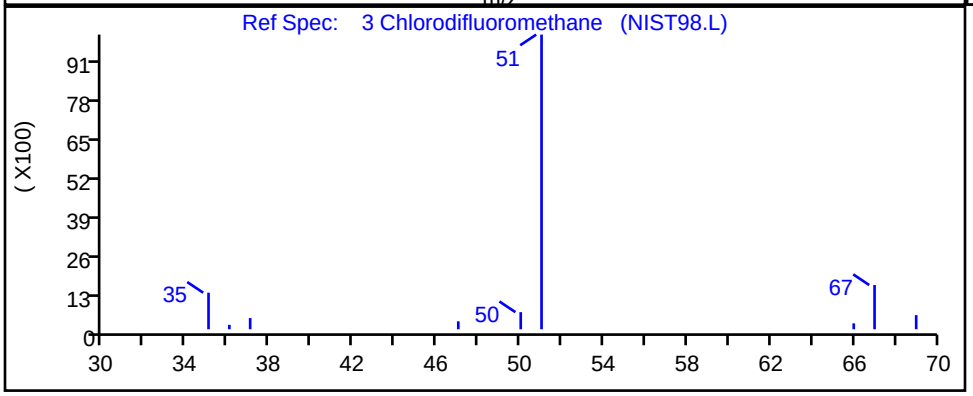
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 51.00 | 154135 | 3.815078 |
| 3.43 | 67.00 | 1736 | |

Reviewer: JXC9, 28-Sep-2025 14:10:19 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

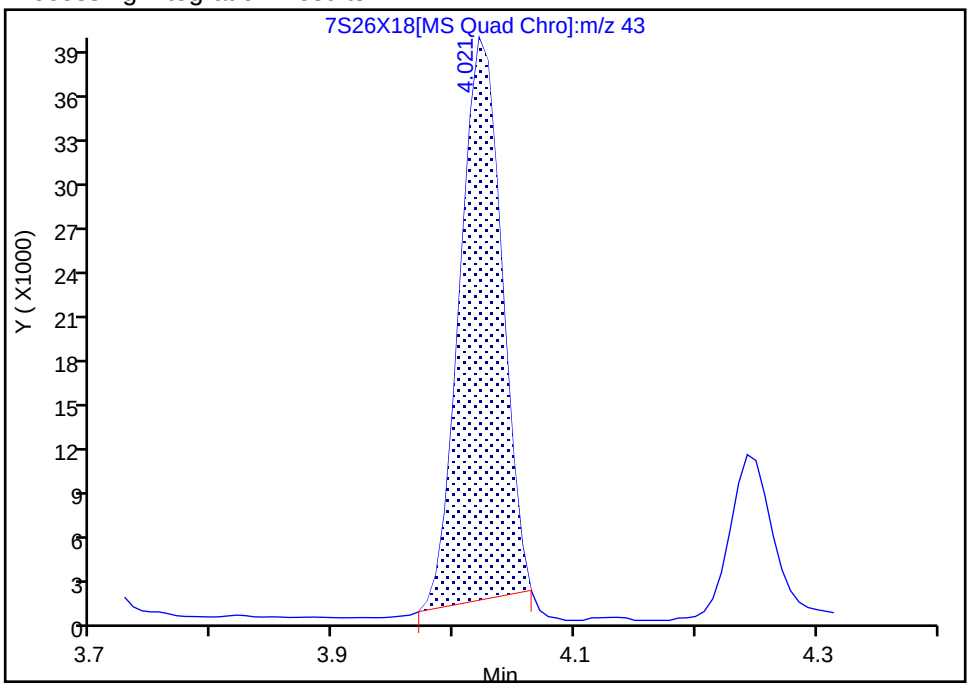
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

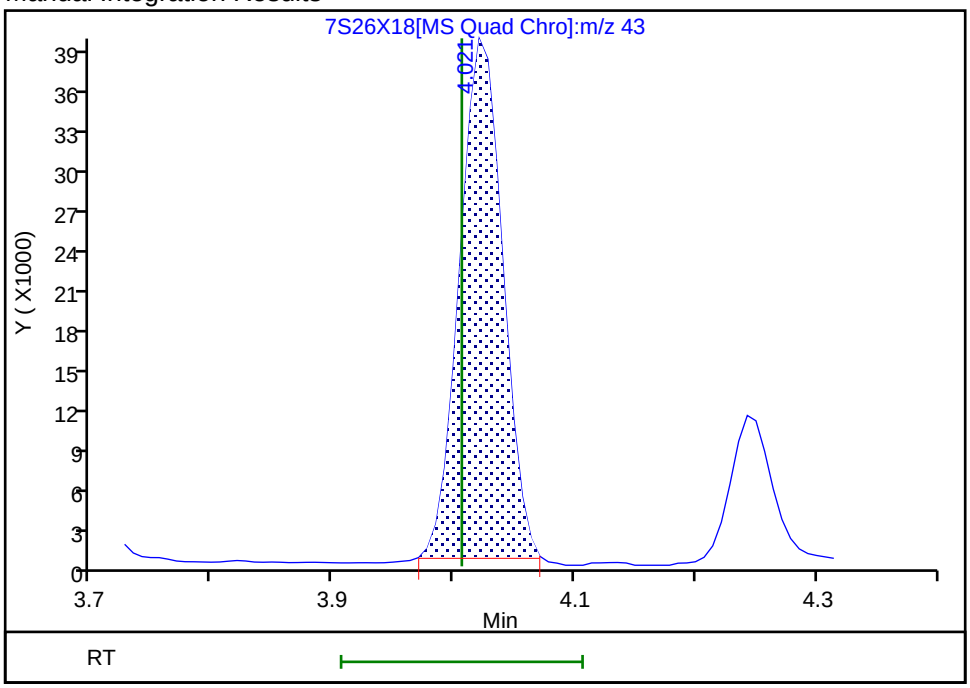
Processing Integration Results

RT: 4.02
Area: 92287
Amount: 1.923921
Amount Units: ppb v/v




Manual Integration Results

RT: 4.02
Area: 96767
Amount: 2.017317
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:10:46 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

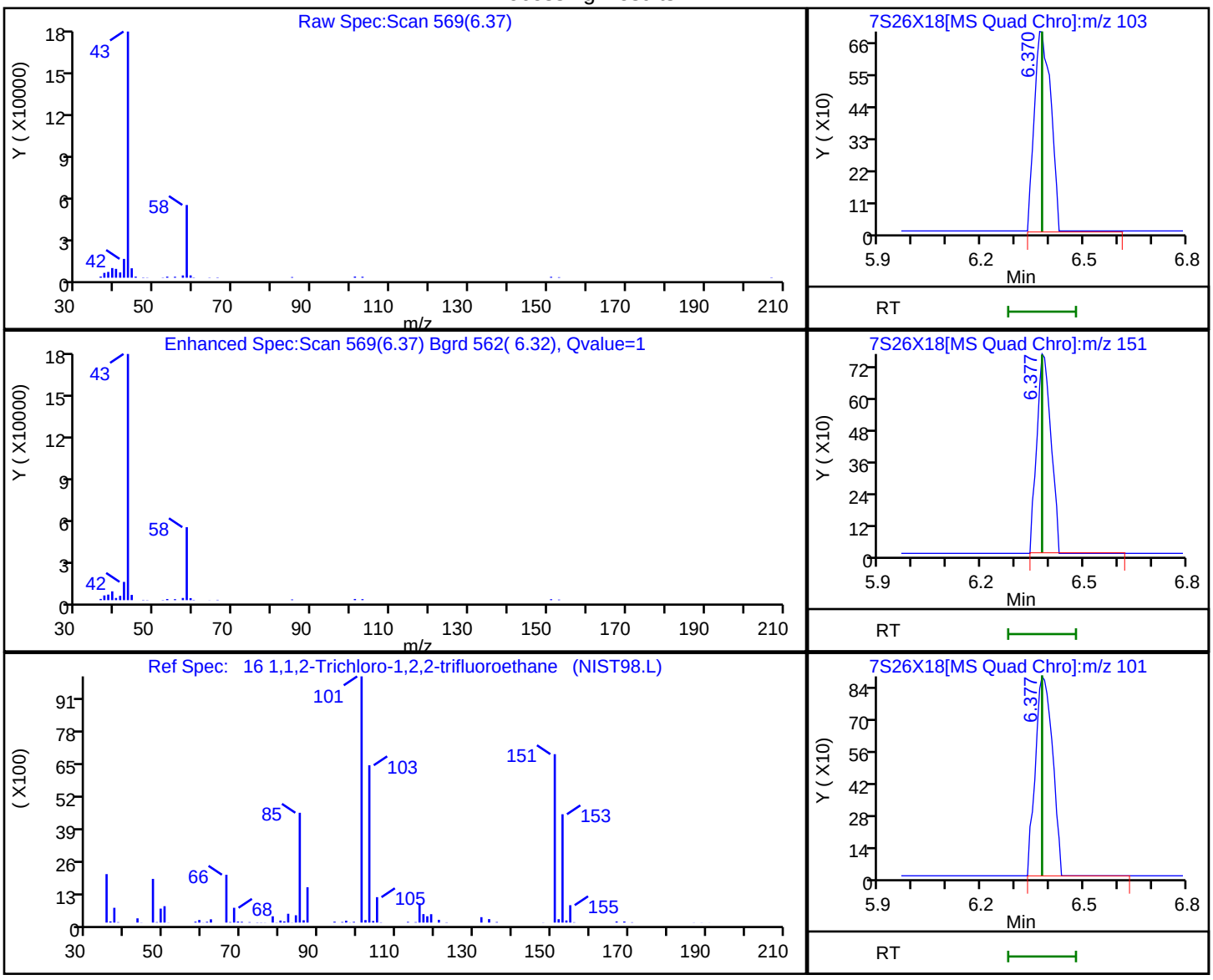
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.37 | 103.00 | 2356 | 0.072666 |
| 6.38 | 151.00 | 2204 | |
| 6.38 | 101.00 | 3080 | |

Reviewer: JXC9, 28-Sep-2025 14:10:57 -04:00:00 (UTC)

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

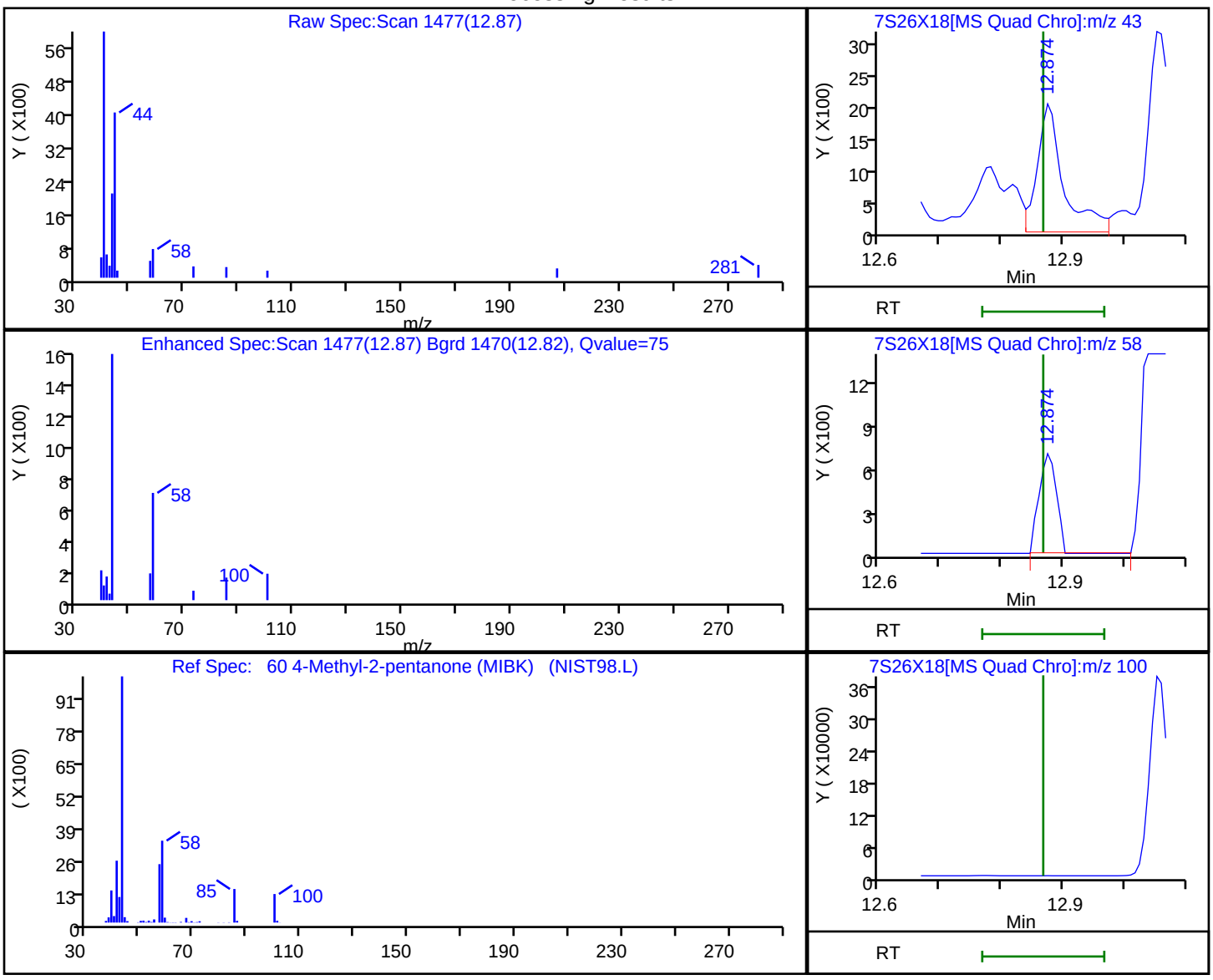
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X18.D | | | | |
| Injection Date: | 26-Sep-2025 17:57:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-1 | Lab Sample ID: | 410-335451-1 | | |
| Client ID: | C241174_RR-IA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 16 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.87 | 43.00 | 5906 | 0.086133 |
| 12.87 | 58.00 | 1375 | |
| 12.87 | 100.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:12:31 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-AA02_MW16D19D_092025
Lab Sample ID: 460-335451-2

Matrix: Air
Lab File ID: 7S26X19.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 12:44

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 18:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 0.89 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 2.3 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.1 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 9.2 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.69 | U | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-AA02_MW16D19D_092025
Lab Sample ID: 460-335451-2

Matrix: Air
Lab File ID: 7S26X19.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 12:44

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 18:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.64 | U | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.75 | U | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_RR-AA02_MW16D19D_092025
Lab Sample ID: 460-335451-2

Matrix: Air
Lab File ID: 7S26X19.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 12:44

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 18:32

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X19.D
Lims ID: 460-335451-A-2
Client ID: C241174_RR-AA02_MW16D19D_092025
Sample Type: Client
Inject. Date: 26-Sep-2025 18:32:29 ALS Bottle#: 17 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-2
Misc. Info.: 410-0161031-020
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:14:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 78 | 31653 | 0.4444 | |
| 3 Chlorodifluoromethane | 51 | 3.433 | 3.412 | 0.021 | 57 | 10153 | 0.2518 | |
| 5 Chloromethane | 50 | 3.791 | 3.770 | 0.021 | 79 | 12701 | 0.4979 | |
| 124 Butane | 43 | 4.021 | 4.020 | 0.015 | 36 | 45571 | 0.9519 | Ma |
| 12 Trichlorofluoromethane | 101 | 5.425 | 5.410 | 0.015 | 71 | 12586 | 0.1939 | |
| 23 Acetone | 43 | 6.384 | 6.377 | 0.007 | 99 | 179628 | 3.88 | |
| 20 Isopropyl alcohol | 45 | 6.607 | 6.592 | 0.015 | 97 | 18616 | 0.5429 | |
| 22 Methylene Chloride | 84 | 7.201 | 7.194 | 0.007 | 77 | 3650 | 0.1485 | |
| 43 2-Butanone (MEK) | 72 | 9.200 | 9.178 | 0.022 | 95 | 1508 | 0.1145 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 311803 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1068790 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1031668 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

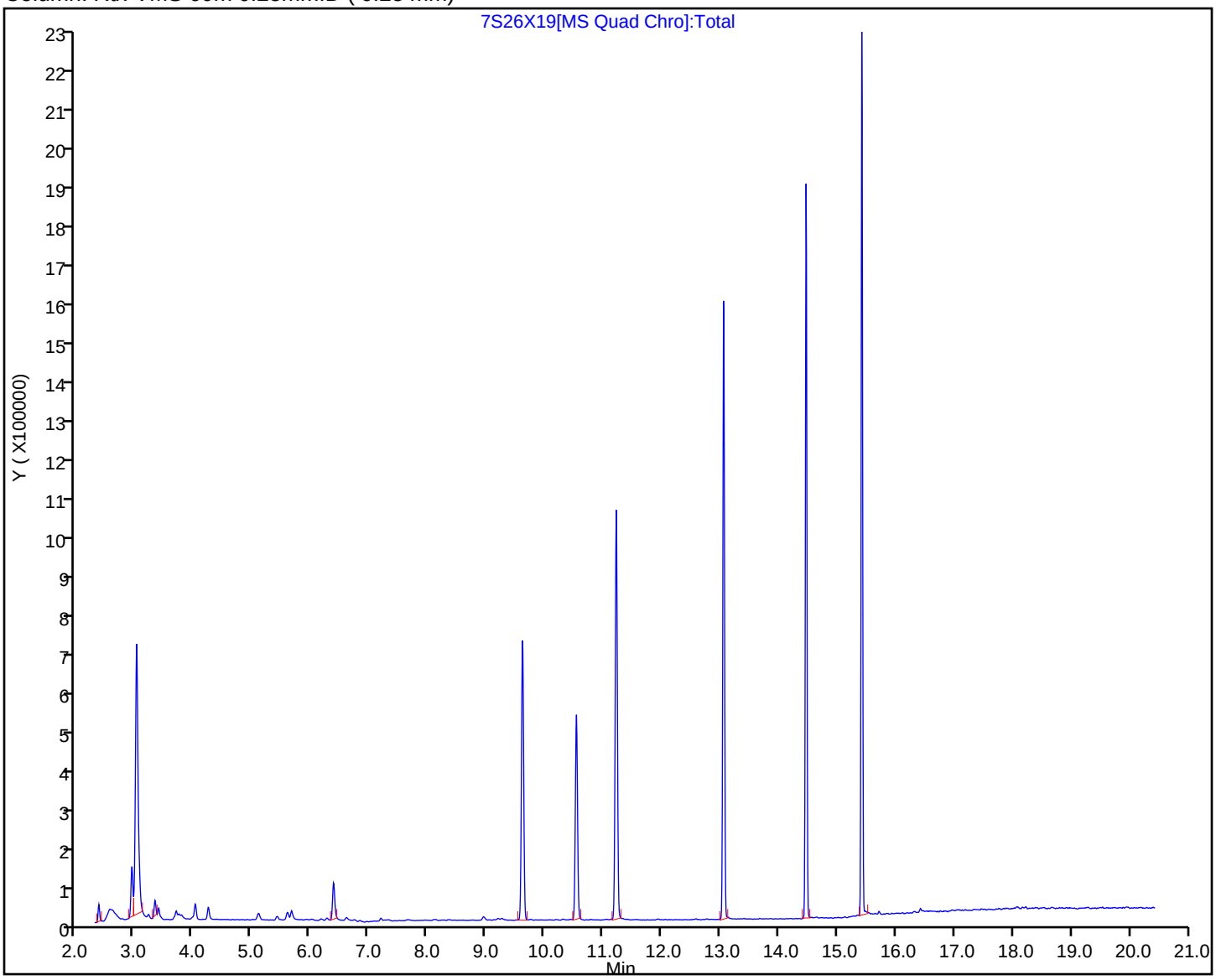
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X19.D | | | | |
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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






10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

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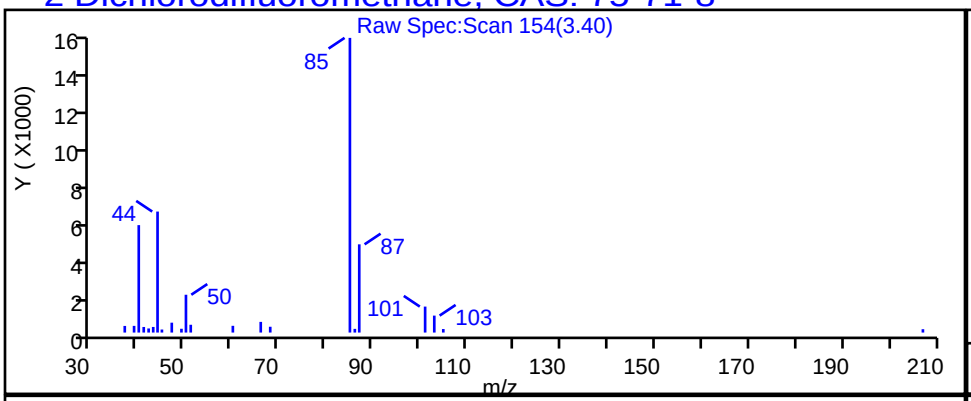
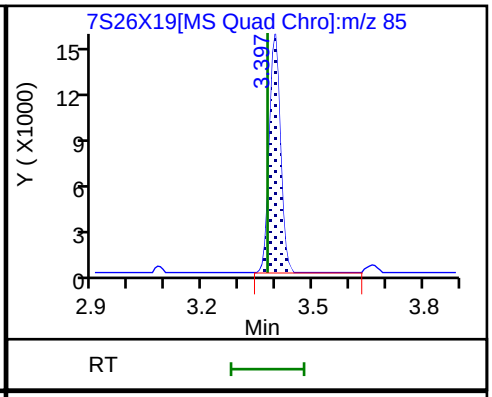
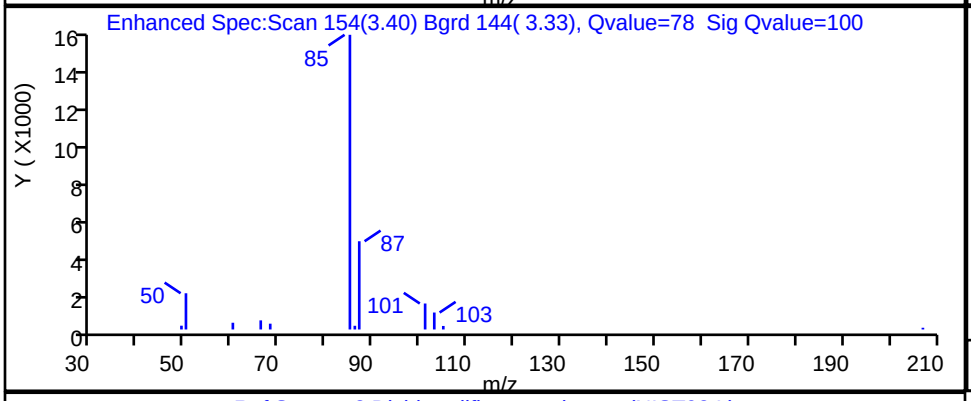
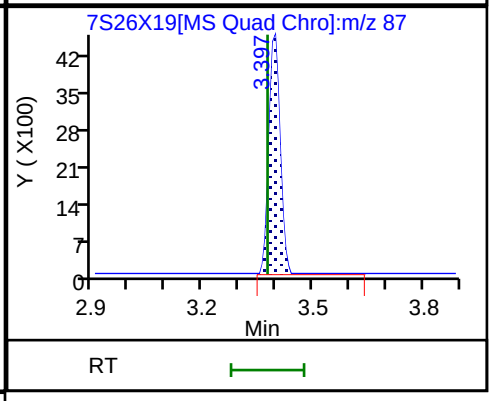
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

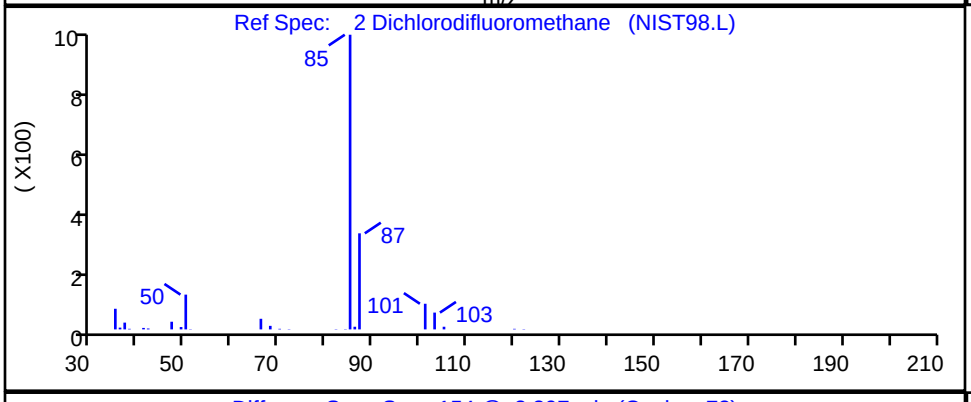
## 2 Dichlorodifluoromethane, CAS: 75-71-8

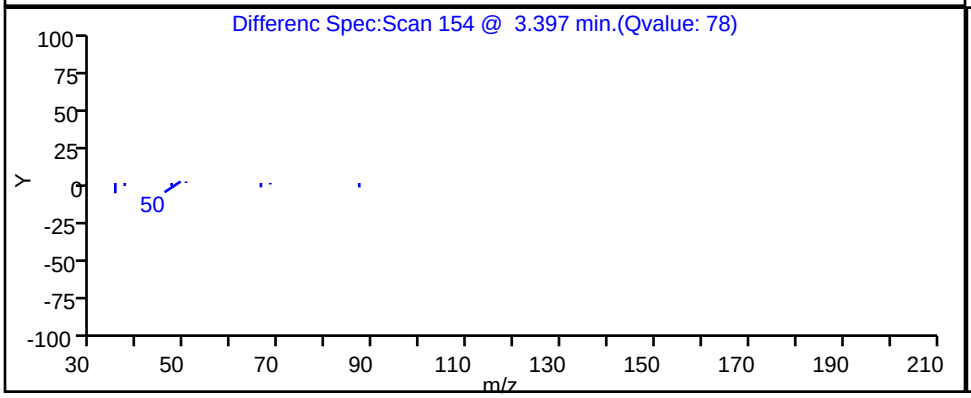


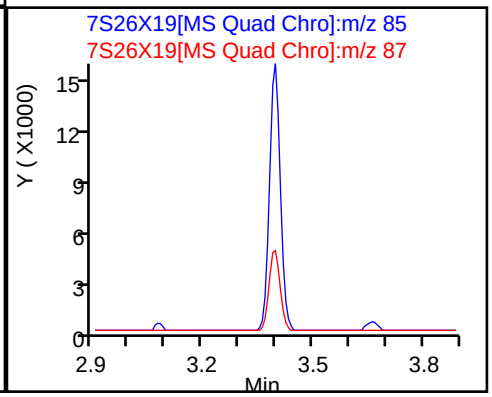



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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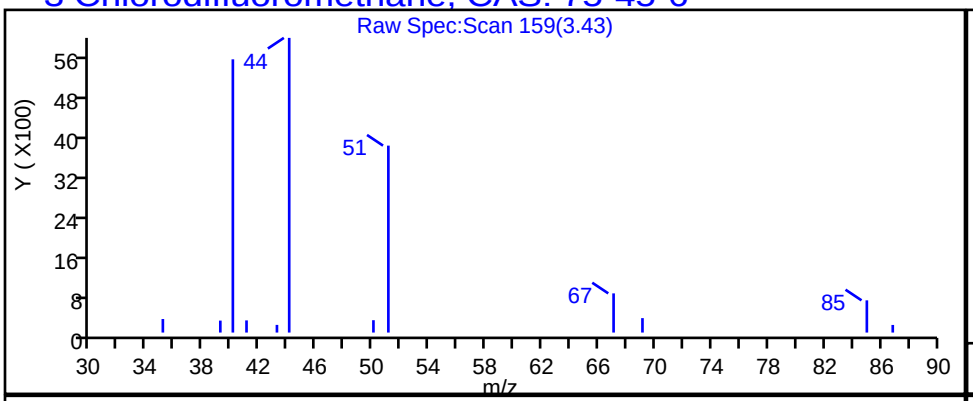
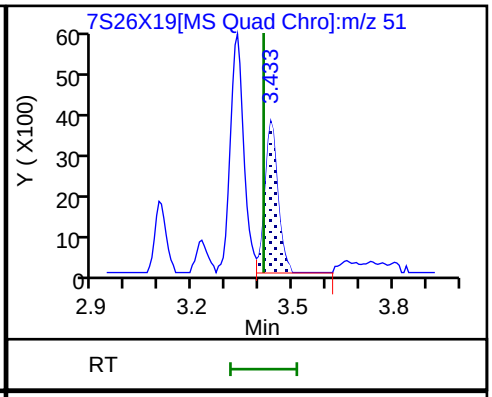
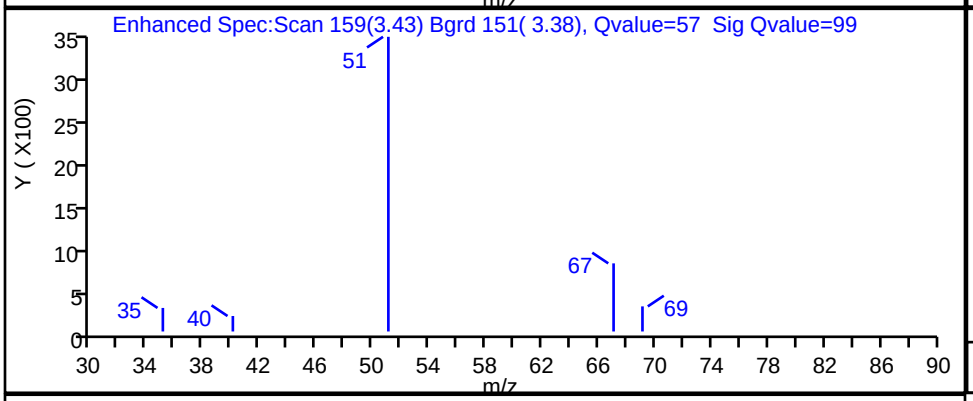
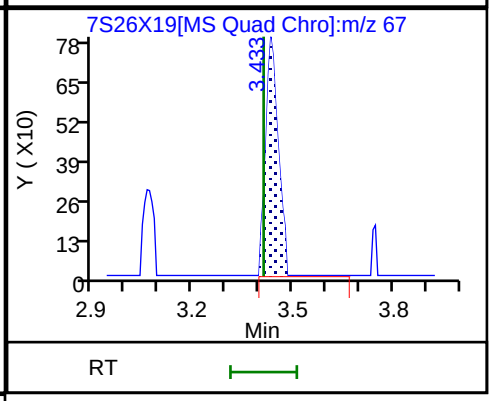
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

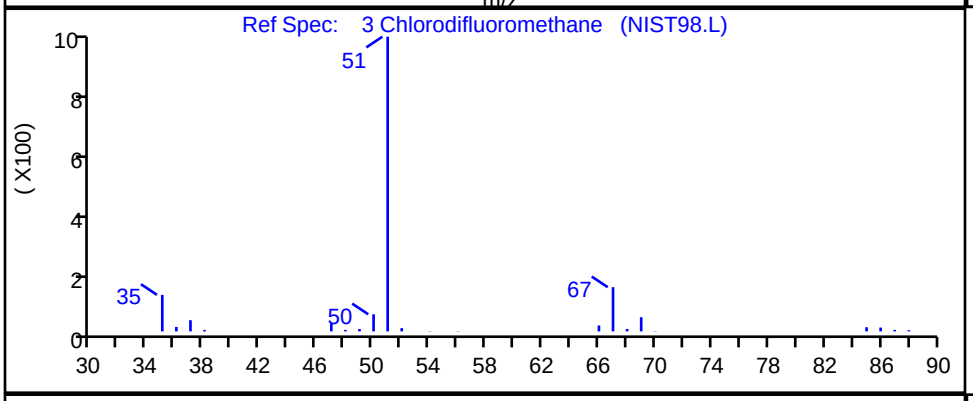
## 3 Chlorodifluoromethane, CAS: 75-45-6

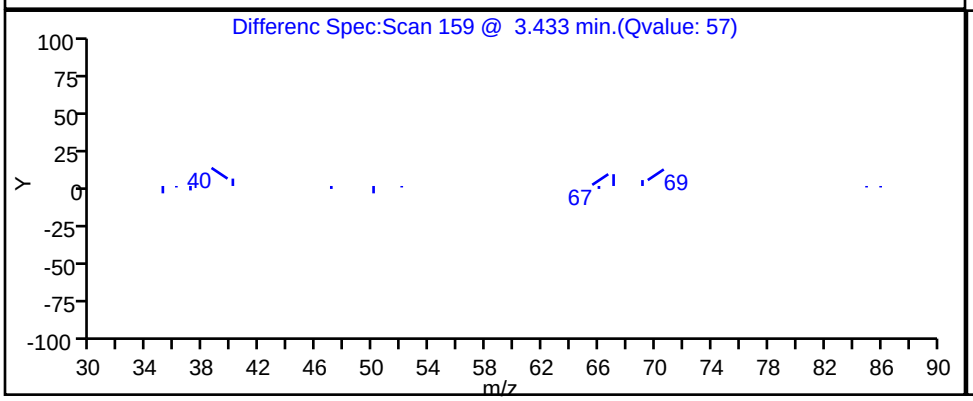


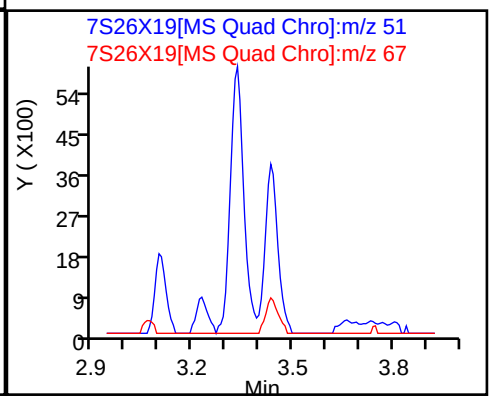



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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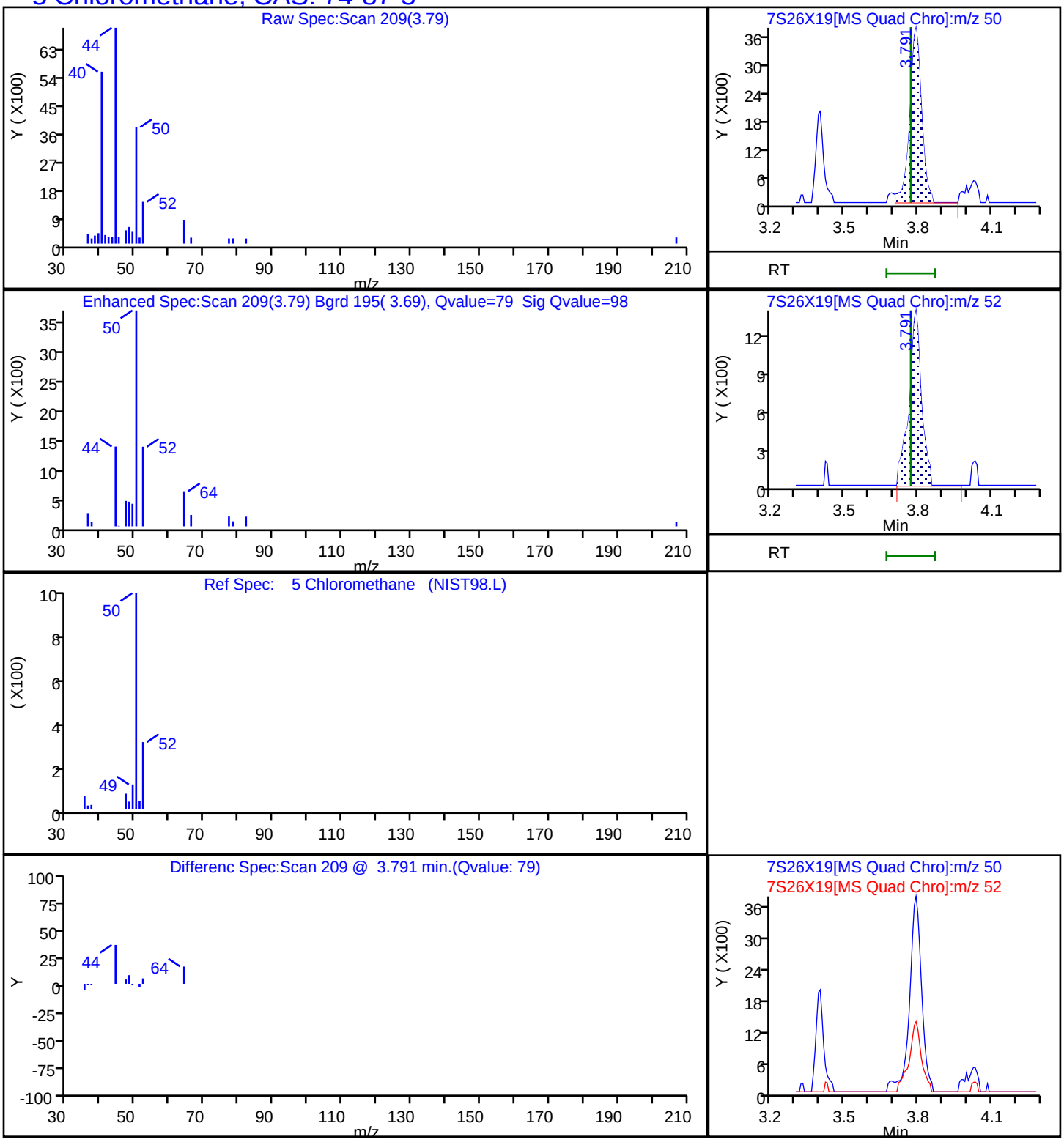
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X19.D | | | | |
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3



Report Date: 28-Sep-2025 14:48:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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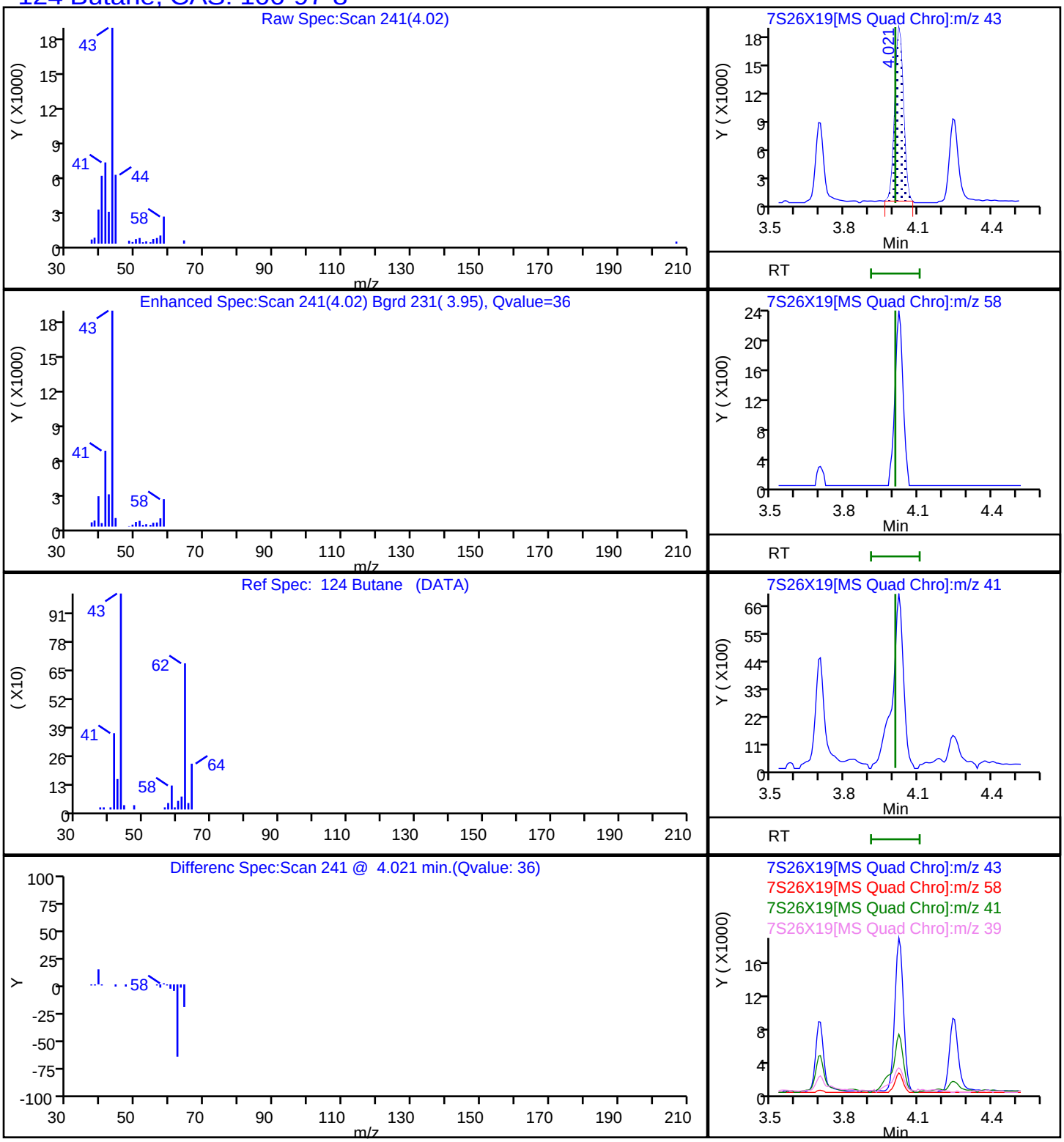
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8



Report Date: 28-Sep-2025 14:48:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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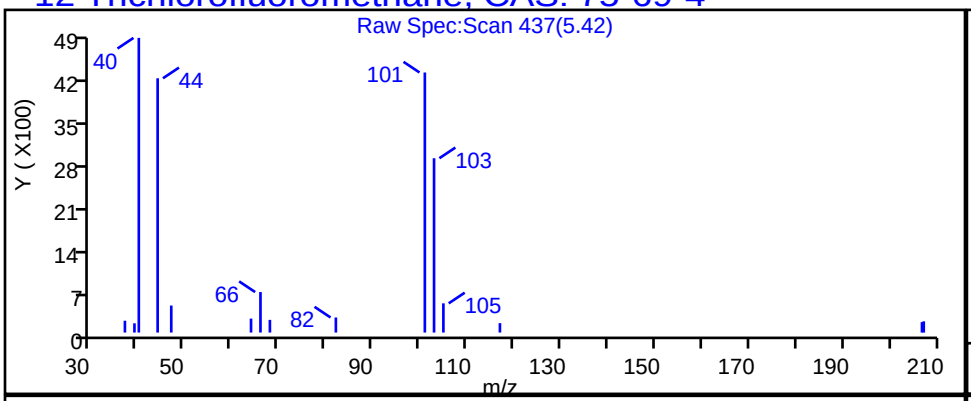
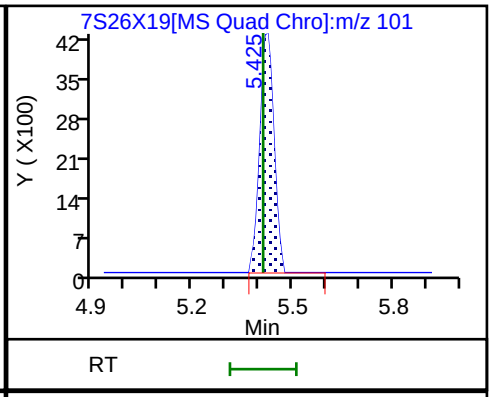
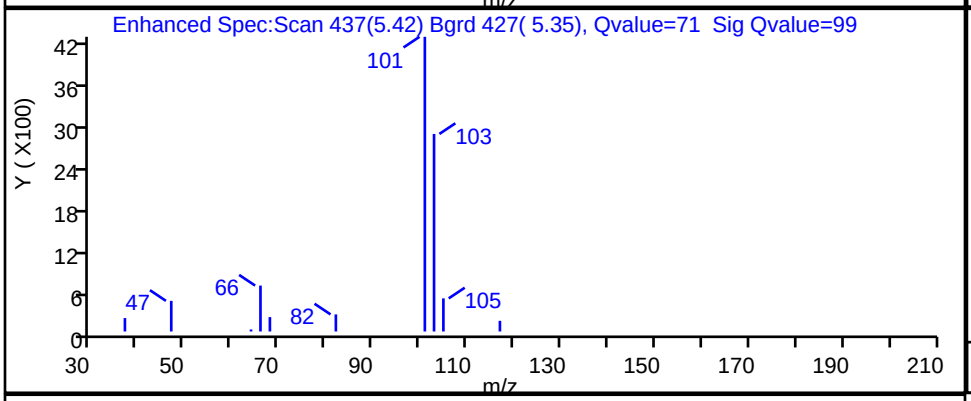
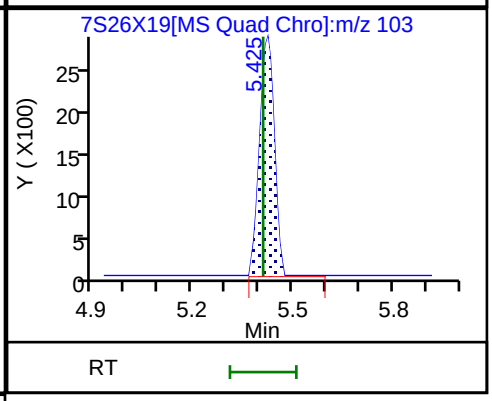
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

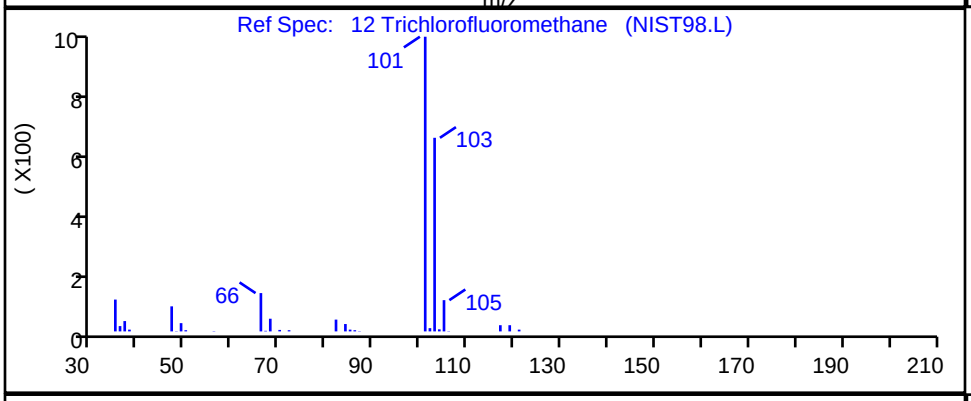
## 12 Trichlorofluoromethane, CAS: 75-69-4

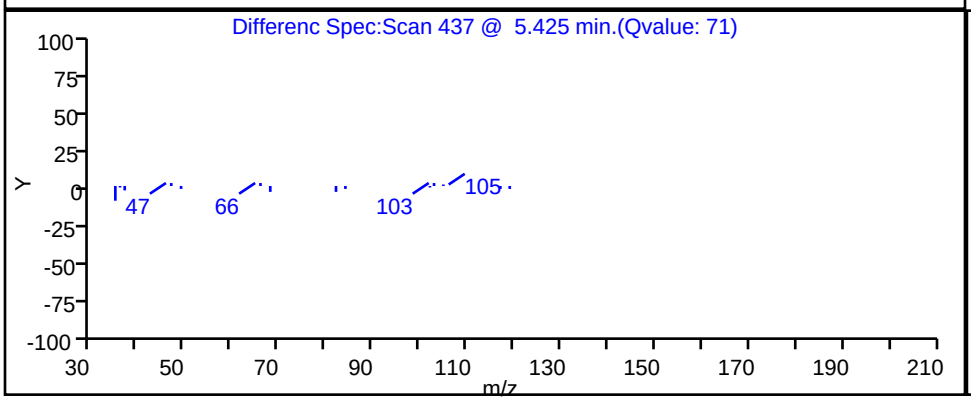


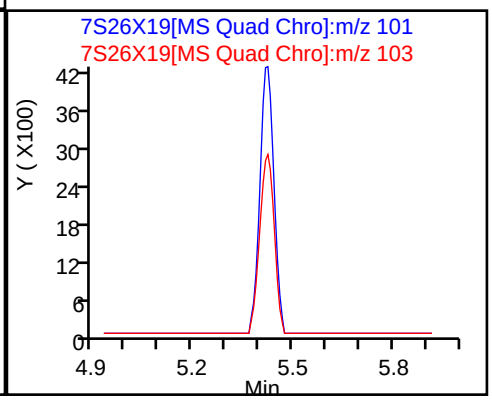



Report Date: 28-Sep-2025 14:48:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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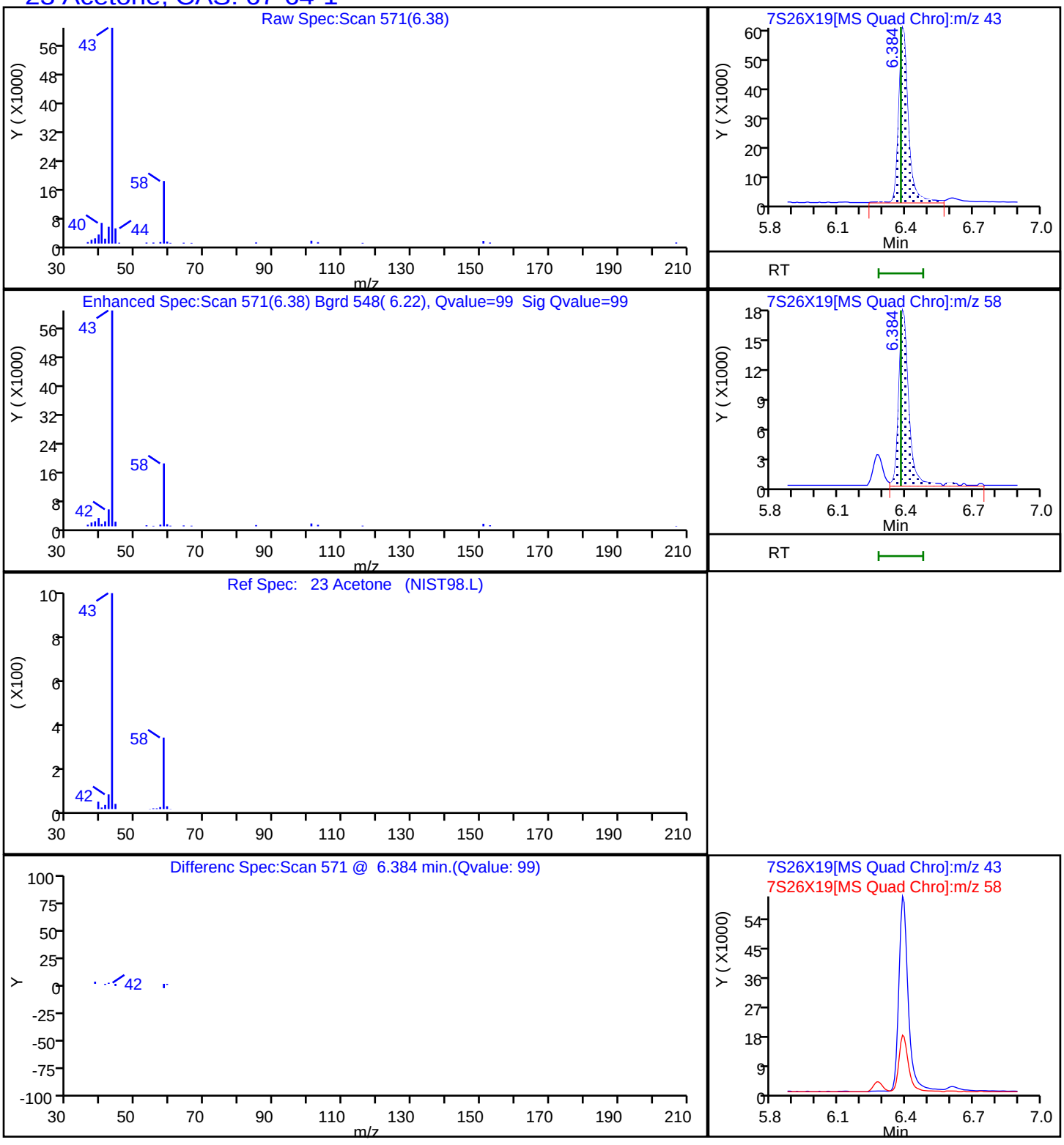
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X19.D | | | | |
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1






10/16/2025
9:18:09 AM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

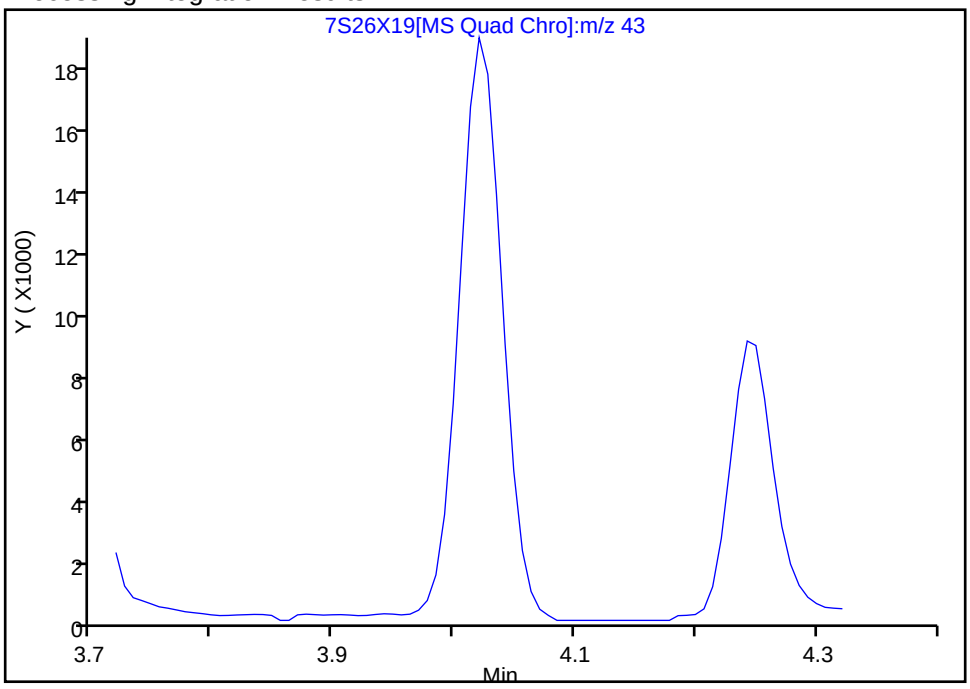
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X19.D | | | | |
| Injection Date: | 26-Sep-2025 18:32:29 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-2 | Lab Sample ID: | 410-335451-2 | | |
| Client ID: | C241174_RR-AA02_MW16D19D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 17 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

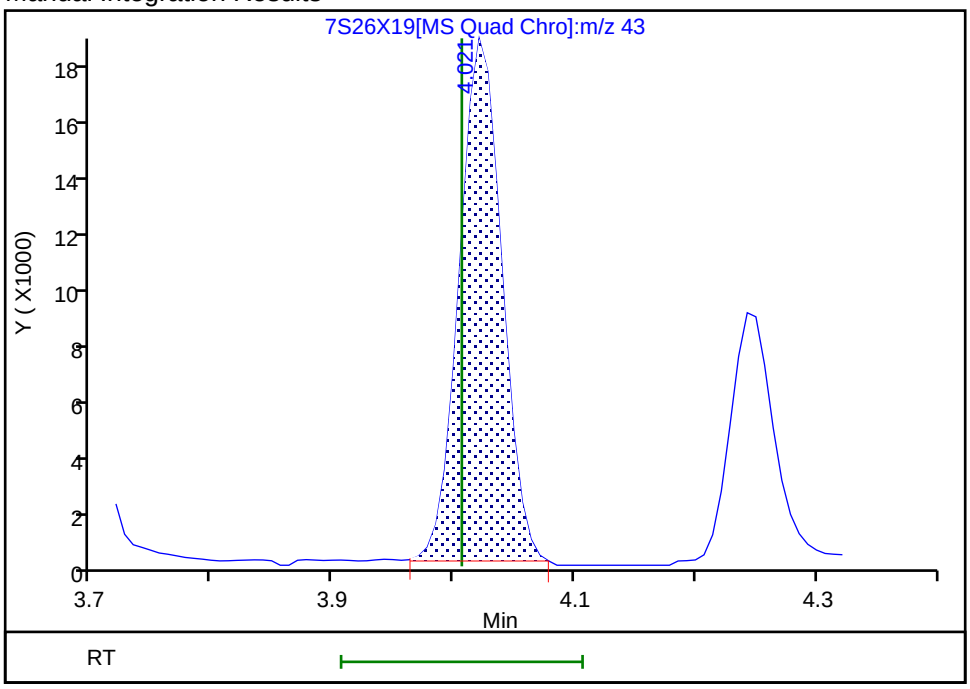
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.02
Area: 45571
Amount: 0.951884
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:13:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW30D_092125
Lab Sample ID: 460-335451-3

Matrix: Air
Lab File ID: 7S26X20.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:35

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:06

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.2 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 6.7 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.55 | J | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-63-0 | Isopropyl alcohol | 7.5 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 34 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 3.4 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 5.1 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 3.2 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.49 | J | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.40 | J | 0.93 | 0.18 |
| 71-43-2 | Benzene | 0.33 | J | 0.64 | 0.14 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW30D_092125
Lab Sample ID: 460-335451-3

Matrix: Air
Lab File ID: 7S26X20.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:35

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:06

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.95 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 3.1 | | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.92 | J | 2.1 | 0.53 |
| 108-88-3 | Toluene | 12 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.75 | J | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 1.8 | | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 7.2 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 2.1 | | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 9.3 | | 2.2 | 0.061 |
| 100-42-5 | Styrene | 2.0 | | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.99 | | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW30D_092125
Lab Sample ID: 460-335451-3

Matrix: Air
Lab File ID: 7S26X20.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:35

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:06

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.1 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D
Lims ID: 460-335451-A-3
Client ID: C241174_PLR-IA03_MW30D_092125
Sample Type: Client
Inject. Date: 26-Sep-2025 19:06:49 ALS Bottle#: 18 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-3
Misc. Info.: 410-0161031-021
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:16:05

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 71 | 31934 | 0.4465 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 96 | 14305 | 0.5585 | |
| 124 Butane | 43 | 4.006 | 4.020 | 0.000 | 50 | 135941 | 2.83 | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.410 | -0.007 | 84 | 13771 | 0.2113 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.377 | -0.007 | 1 | 2324 | 0.0715 | |
| 23 Acetone | 43 | 6.363 | 6.377 | -0.014 | 99 | 2793419 | 60.0 | E |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 97 | 105683 | 3.07 | |
| 17 Carbon disulfide | 76 | 6.750 | 6.757 | -0.007 | 61 | 6746 | 0.0723 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.194 | -0.007 | 93 | 240986 | 9.77 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.294 | -0.007 | 77 | 7183 | 0.2515 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 91 | 23041 | 0.9530 | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 98 | 23040 | 1.74 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.242 | 9.243 | -0.001 | 1 | 43165 | 0.8115 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 313091 | 10.0 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 64 | 6382 | 0.1428 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 30 | 9166 | 0.1028 | |
| 44 Isooctane | 57 | 10.775 | 10.783 | -0.008 | 66 | 11726 | 0.0859 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 71 | 6249 | 0.2317 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1103005 | 10.0 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 21332 | 0.7573 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 89 | 15496 | 0.2256 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 92 | 358718 | 3.29 | |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 88 | 12121 | 0.1824 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 90 | 1059330 | 10.0 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 94 | 54007 | 0.4101 | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 161501 | 1.65 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 93 | 47586 | 0.4899 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 85 | 33236 | 0.4710 | |
| 76 Isopropylbenzene | 105 | 15.288 | 15.267 | 0.021 | 46 | 24503 | 0.2014 | |
| 86 1,2,4-Trimethylbenzene | 105 | 16.004 | 15.983 | 0.021 | 54 | 22914 | 0.2228 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 209087 | 0 | |

## QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

## Reagents:

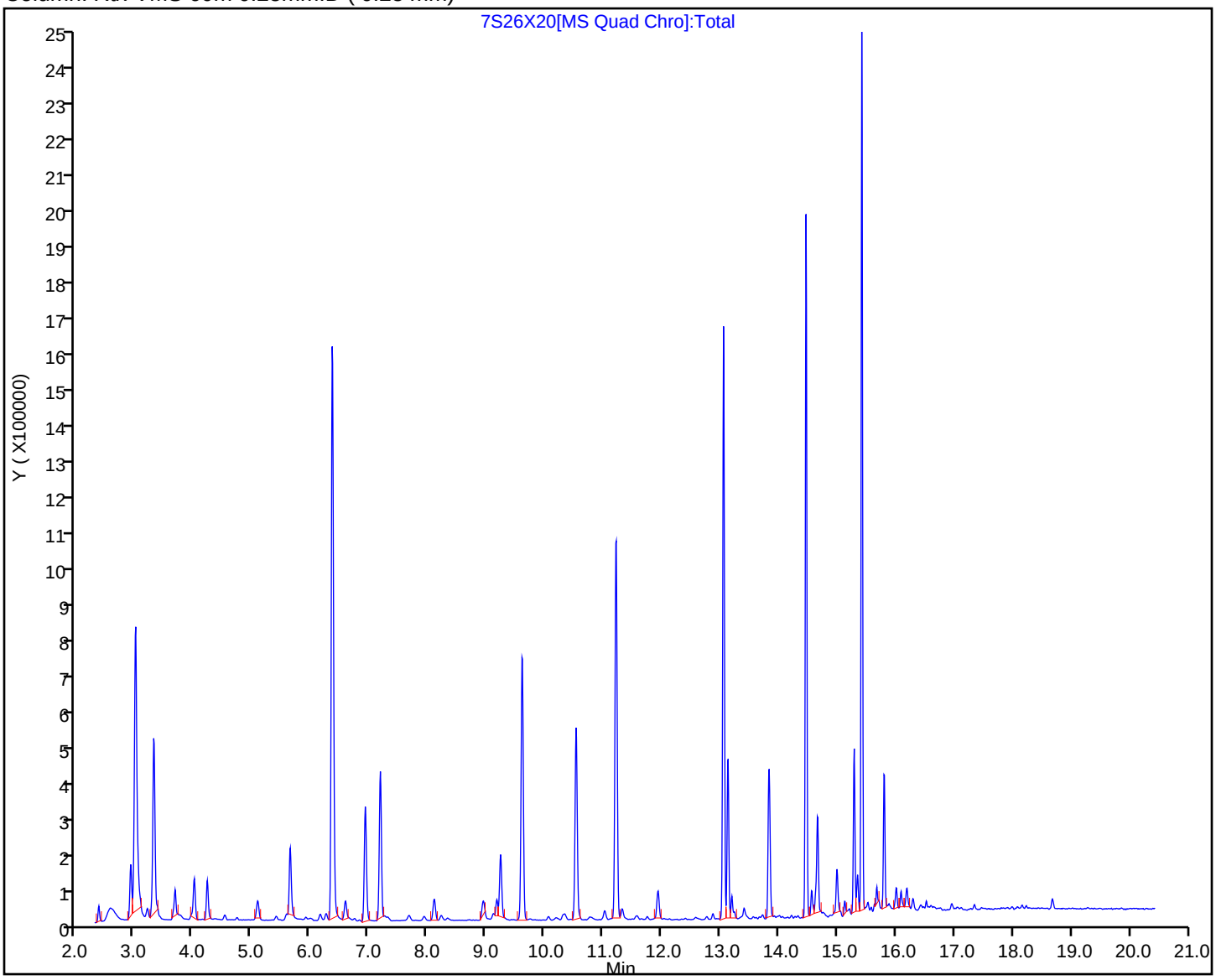
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:22 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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



Eurofins Lancaster Laboratories Environment Testing, LLC

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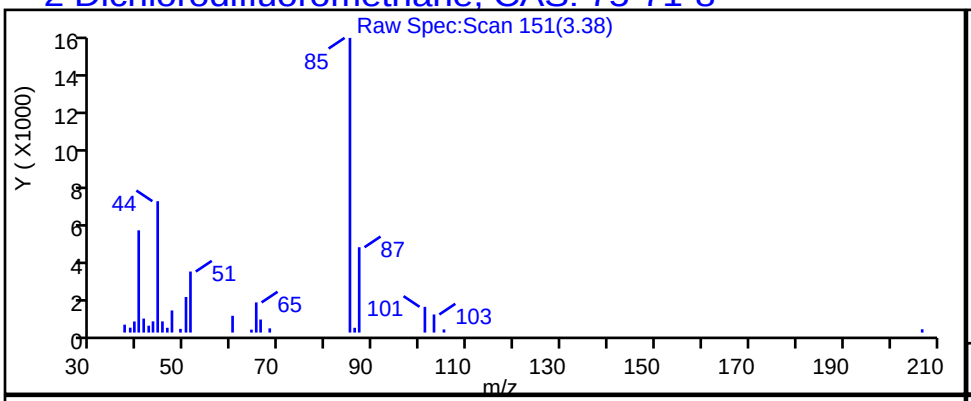
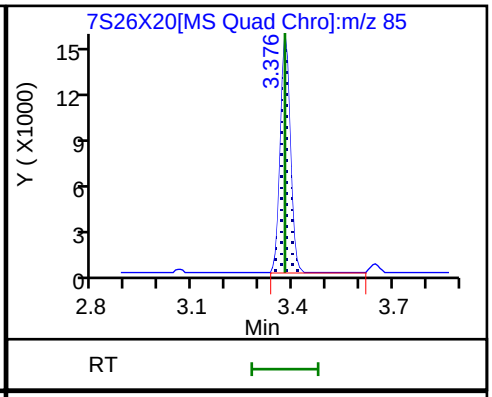
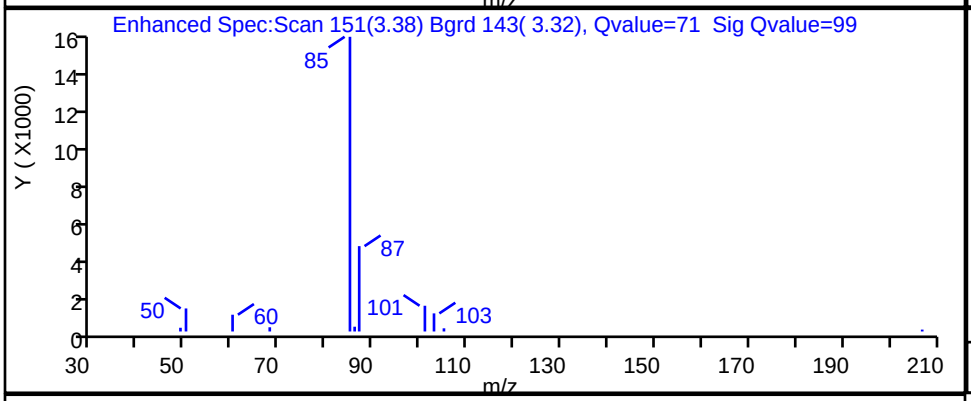
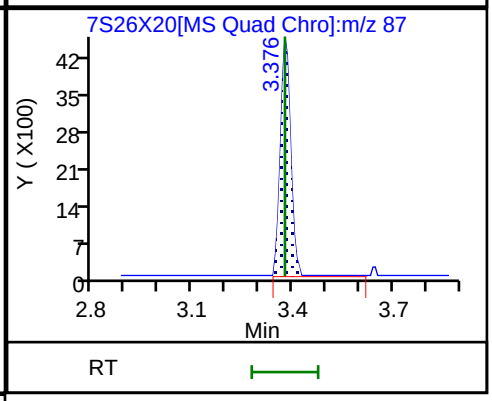
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

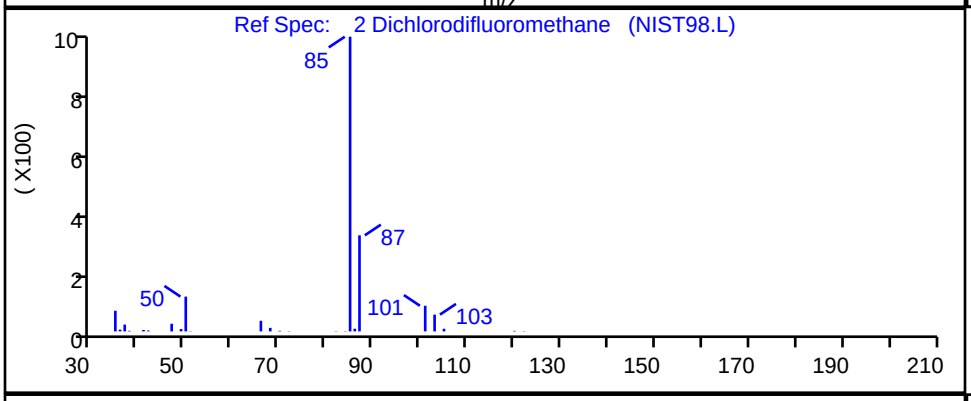
## 2 Dichlorodifluoromethane, CAS: 75-71-8

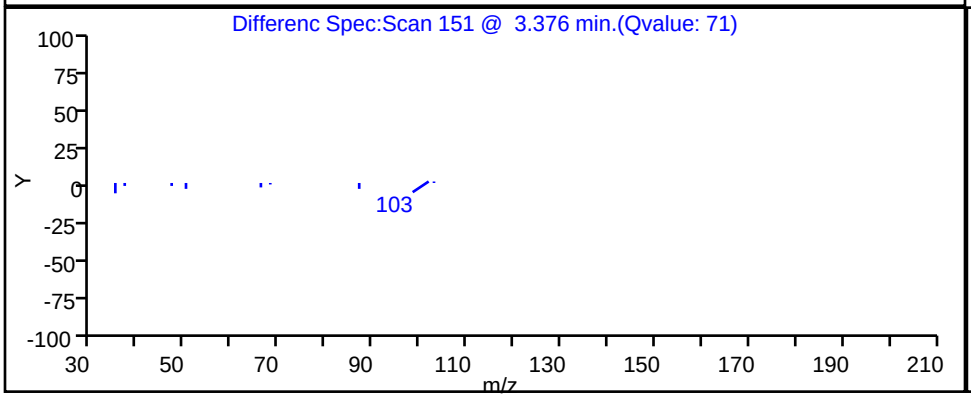


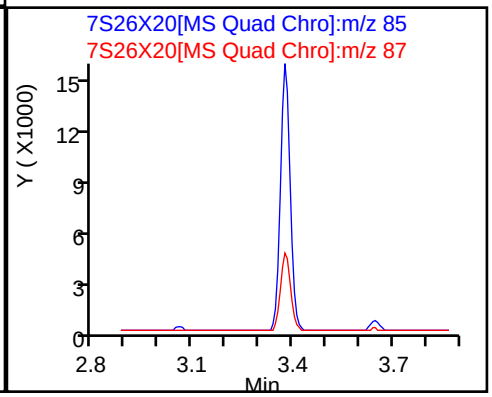



Report Date: 28-Sep-2025 14:48:22 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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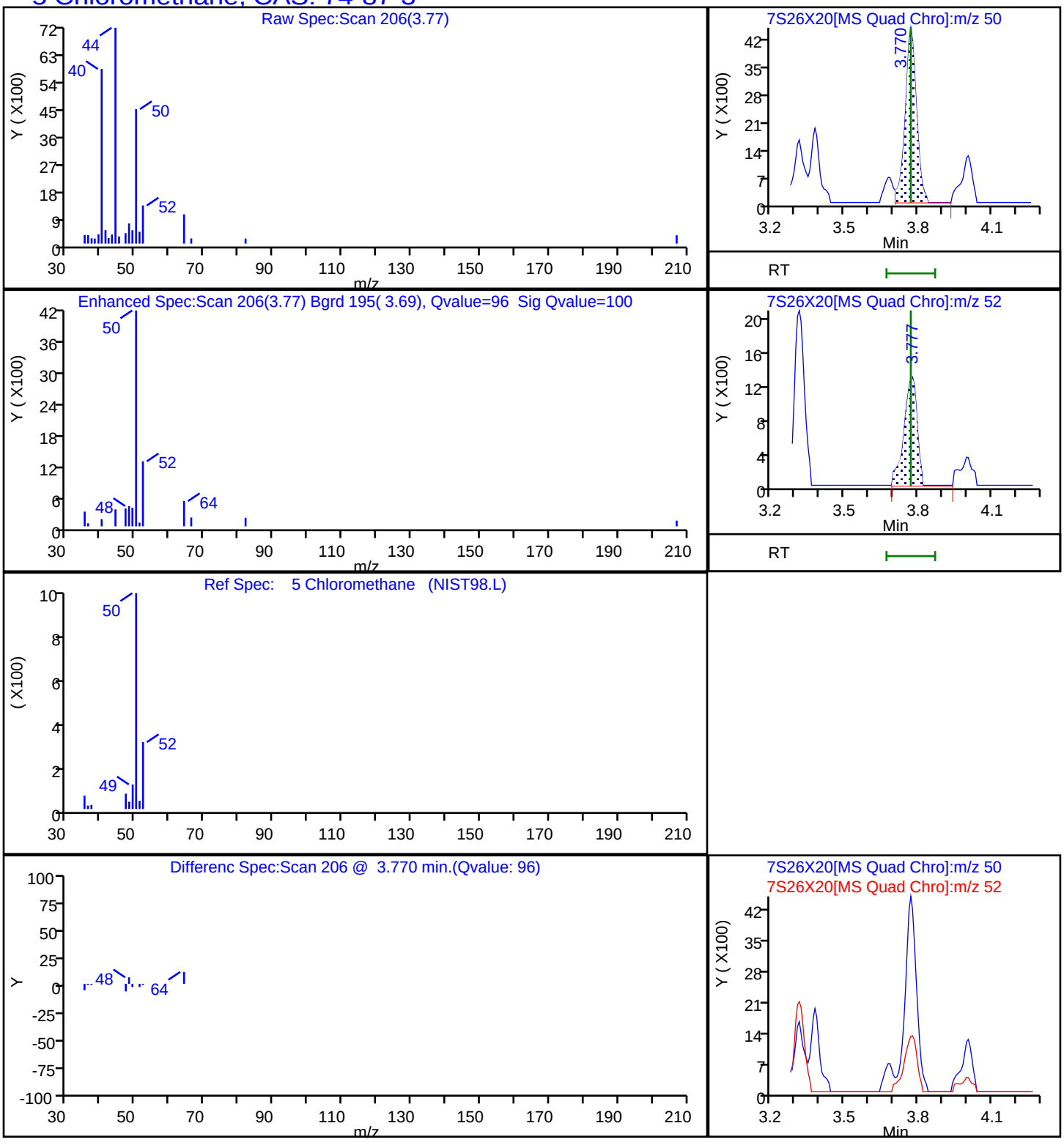
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:22 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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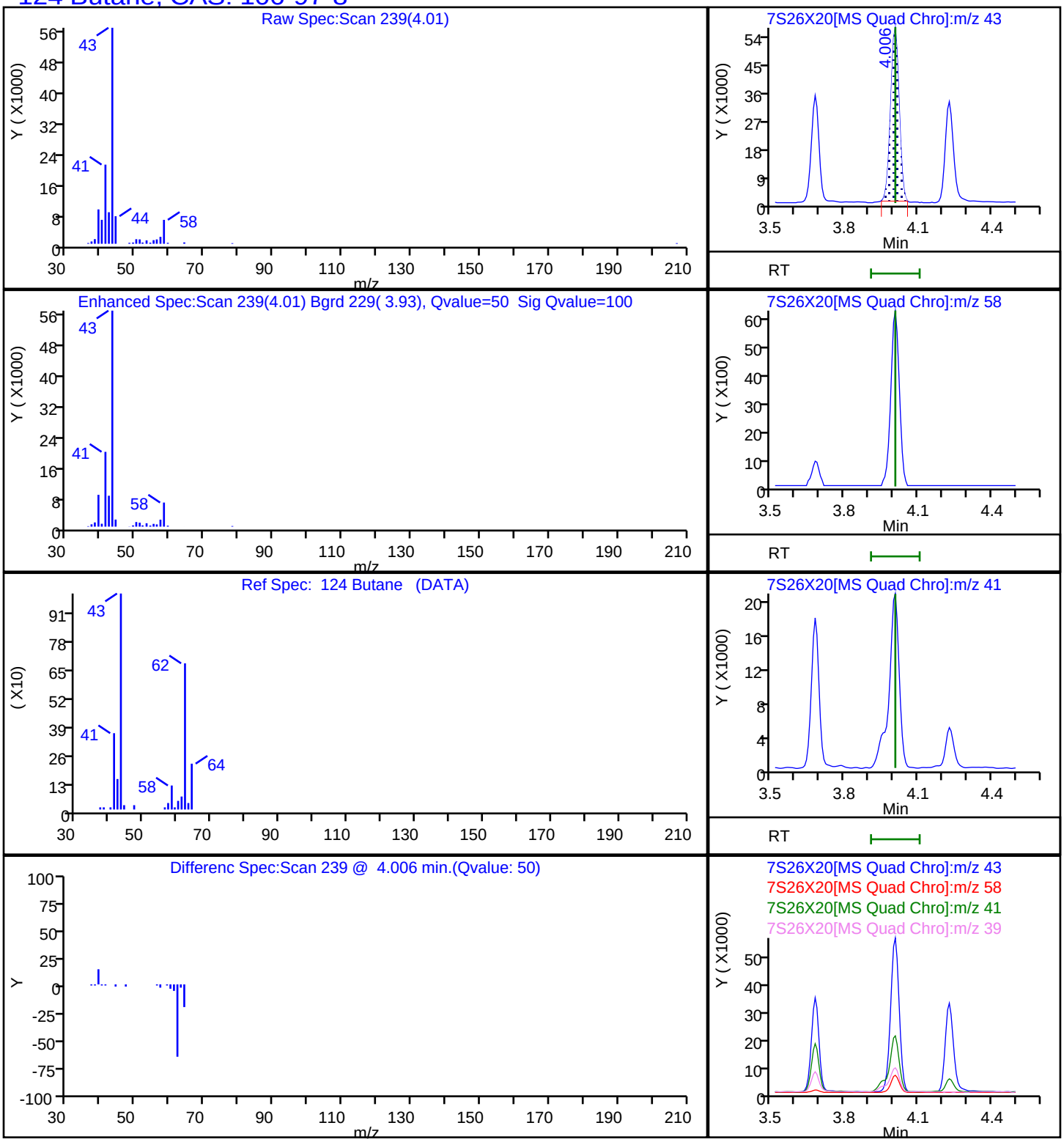
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8






10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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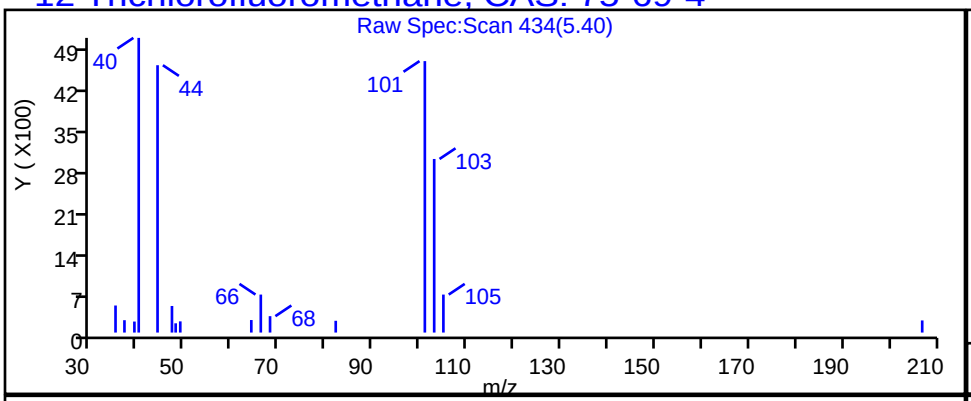
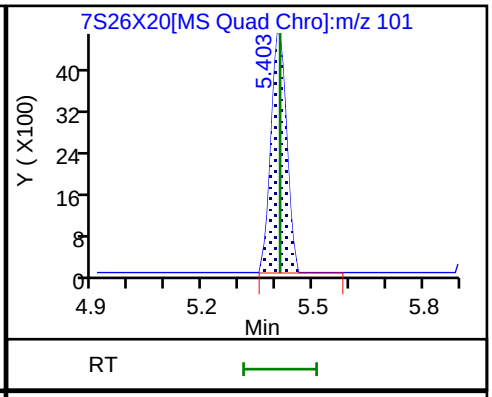
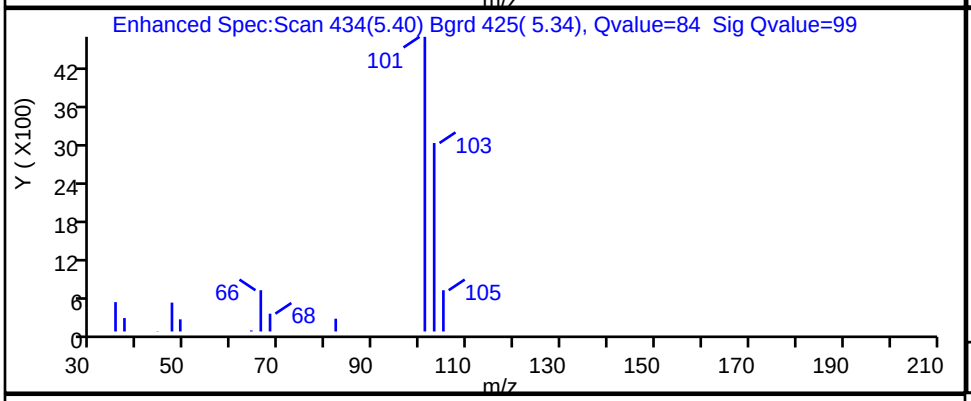
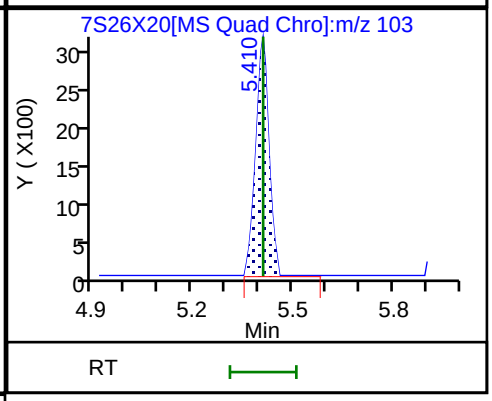
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

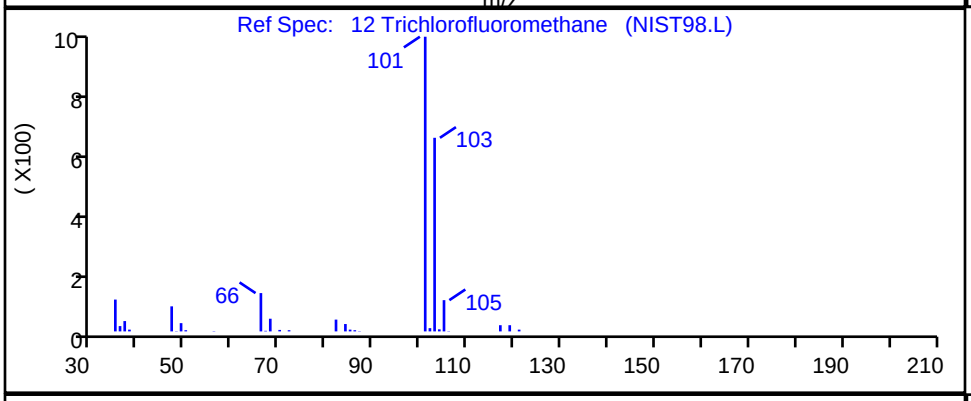
## 12 Trichlorofluoromethane, CAS: 75-69-4

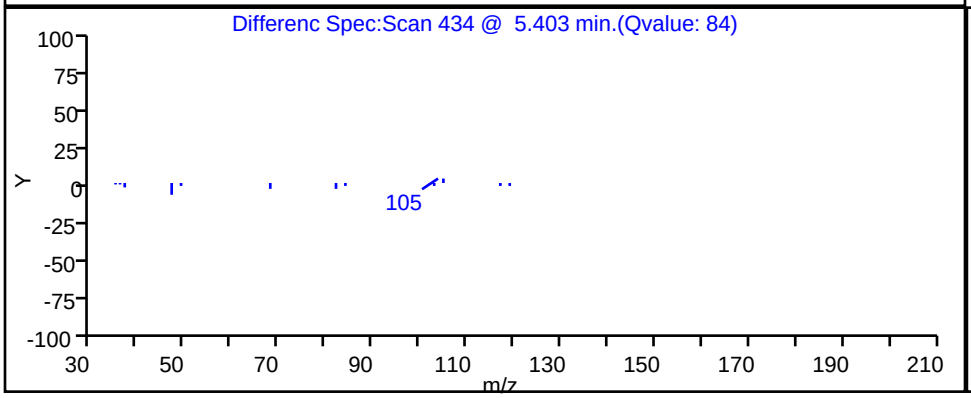


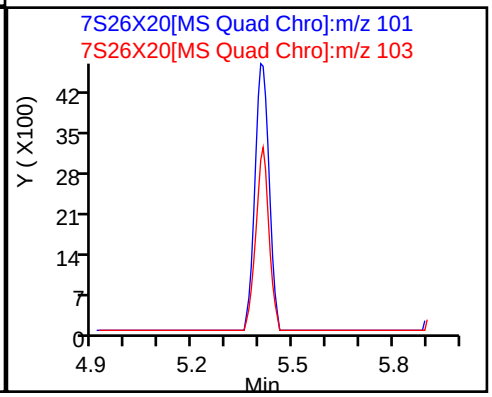



Report Date: 28-Sep-2025 14:48:22 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D

Injection Date: 26-Sep-2025 19:06:49 Instrument ID: HP8R004

Lims ID: 460-335451-A-3 Lab Sample ID: 410-335451-3

Client ID: C241174_PLR-IA03_MW30D_092125

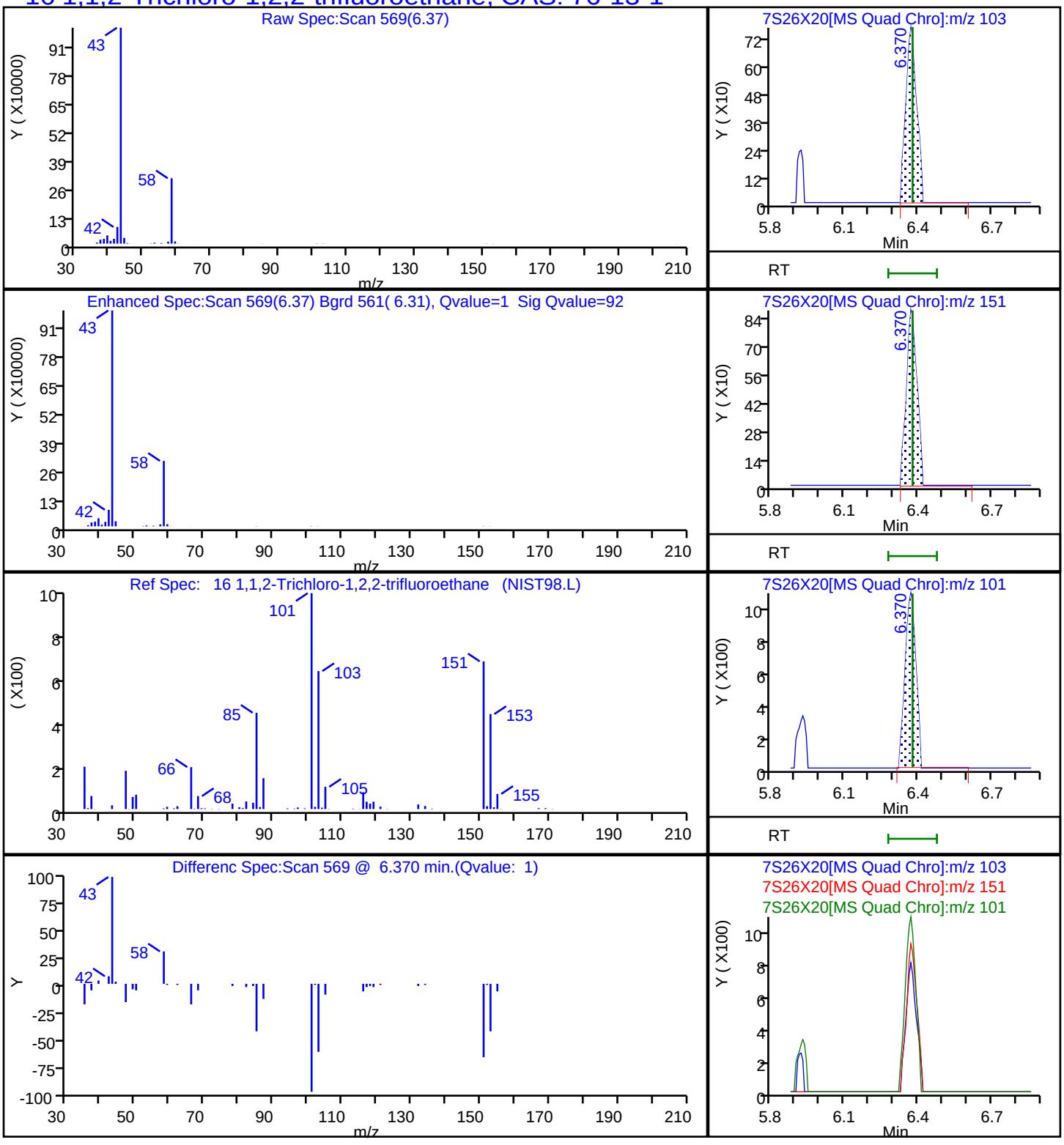
Operator ID: sn105465 ALS Bottle#: 18 Worklist Smp#: 21

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
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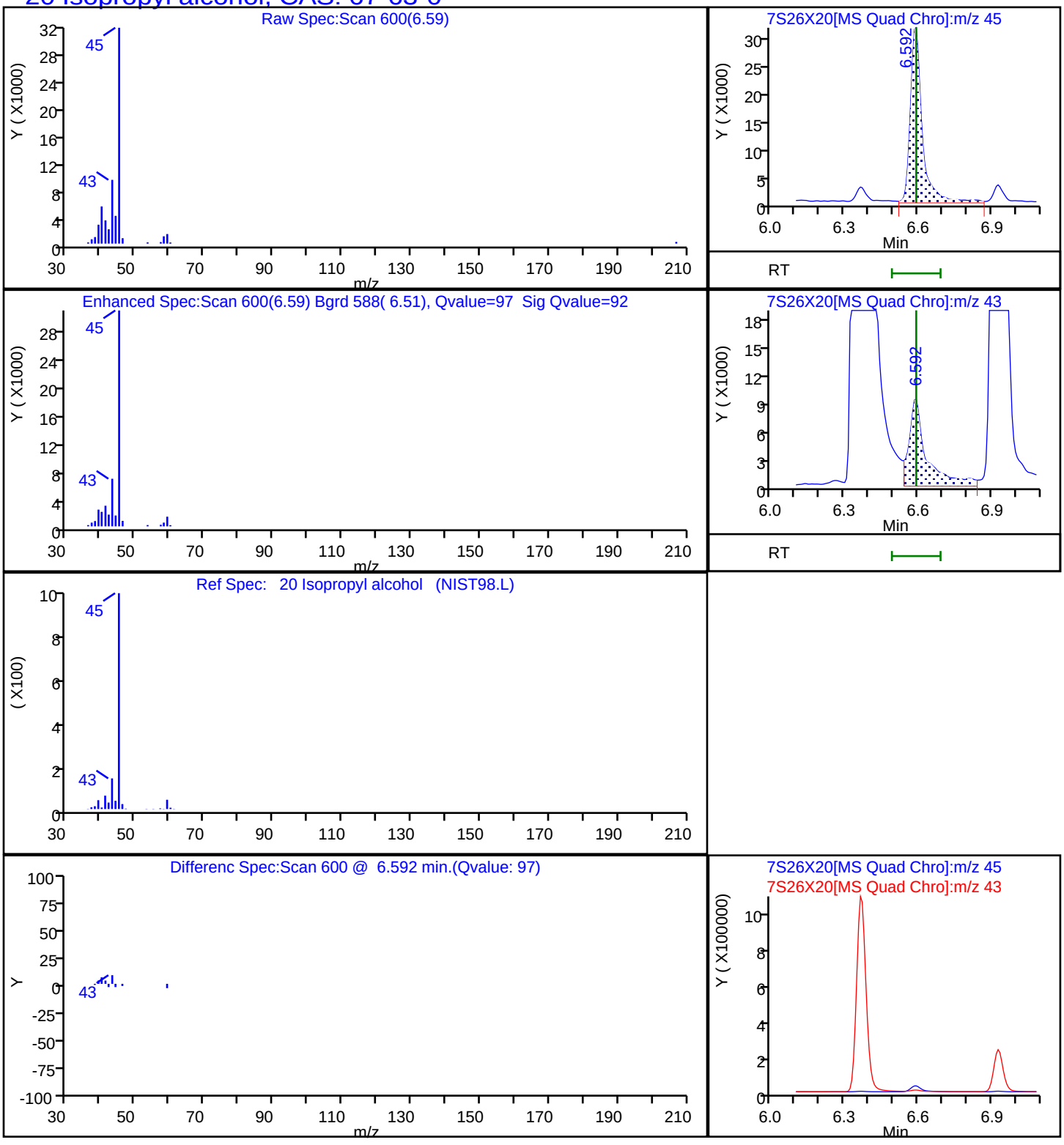
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0



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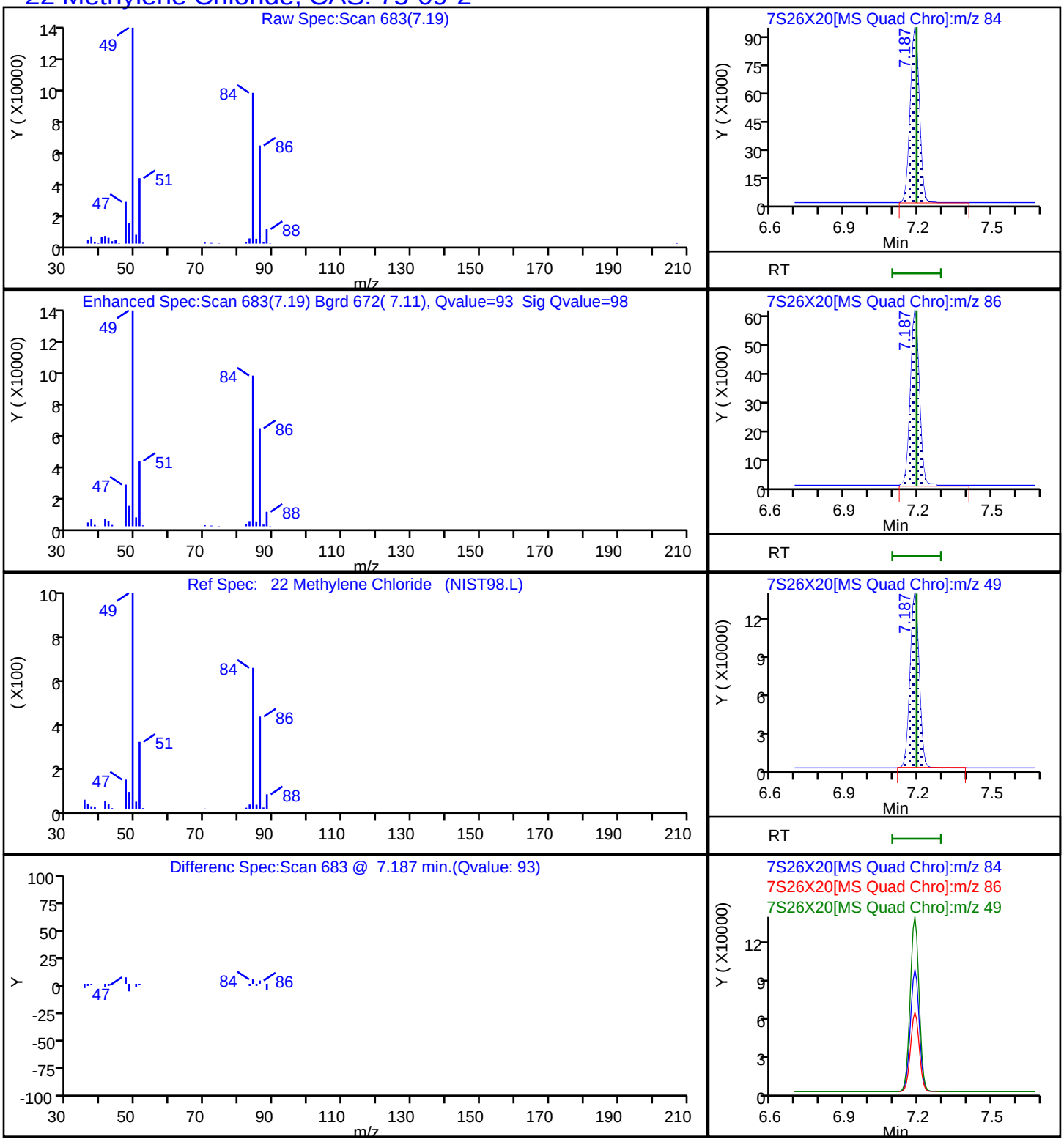
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2



Report Date: 28-Sep-2025 14:48:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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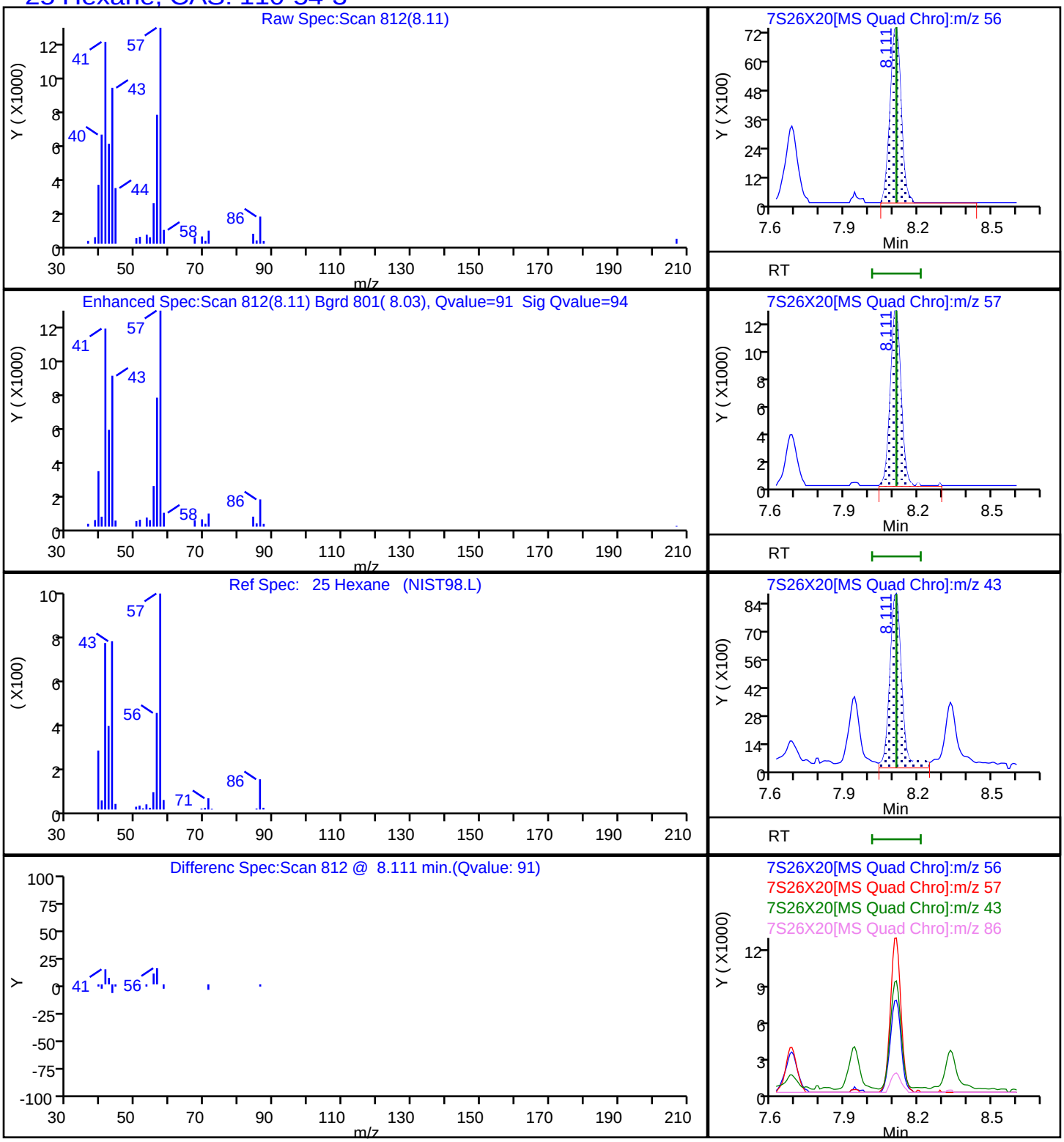
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



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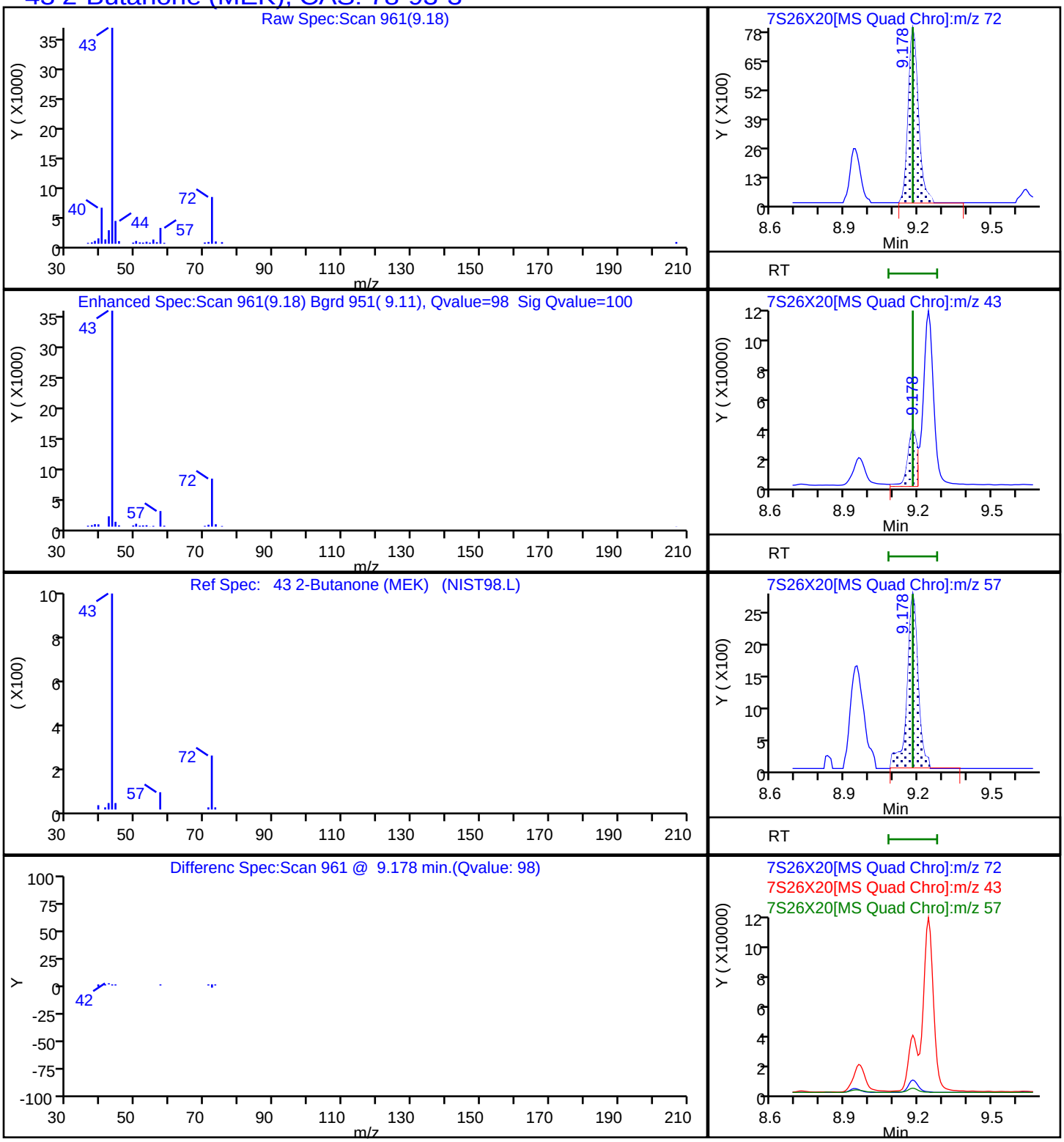
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



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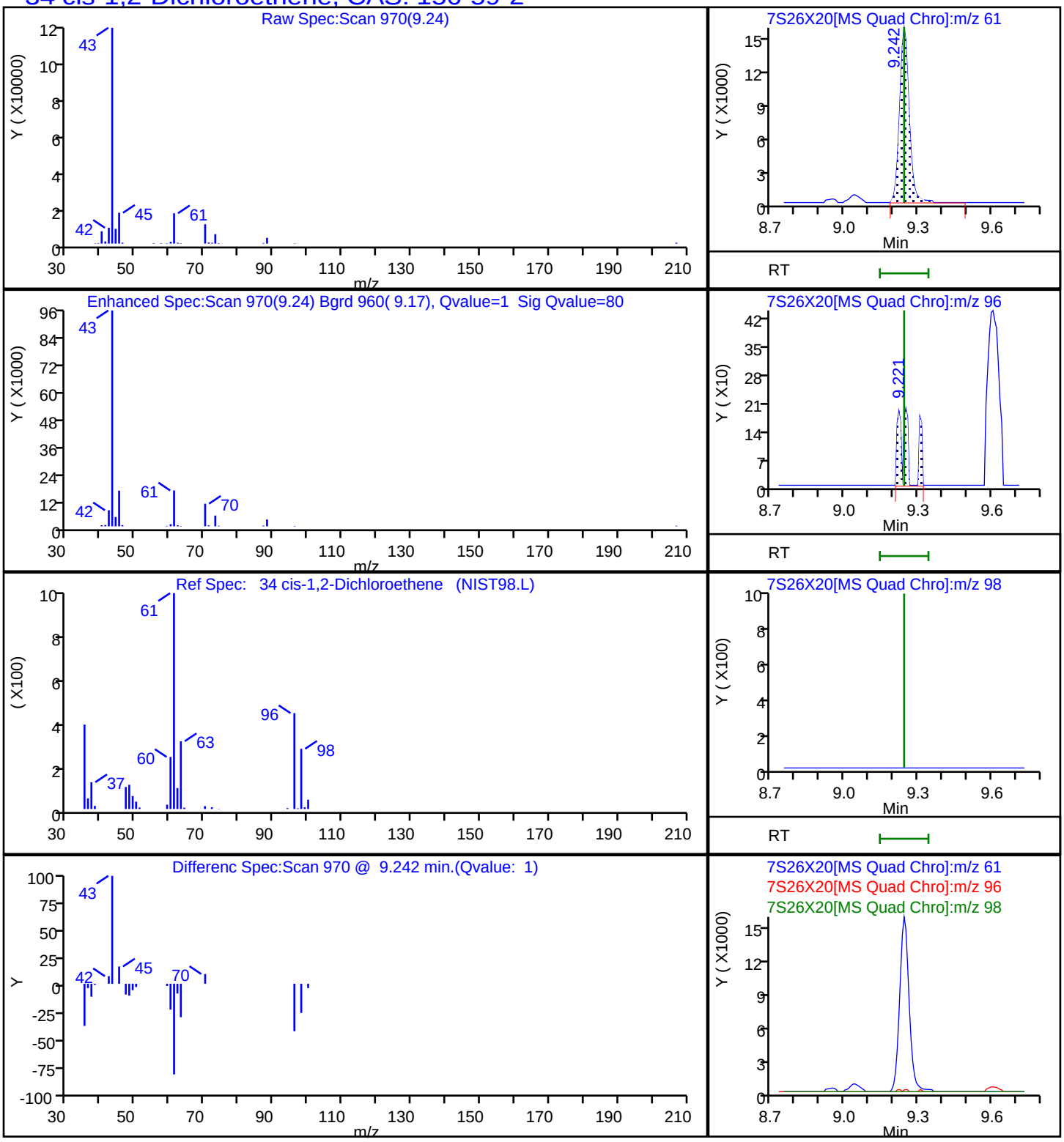
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2



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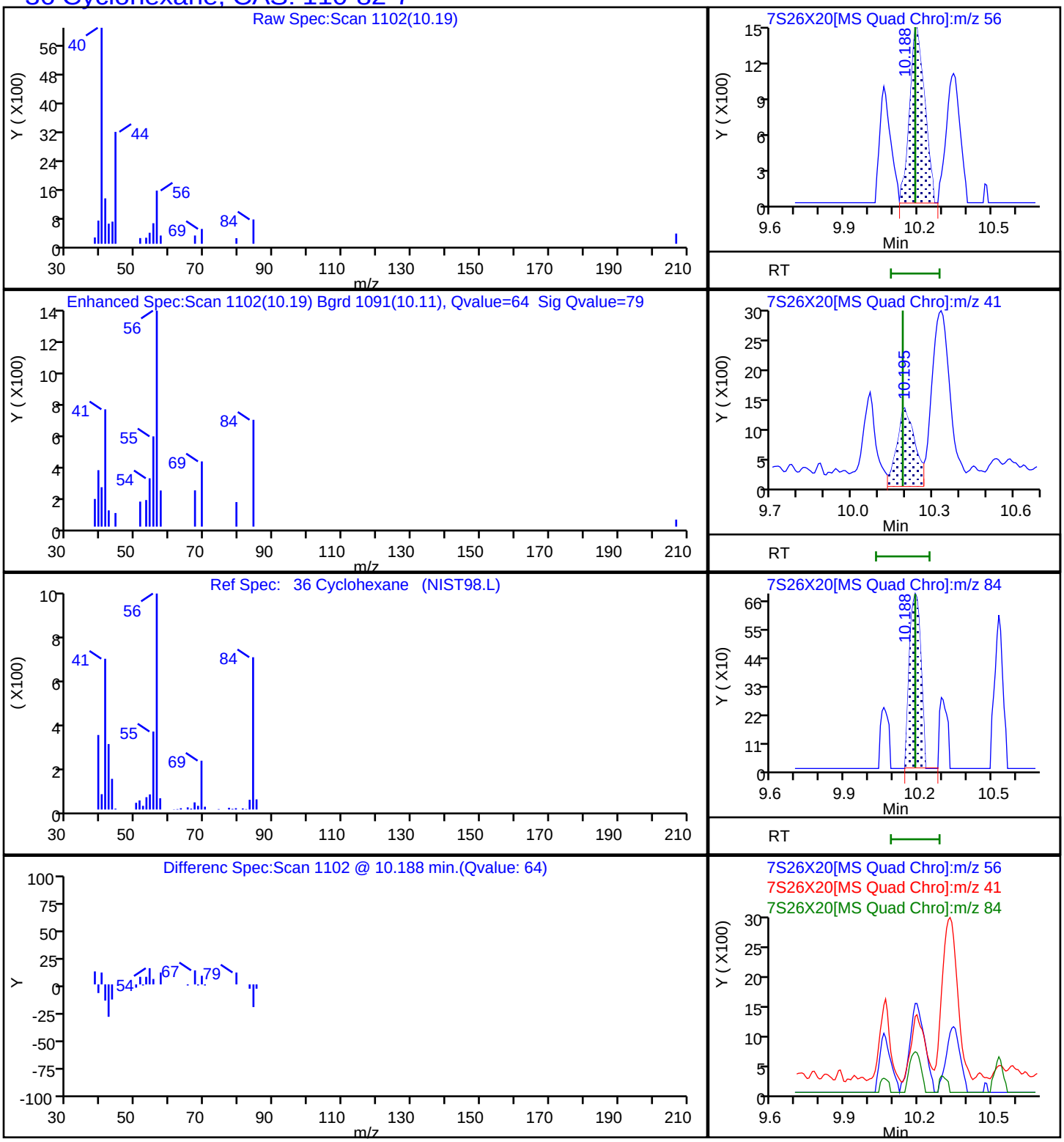
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



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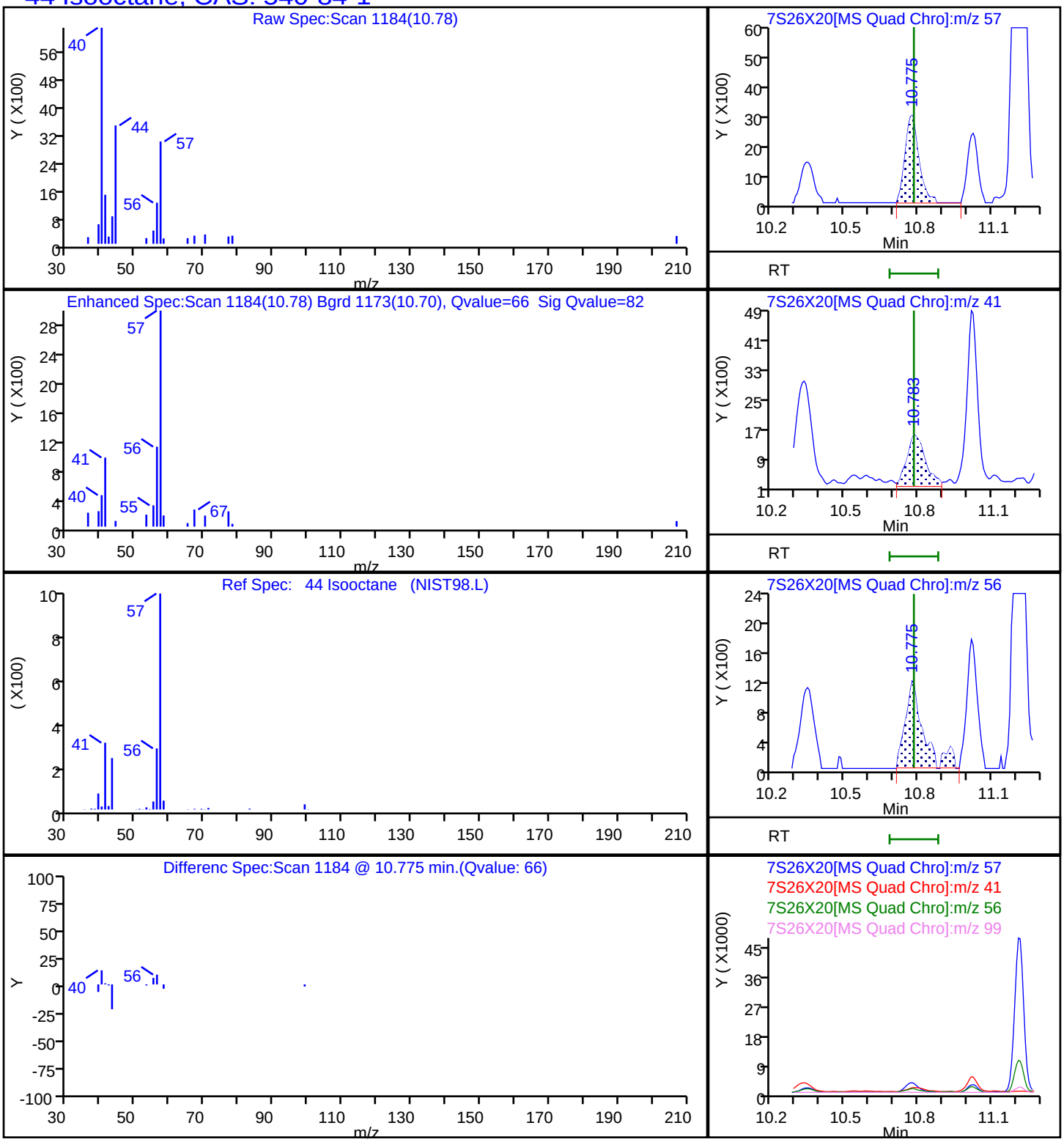
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



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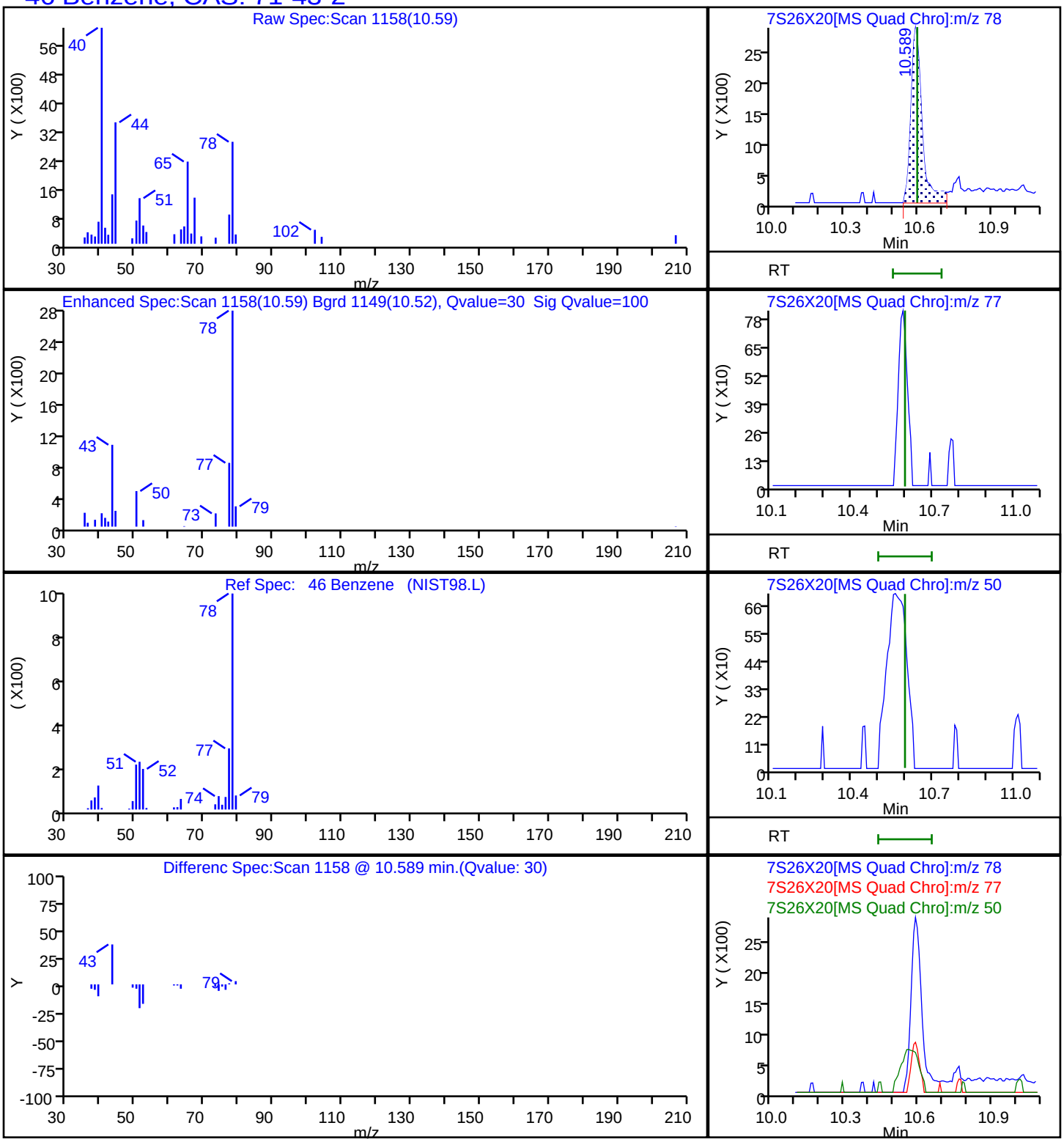
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



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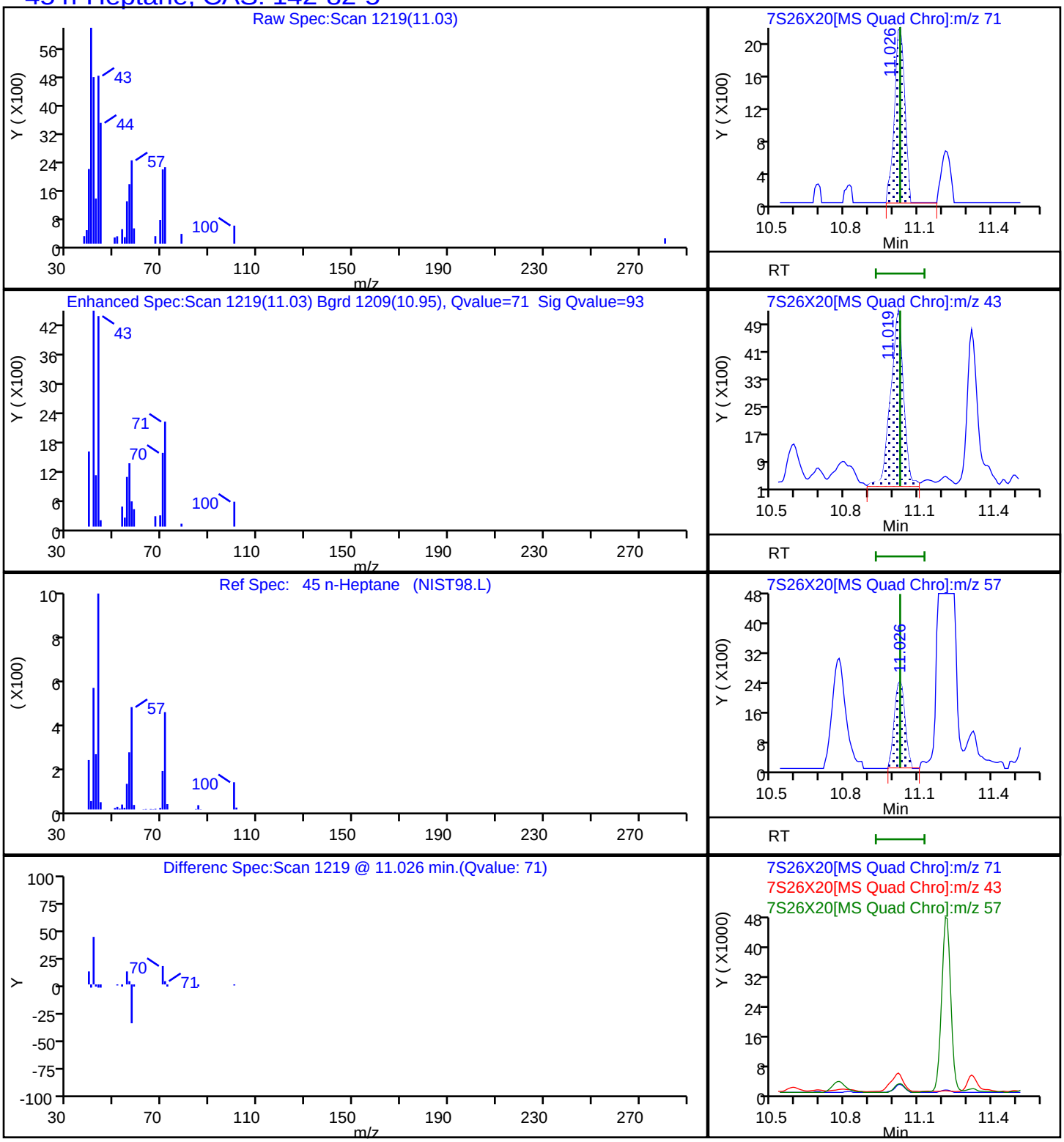
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5



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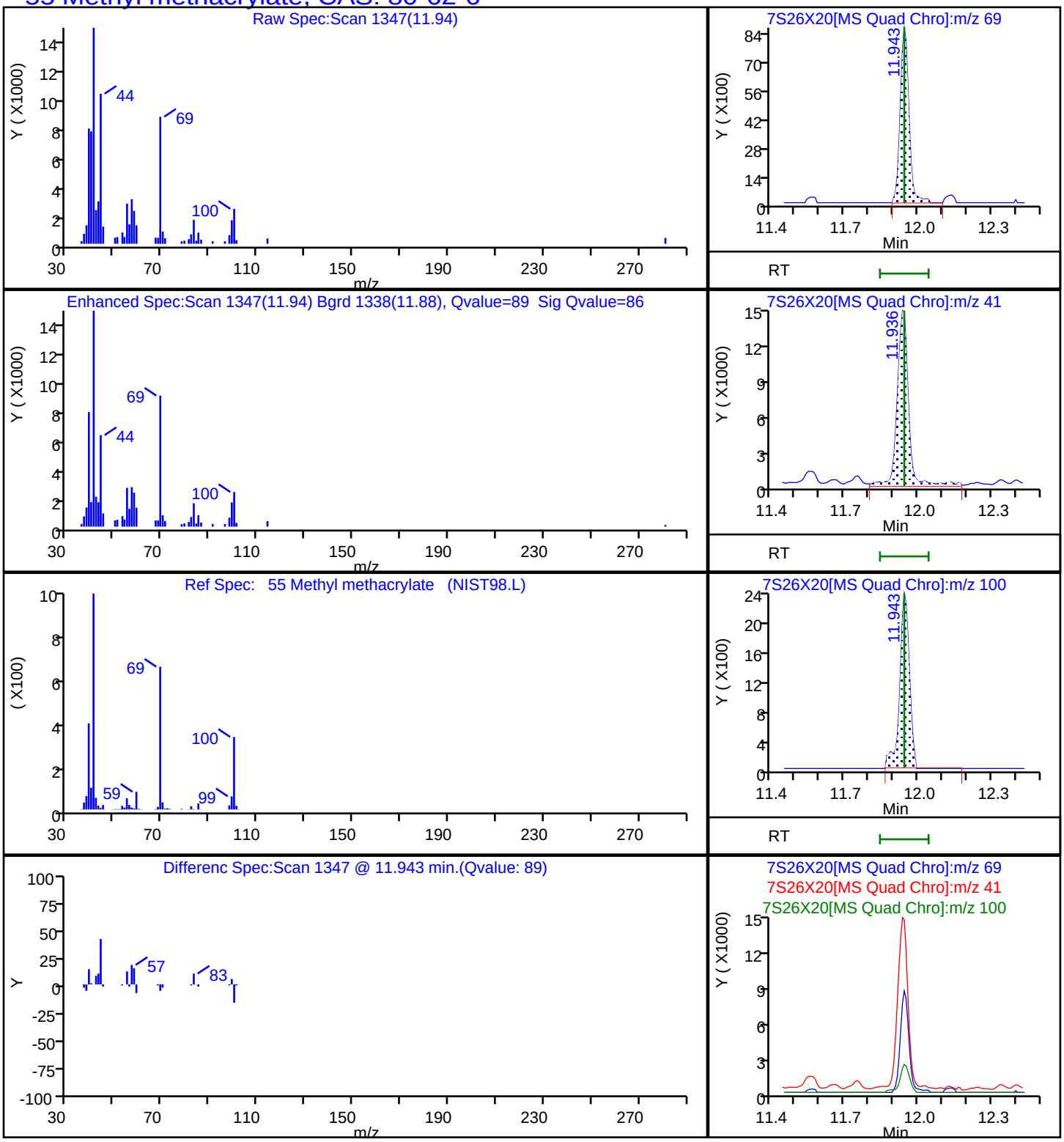
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6



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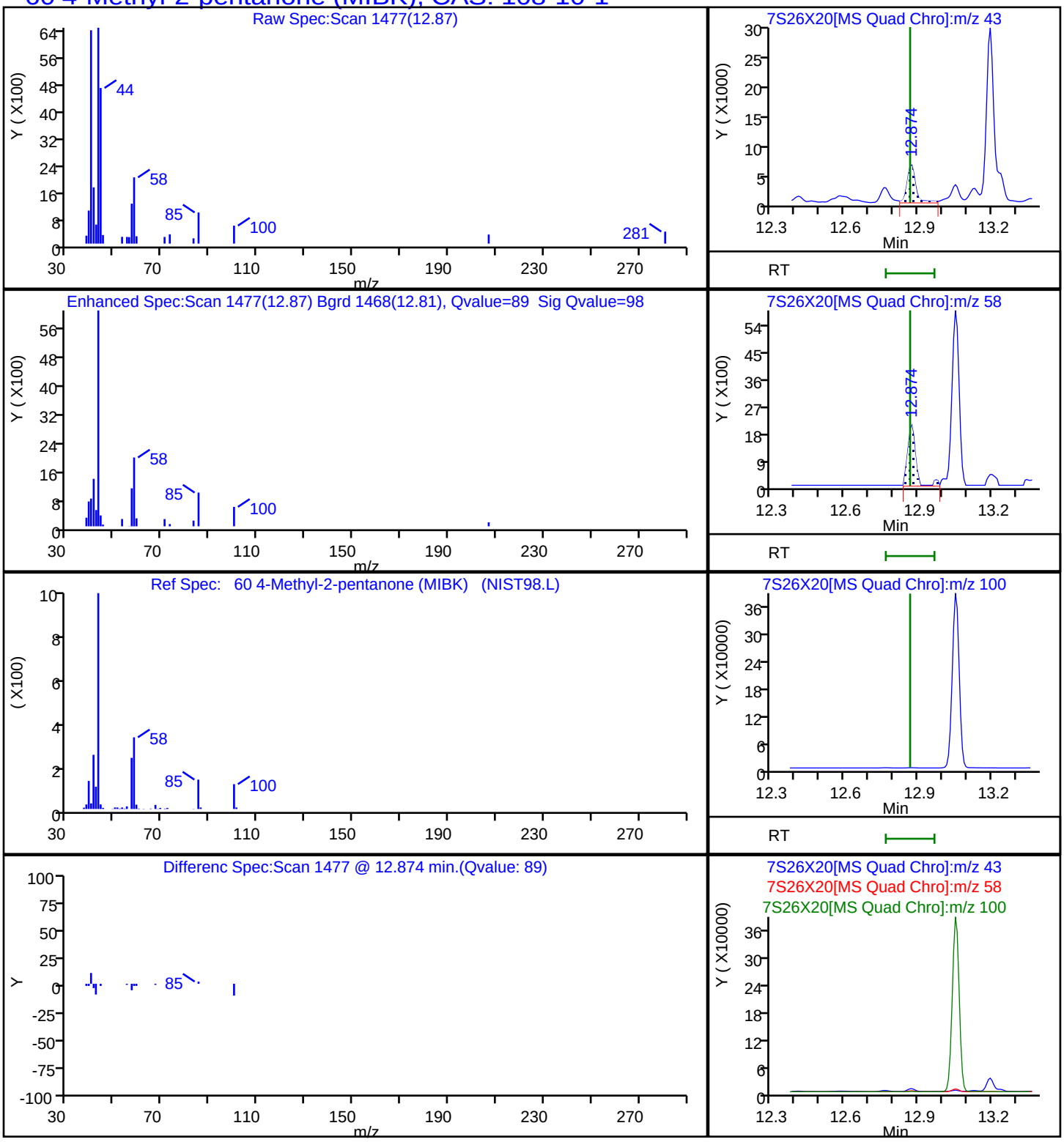
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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



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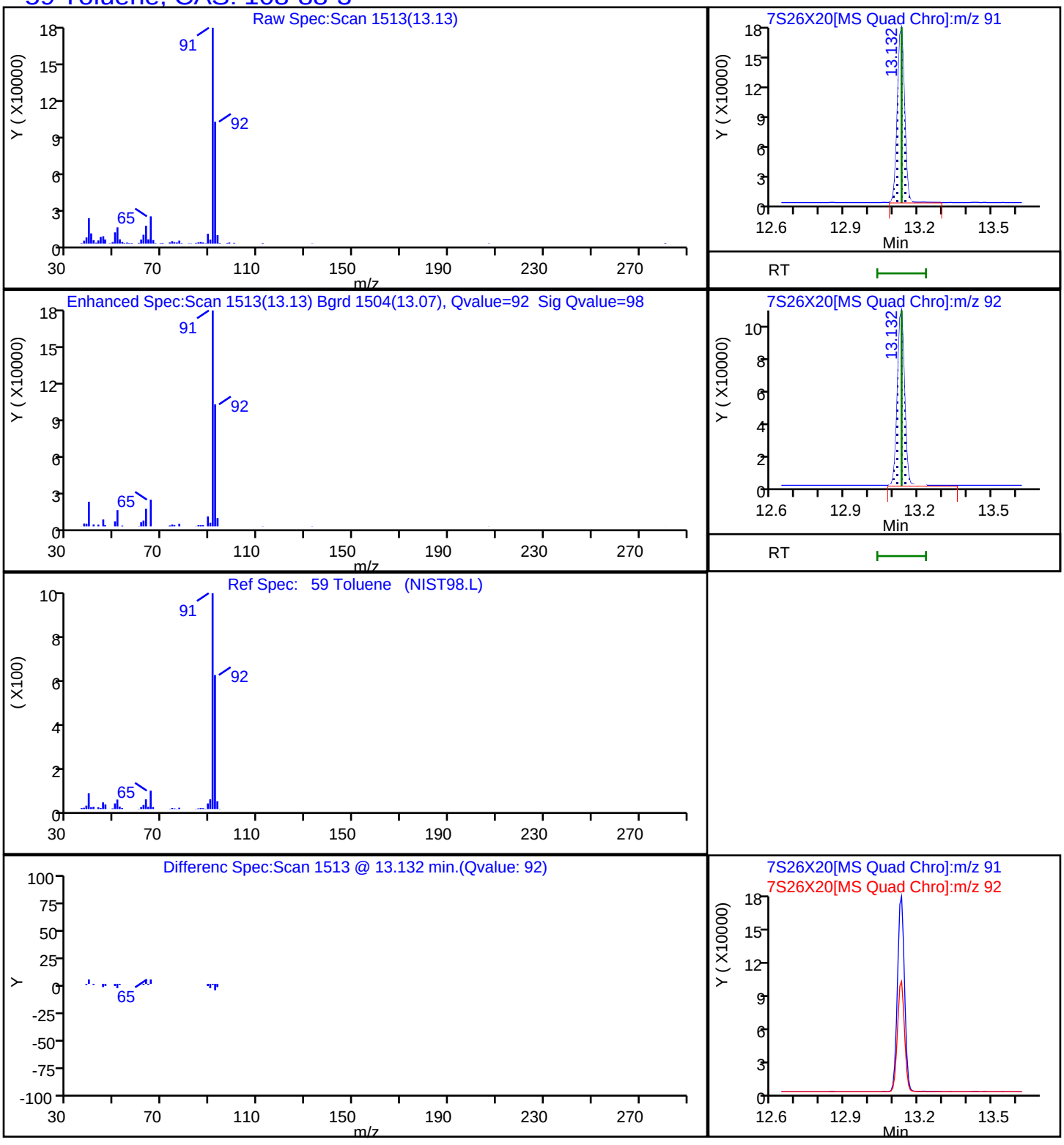
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



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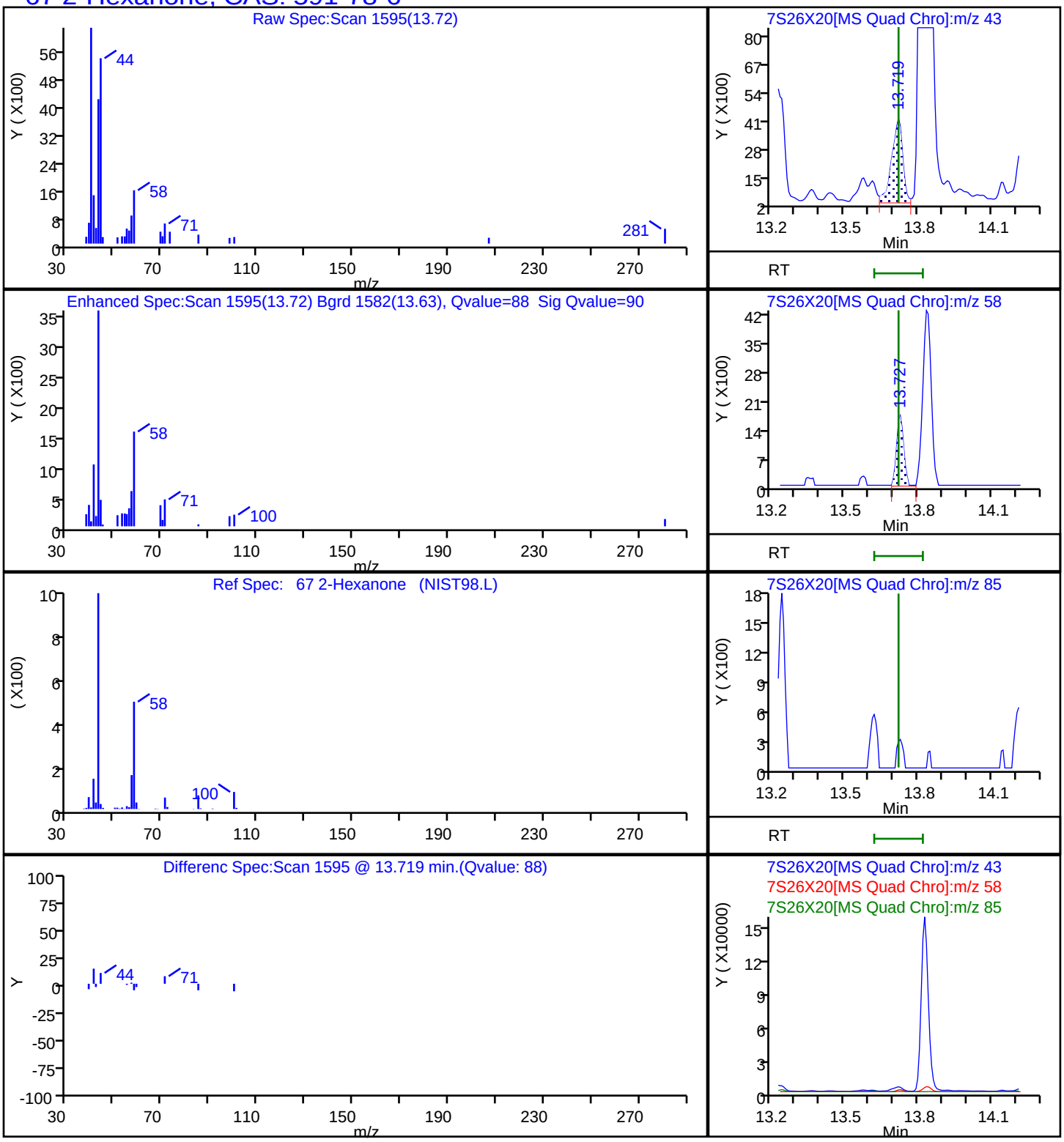
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6



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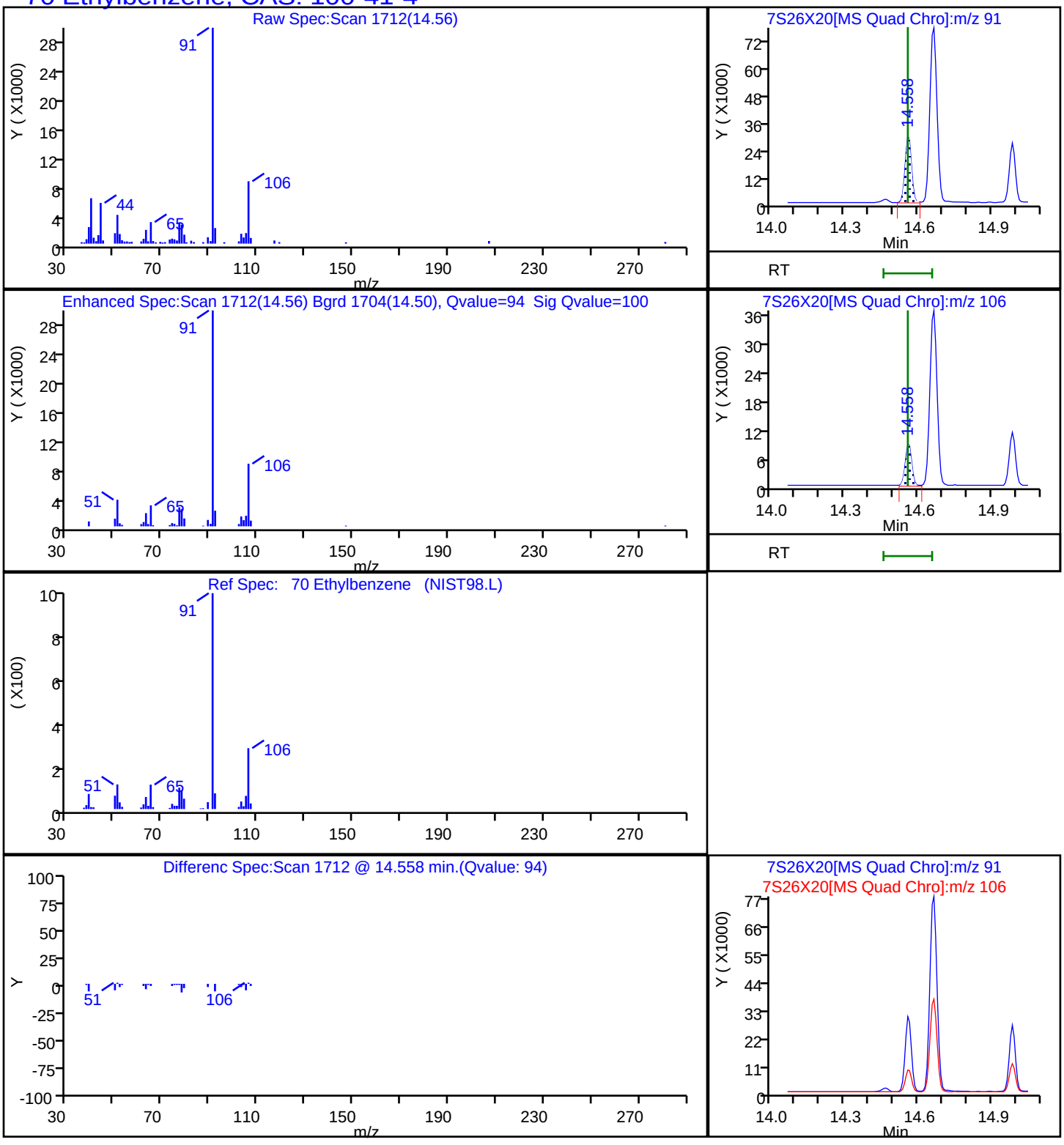
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4



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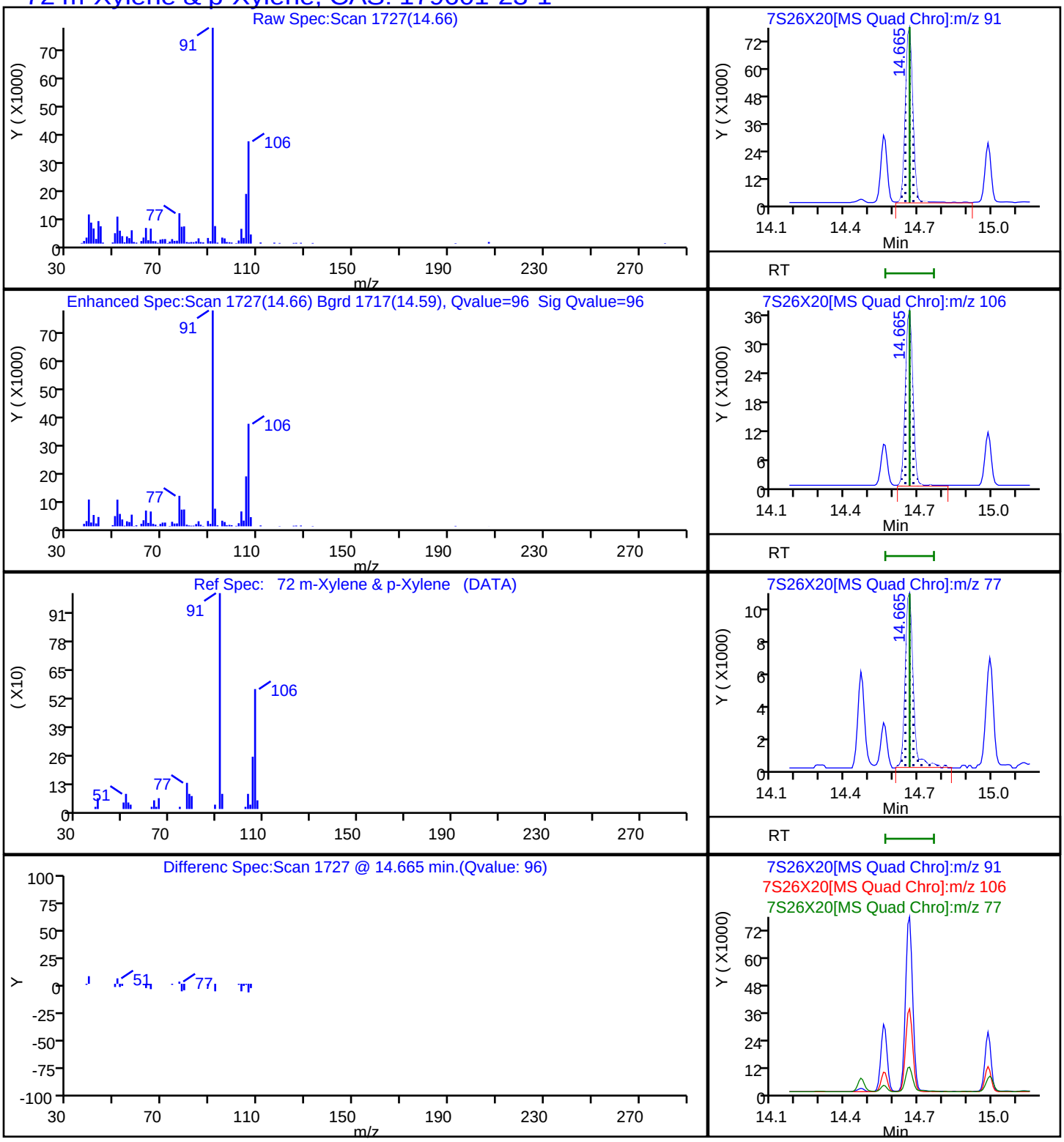
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1



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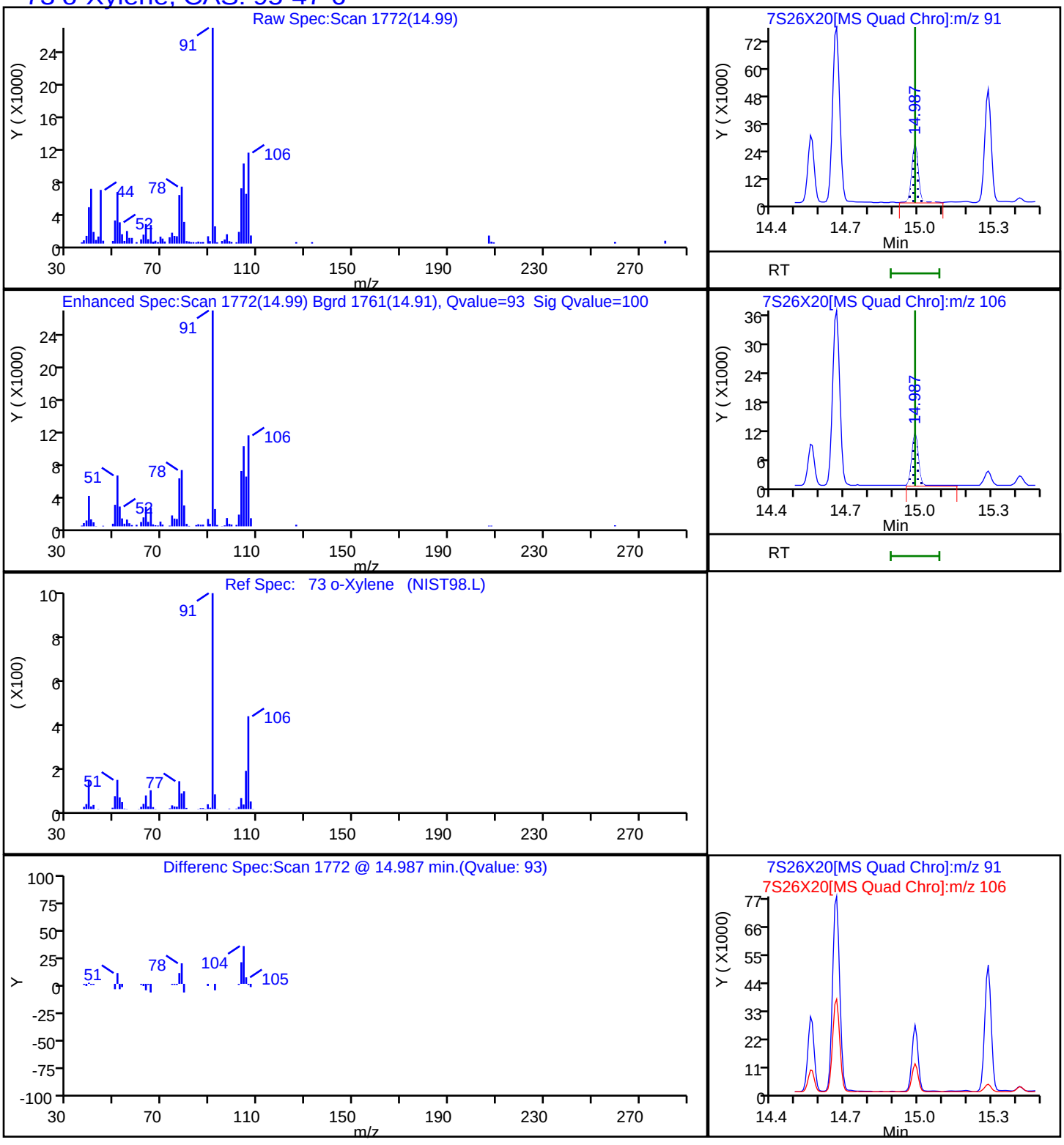
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 73 o-Xylene, CAS: 95-47-6



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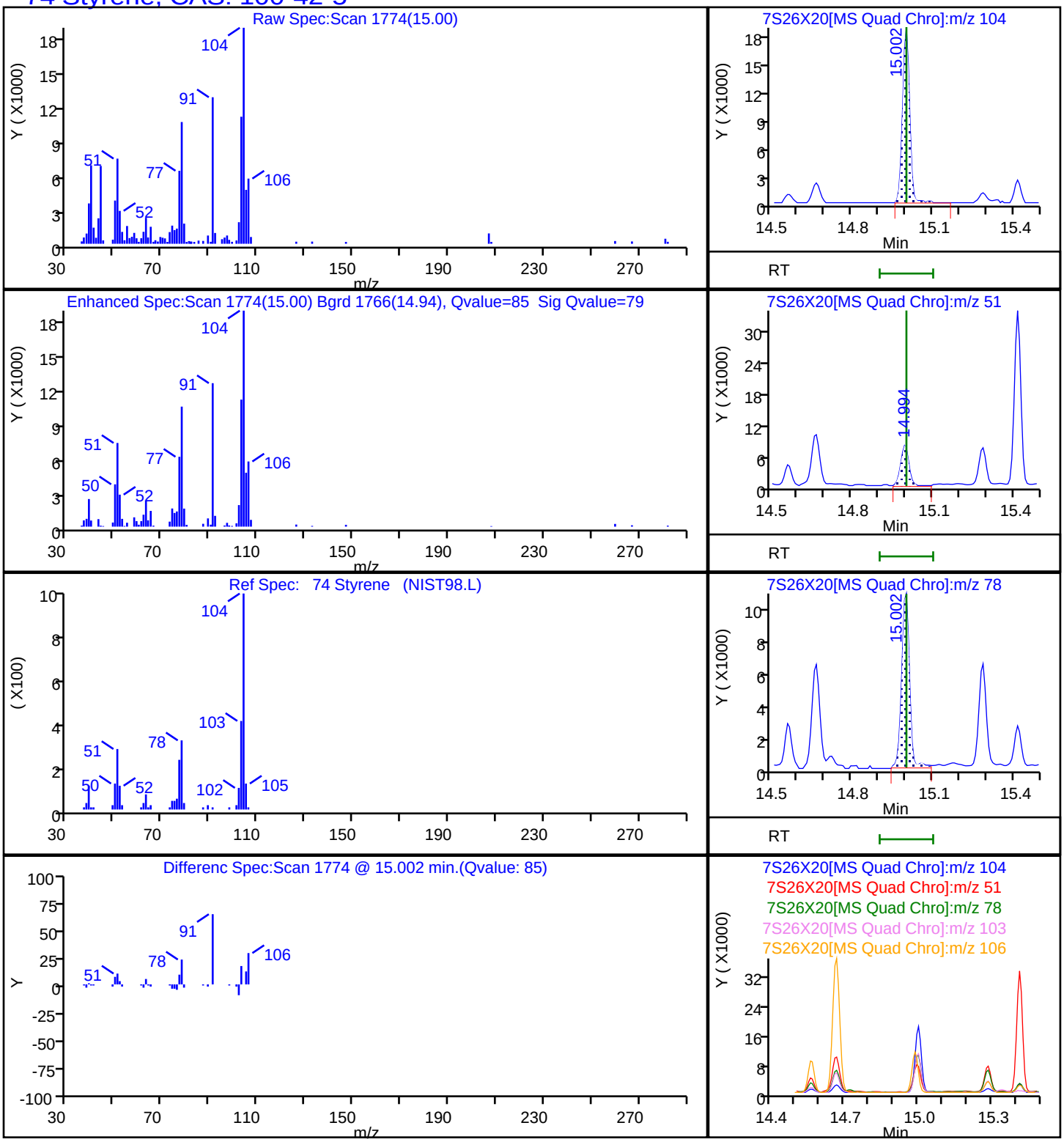
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5



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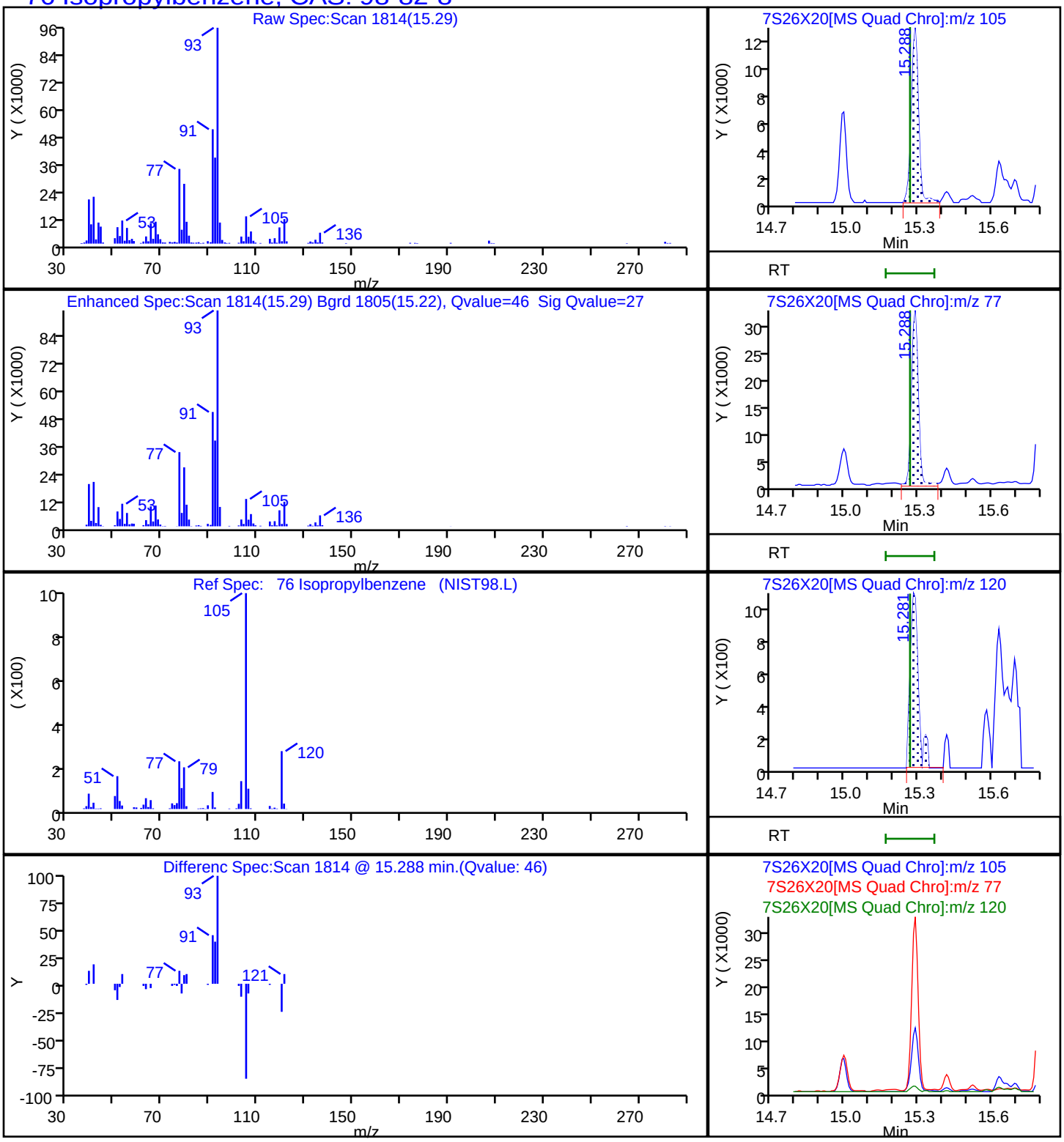
| Operator ID: | sn105465 | ALS Bottle#: | 18 Worklist Smp#: 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad |

## 76 Isopropylbenzene, CAS: 98-82-8



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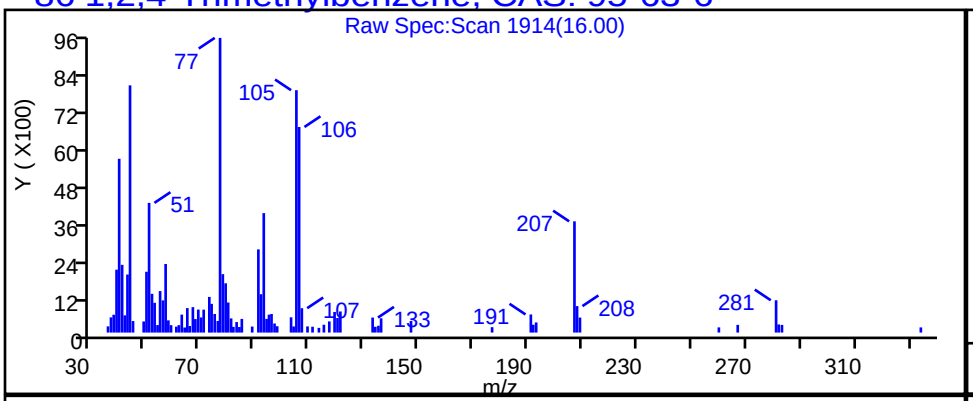
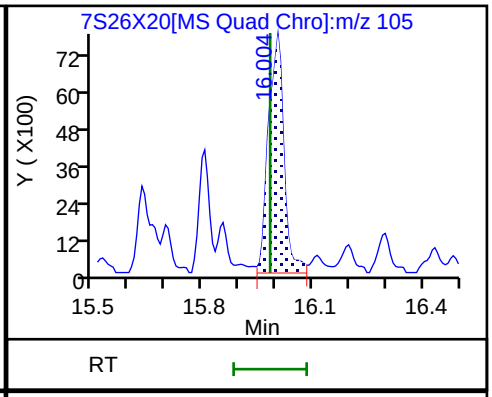
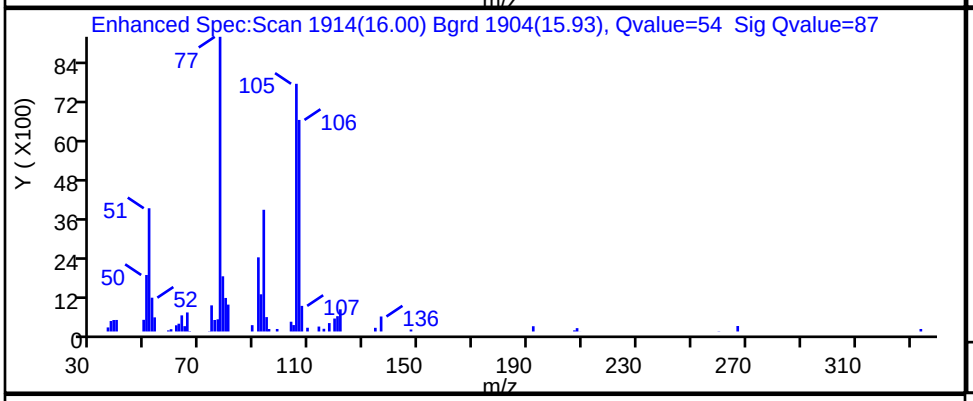
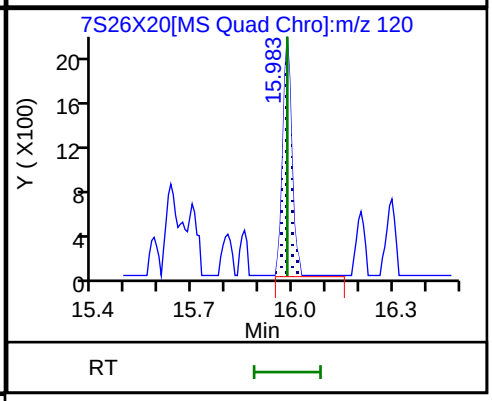
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

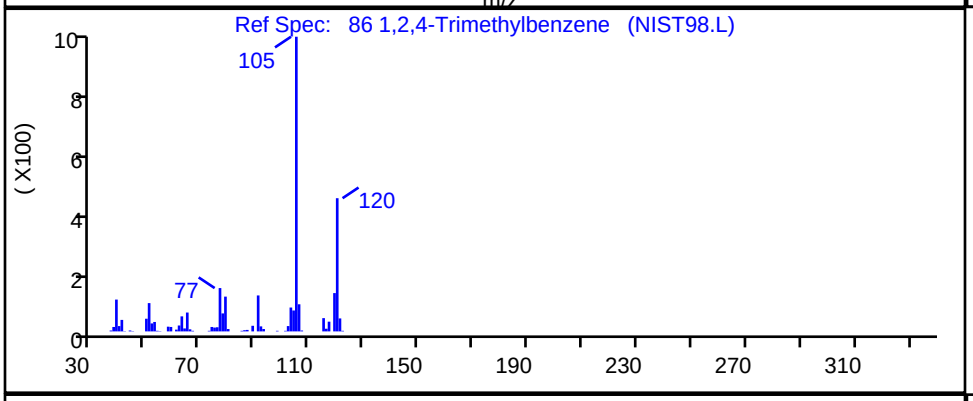
## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6

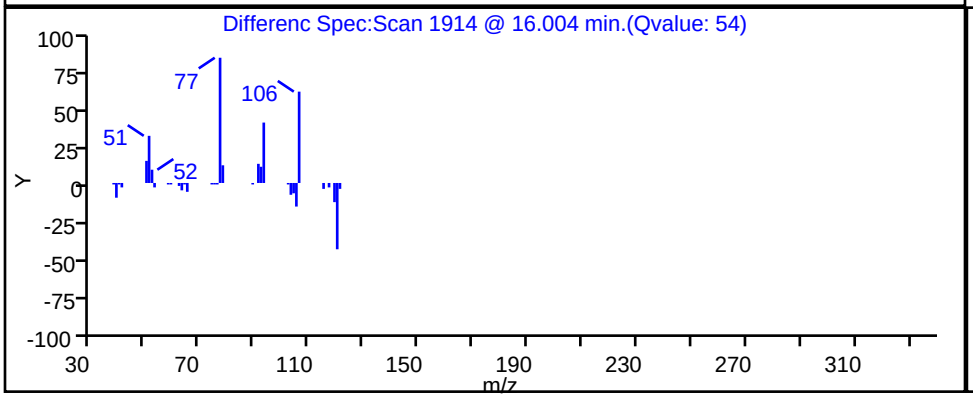


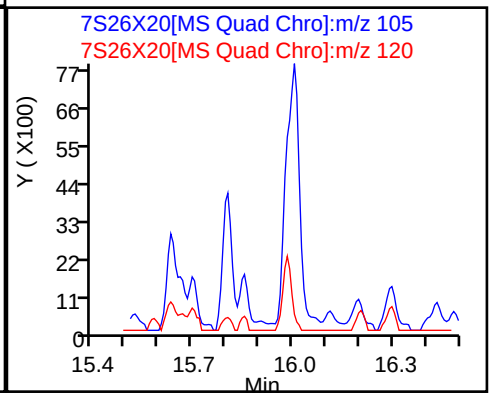



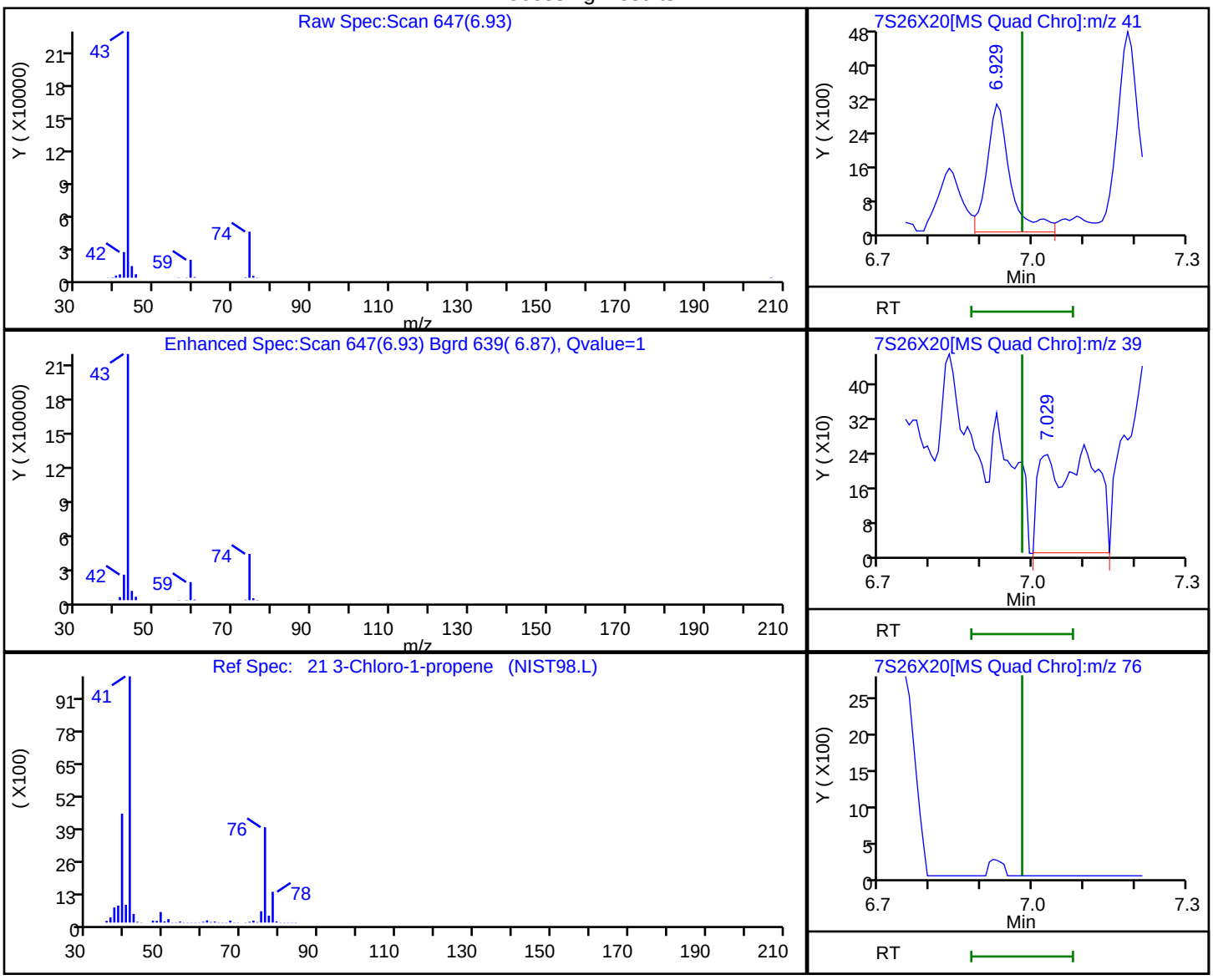
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.93 | 41.00 | 9464 | 0.220440 |
| 7.03 | 39.00 | 1677 | |
| 6.98 | 76.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:24:20 -04:00:00 (UTC)

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

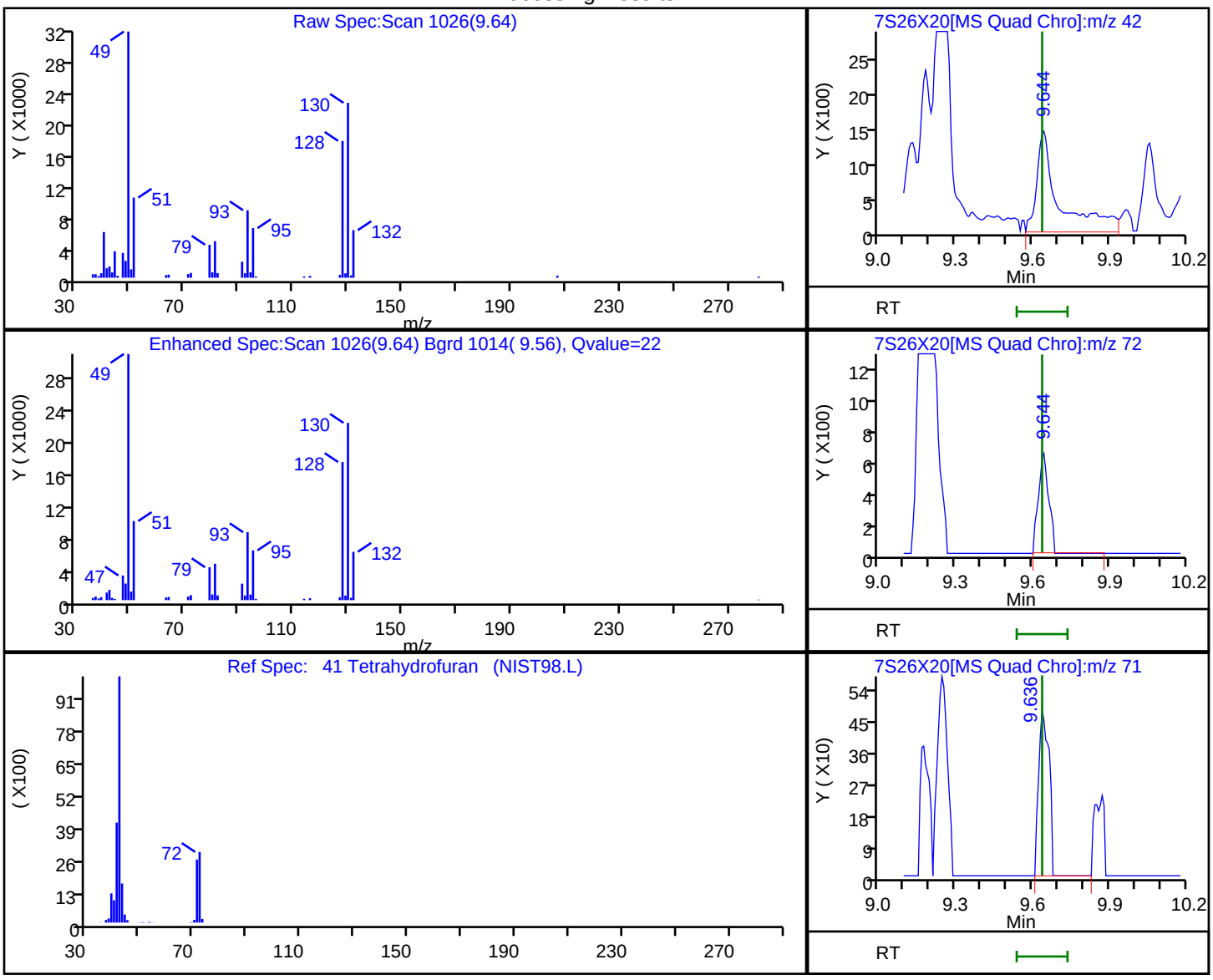
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X20.D | | | | |
| Injection Date: | 26-Sep-2025 19:06:49 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-3 | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 18 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.64 | 42.00 | 8619 | 0.225142 |
| 9.64 | 72.00 | 1745 | |
| 9.64 | 71.00 | 1364 | |

Reviewer: JXC9, 28-Sep-2025 14:24:37 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW30D_092125 DL
Lab Sample ID: 460-335451-3 DL

Matrix: Air
Lab File ID: 6S28X09.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:35

Sample wt/vol: 200(mL)
Date Analyzed: 09/29/2025 07:43

Soil Aliquot Vol:
Dilution Factor: 4

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

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

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

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 67-64-1 | Acetone | 120 | D | 48 | 15 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X09.D
Lims ID: 460-335451-A-3 DL
Client ID: C241174_PLR-IA03_MW30D_092125
Sample Type: Client
Inject. Date: 29-Sep-2025 07:43:41 ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 460-335451-A-3
Misc. Info.: 410-0161263-009
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:08:52 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

First Level Reviewer: D7UM Date: 29-Sep-2025 08:17:25

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 1.658 | 1.662 | -0.004 | 36 | 14574 | 0.1227 | |
| 3 Chlorodifluoromethane | 51 | 1.647 | 1.696 | -0.049 | 92 | 222320 | 2.55 | |
| 5 Chloromethane | 50 | 1.895 | 1.880 | 0.015 | 30 | 5262 | 0.1386 | |
| 8 Bromomethane | 94 | 2.423 | 2.386 | 0.037 | 61 | 5998 | 0.1726 | |
| 23 Acetone | 43 | 3.507 | 3.492 | 0.015 | 100 | 1302064 | 12.7 | |
| 20 Isopropyl alcohol | 45 | 3.671 | 3.642 | 0.029 | 99 | 71156 | 0.5220 | |
| 21 3-Chloro-1-propene | 41 | 3.836 | 3.788 | 0.048 | 33 | 7115 | 0.0858 | |
| 22 Methylene Chloride | 84 | 3.964 | 3.960 | 0.004 | 98 | 106802 | 2.34 | |
| 25 Hexane | 56 | 4.402 | 4.402 | 0.000 | 91 | 12544 | 0.2405 | |
| 34 cis-1,2-Dichloroethene | 61 | 5.426 | 5.362 | 0.064 | 67 | 21579 | 0.2829 | |
| 43 2-Butanone (MEK) | 72 | 5.411 | 5.400 | 0.011 | 98 | 11505 | 0.3695 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.640 | 5.636 | 0.004 | 94 | 432286 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 96 | 1862420 | 10.0 | |
| 55 Methyl methacrylate | 69 | 7.454 | 7.450 | 0.004 | 92 | 9676 | 0.1392 | |
| 59 Toluene | 91 | 8.548 | 8.548 | 0.000 | 97 | 167112 | 0.8504 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.965 | 0.004 | 90 | 1821534 | 10.0 | |
| 70 Ethylbenzene | 91 | 10.055 | 10.055 | 0.000 | 98 | 25061 | 0.1001 | |
| 72 m-Xylene & p-Xylene | 91 | 10.157 | 10.157 | 0.000 | 98 | 73610 | 0.3883 | |
| 73 o-Xylene | 91 | 10.479 | 10.457 | 0.022 | 97 | 23952 | 0.1195 | |
| 74 Styrene | 104 | 10.505 | 10.502 | 0.003 | 96 | 16939 | 0.1219 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 97562 | 0 | |

## QC Flag Legend
Processing Flags

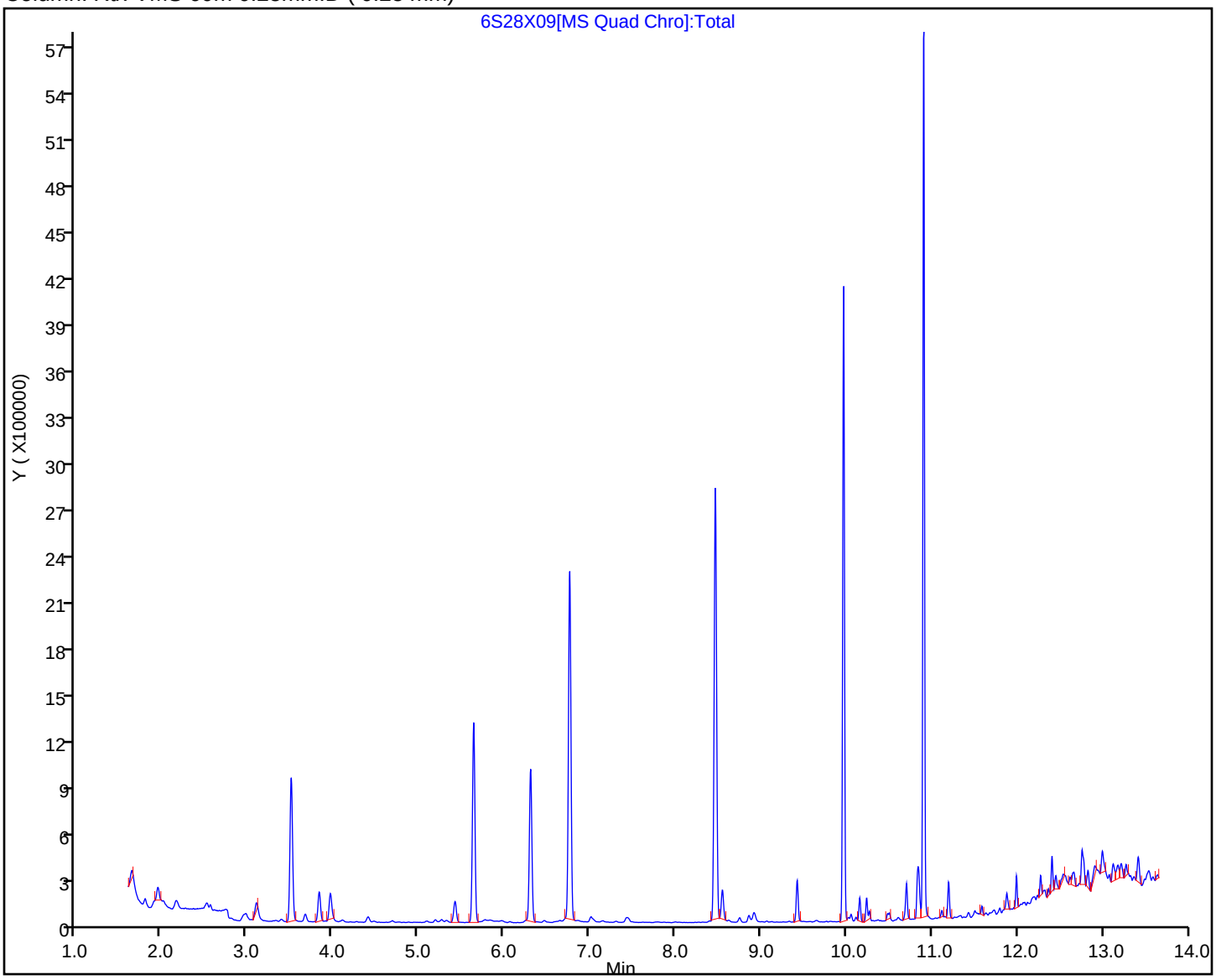
## Reagents:
AIRIS200 ppb_00531 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Sep-2025 13:10:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X09.D | | | | |
| Injection Date: | 29-Sep-2025 07:43:41 | Instrument ID: | HP26379 | | |
| Lims ID: | 460-335451-A-3 DL | Lab Sample ID: | 410-335451-3 | | |
| Client ID: | C241174_PLR-IA03_MW30D_092125 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 10 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 4.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |

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



Report Date: 29-Sep-2025 13:10:45 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X09.D

Injection Date: 29-Sep-2025 07:43:41 Instrument ID: HP26379

Lims ID: 460-335451-A-3 DL Lab Sample ID: 410-335451-3

Client ID: C241174_PLR-IA03_MW30D_092125

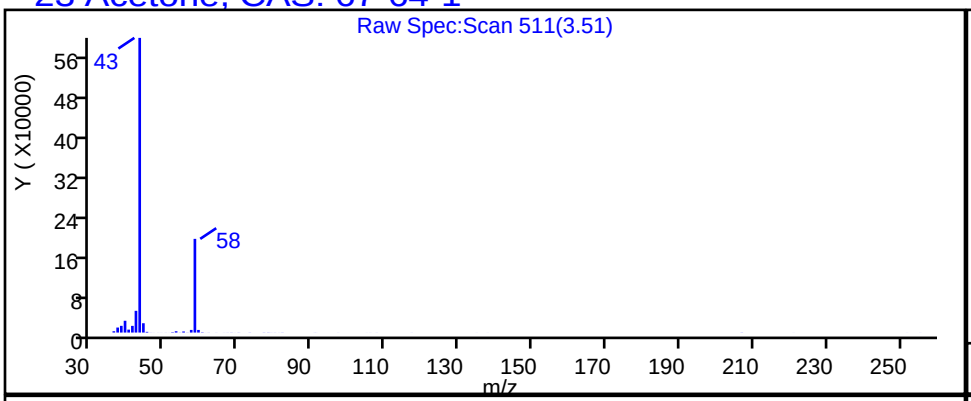
Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 9

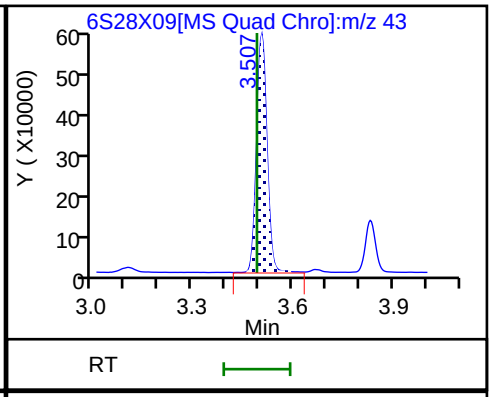
Purge Vol: 200.000 mL Dil. Factor: 4.0000

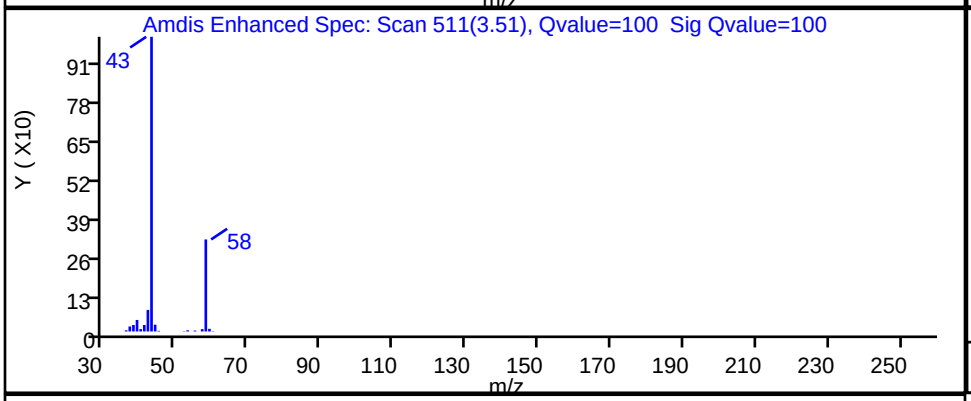
Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

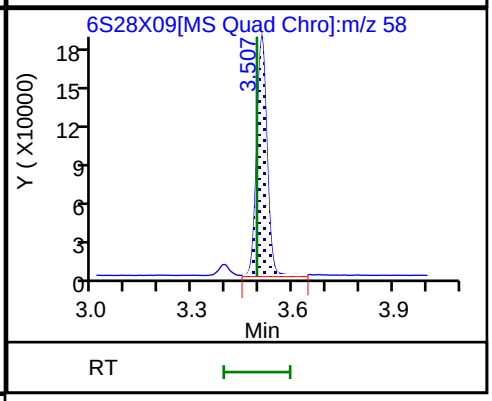
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm) Detector MS Quad

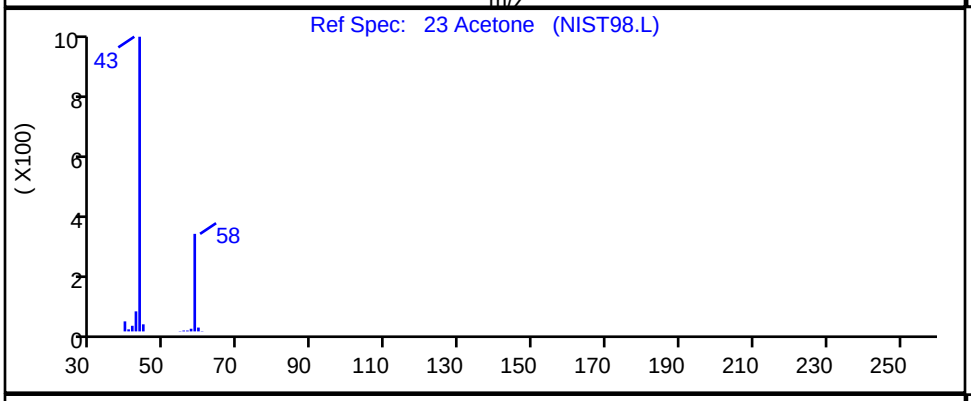
## 23 Acetone, CAS: 67-64-1

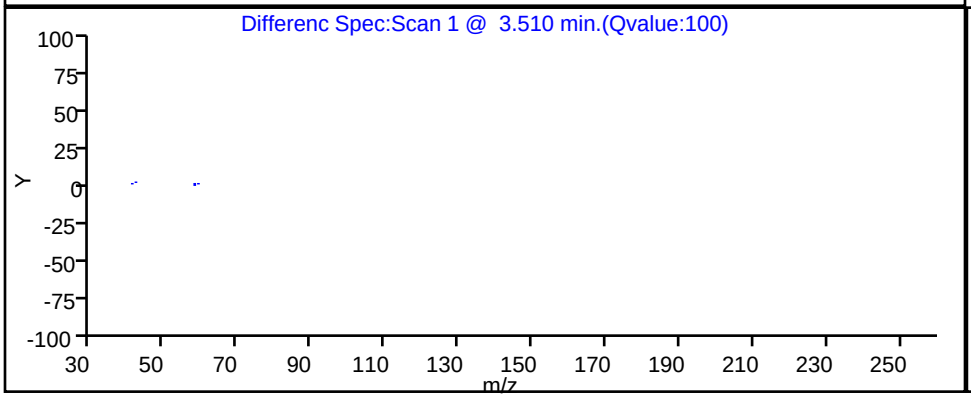


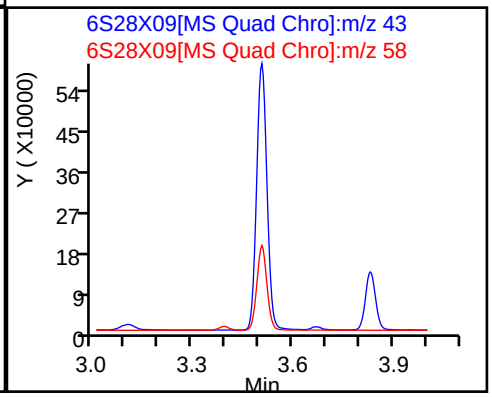



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW30D_092125
Lab Sample ID: 460-335451-4

Matrix: Air
Lab File ID: 7S26X21.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:13

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.2 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 0.97 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 24 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.19 | J | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.51 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.31 | J | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW30D_092125
Lab Sample ID: 460-335451-4

Matrix: Air
Lab File ID: 7S26X21.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:13

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.29 | J | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.61 | J | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.78 | J | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW30D_092125
Lab Sample ID: 460-335451-4

Matrix: Air
Lab File ID: 7S26X21.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 13:13

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 19:41

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X21.D
Lims ID: 460-335451-A-4
Client ID: C241174_PLR-AA03_MW30D_092125
Sample Type: Client
Inject. Date: 26-Sep-2025 19:41:03 ALS Bottle#: 19 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-4
Misc. Info.: 410-0161031-022
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:27:04

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 81 | 31448 | 0.4453 | |
| 3 Chlorodifluoromethane | 51 | 3.433 | 3.412 | 0.021 | 37 | 10953 | 0.2740 | |
| 5 Chloromethane | 50 | 3.791 | 3.770 | 0.021 | 87 | 12699 | 0.5021 | |
| 9 Chloroethane | 64 | 4.866 | 4.916 | -0.050 | 1 | 2255 | 0.1450 | |
| 12 Trichlorofluoromethane | 101 | 5.425 | 5.410 | 0.015 | 72 | 13550 | 0.2106 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.008 | 98 | 461450 | 10.0 | |
| 20 Isopropyl alcohol | 45 | 6.607 | 6.592 | 0.015 | 90 | 14460 | 0.4253 | |
| 17 Carbon disulfide | 76 | 6.764 | 6.757 | 0.007 | 85 | 6475 | 0.0703 | |
| 22 Methylene Chloride | 84 | 7.201 | 7.194 | 0.007 | 79 | 3385 | 0.1389 | |
| 27 2-Methyl-2-propanol | 59 | 7.309 | 7.294 | 0.015 | 68 | 4251 | 0.1507 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 71 | 1842 | 0.0772 | |
| 43 2-Butanone (MEK) | 72 | 9.192 | 9.178 | 0.014 | 98 | 7636 | 0.5846 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 90 | 309154 | 10.0 | |
| 36 Cyclohexane | 56 | 10.202 | 10.188 | 0.014 | 33 | 2442 | 0.0553 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.310 | 0.000 | 55 | 4214 | 0.0816 | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 27 | 7822 | 0.0901 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 58 | 8729 | 0.0657 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1074449 | 10.0 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 73 | 17183 | 0.1617 | |
| 67 2-Hexanone | 43 | 13.698 | 13.719 | -0.021 | 19 | 12264 | 0.1895 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1031896 | 10.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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|---|---|---|---|---|---|
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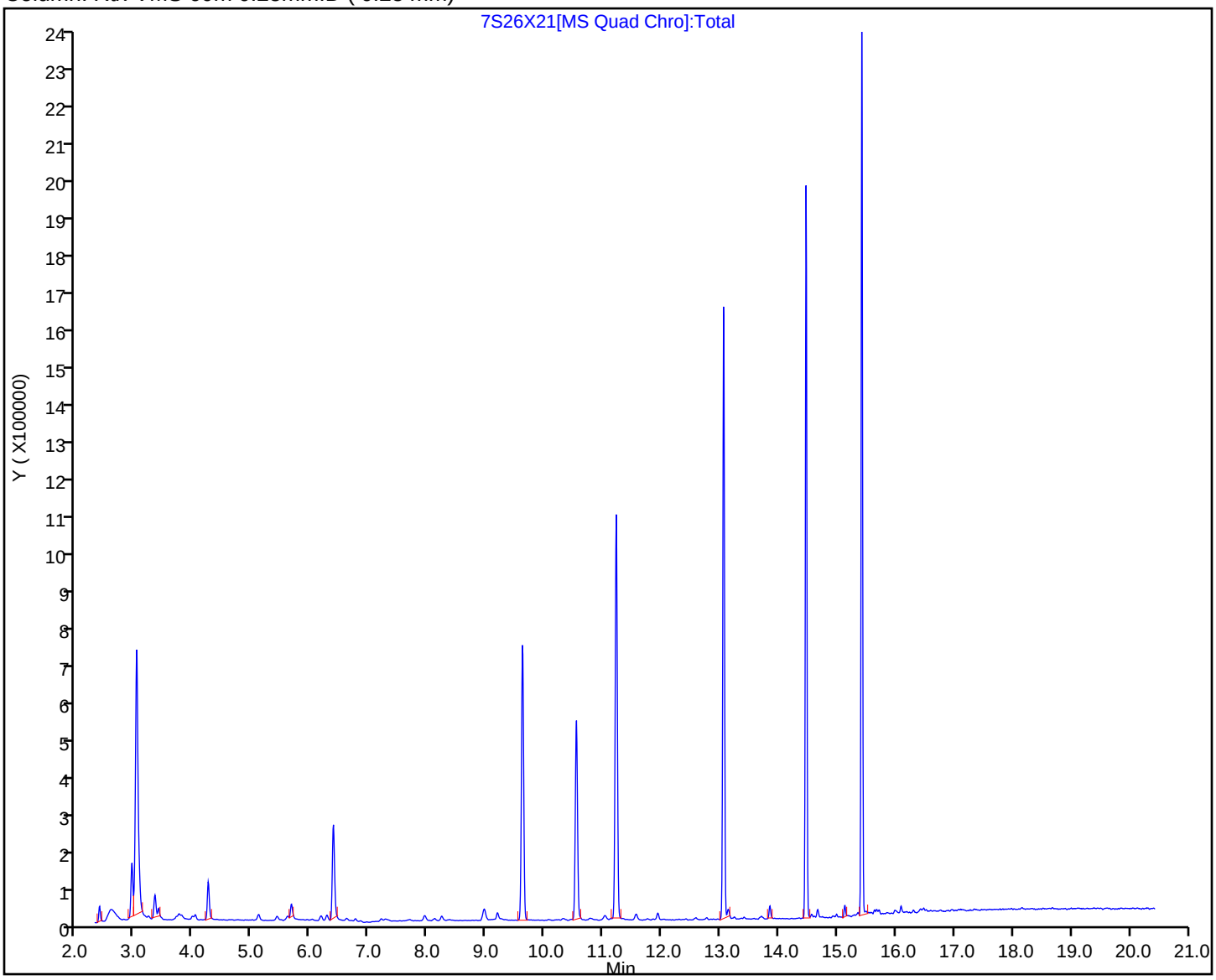
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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



Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
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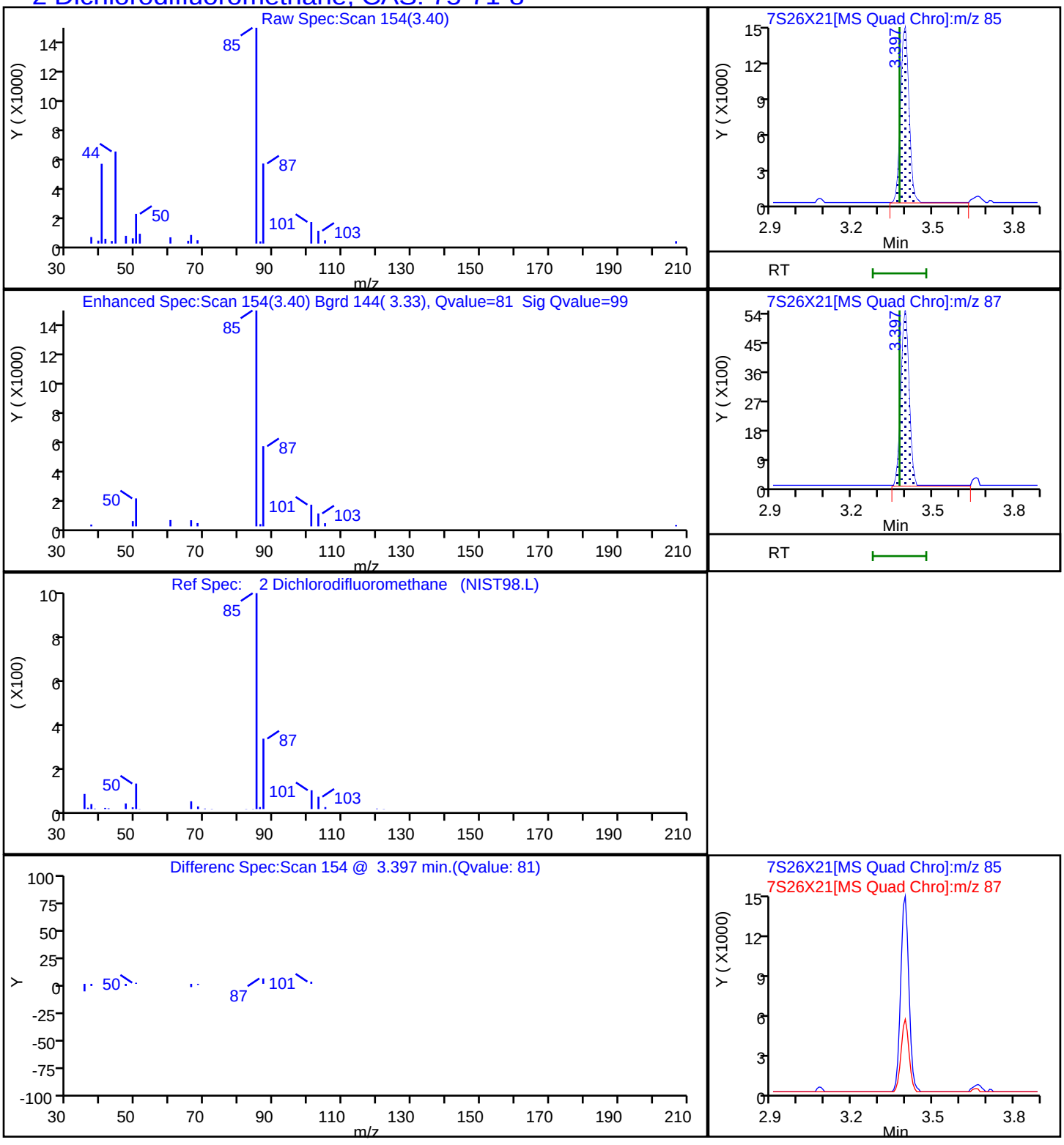
## 2 Dichlorodifluoromethane, CAS: 75-71-8



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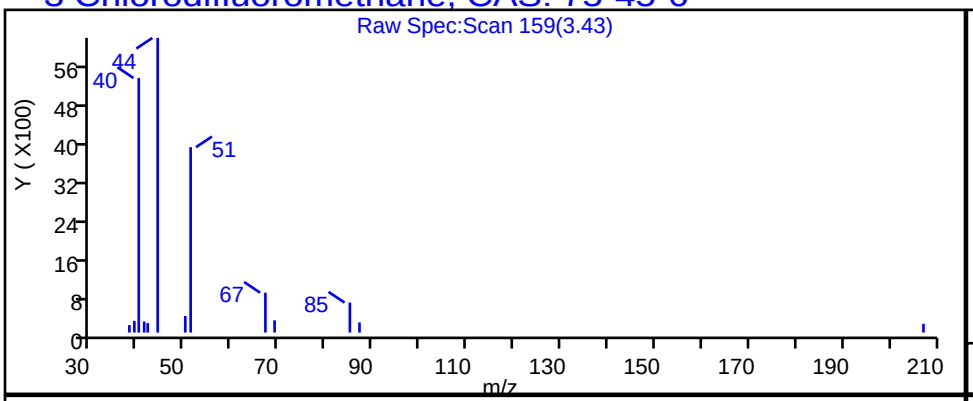
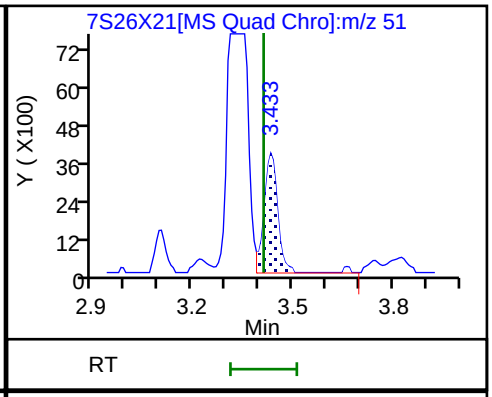
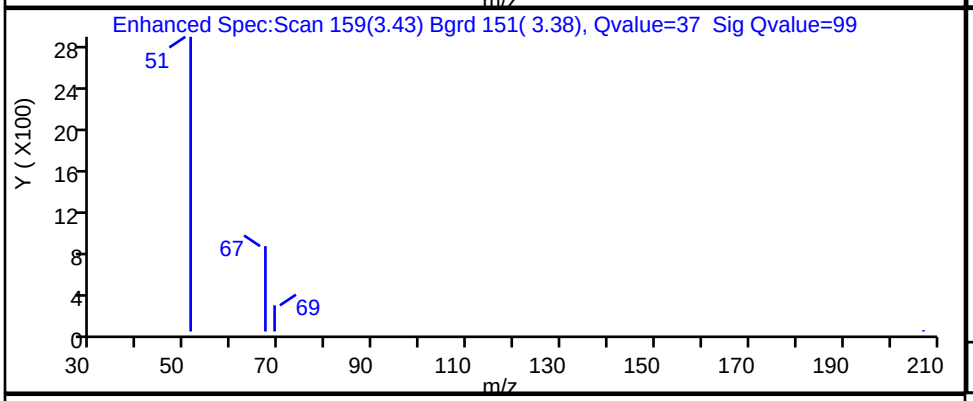
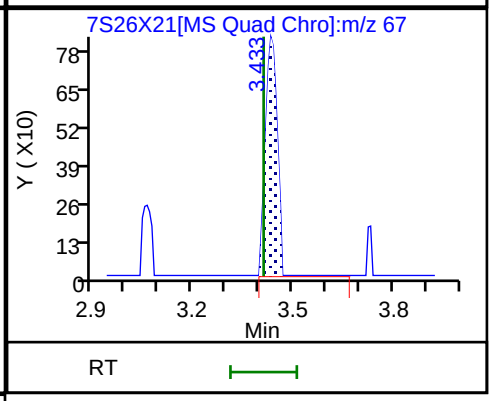
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

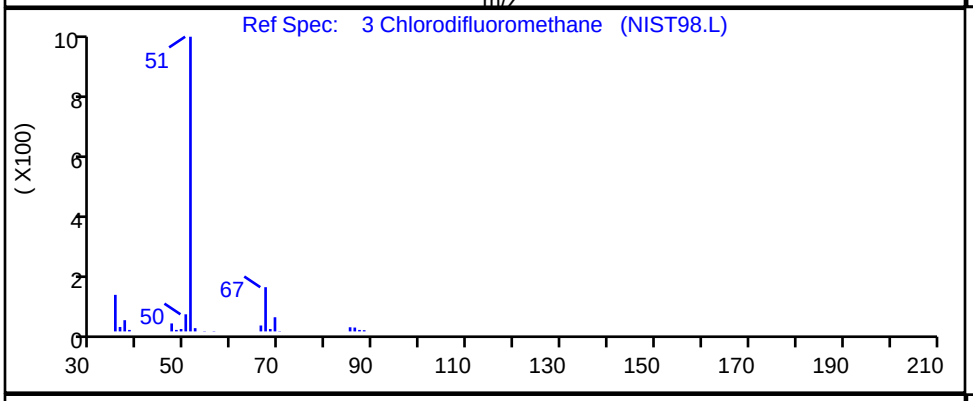
## 3 Chlorodifluoromethane, CAS: 75-45-6

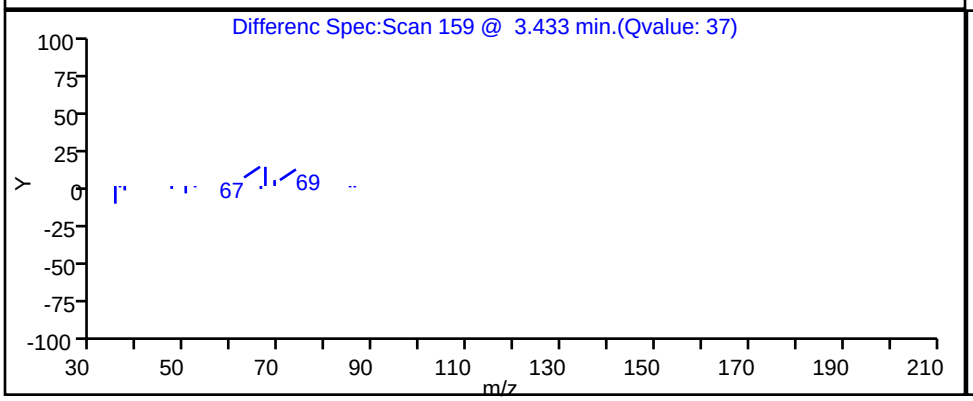


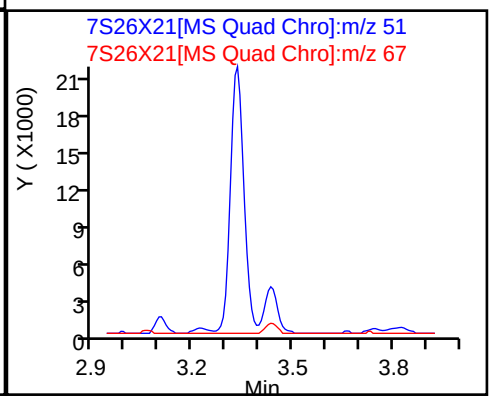



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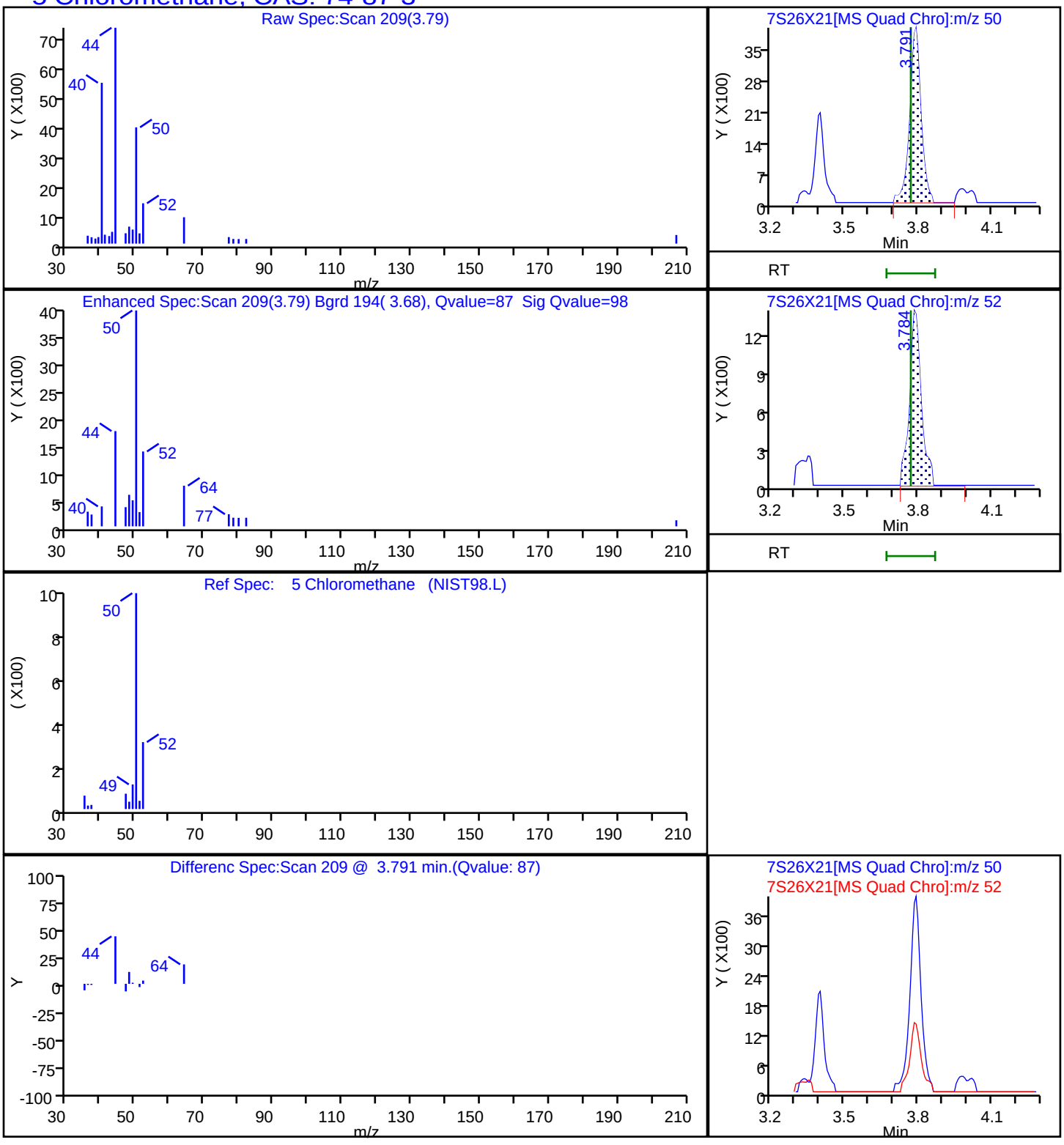
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3



Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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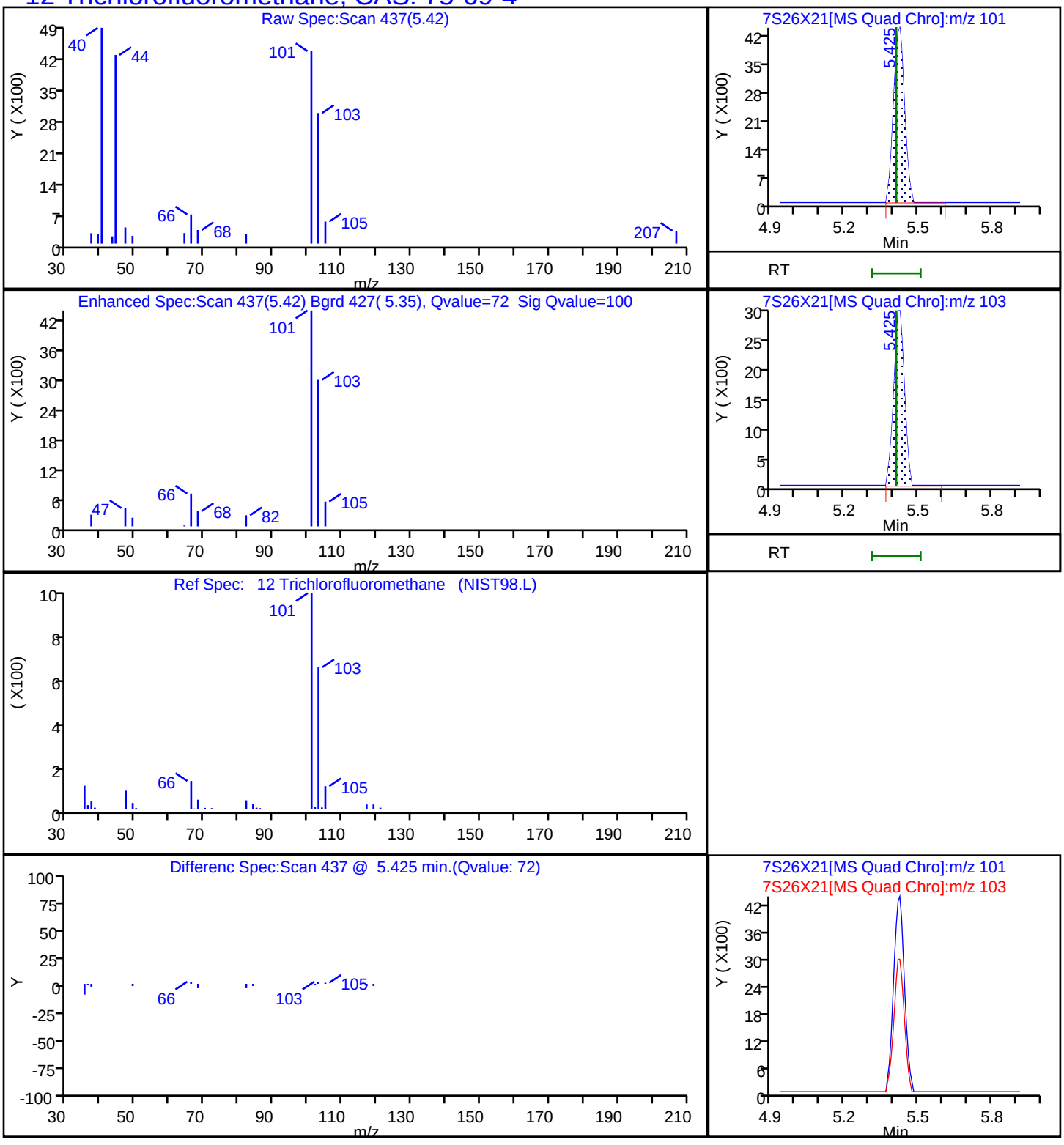
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4



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Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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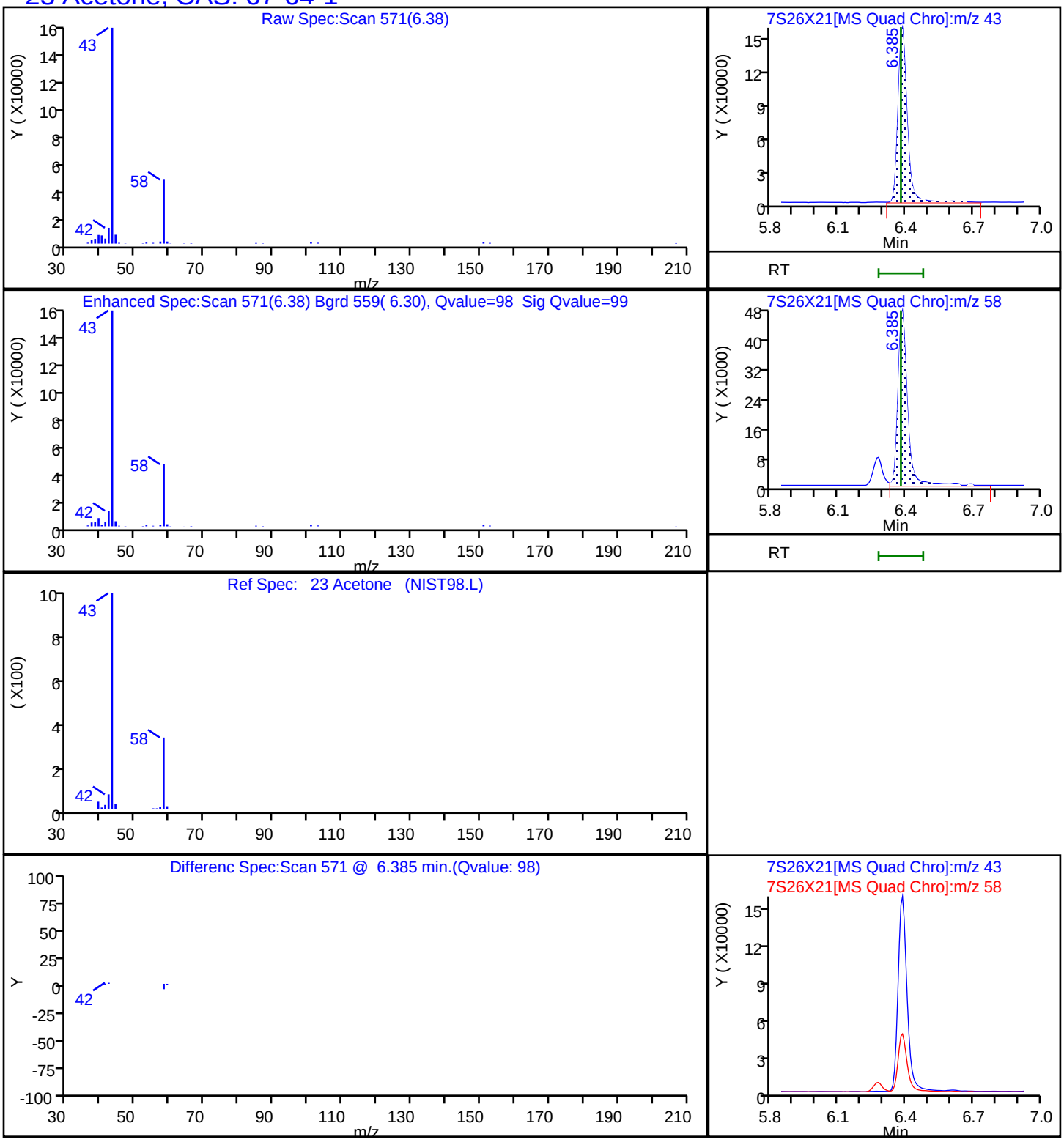
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



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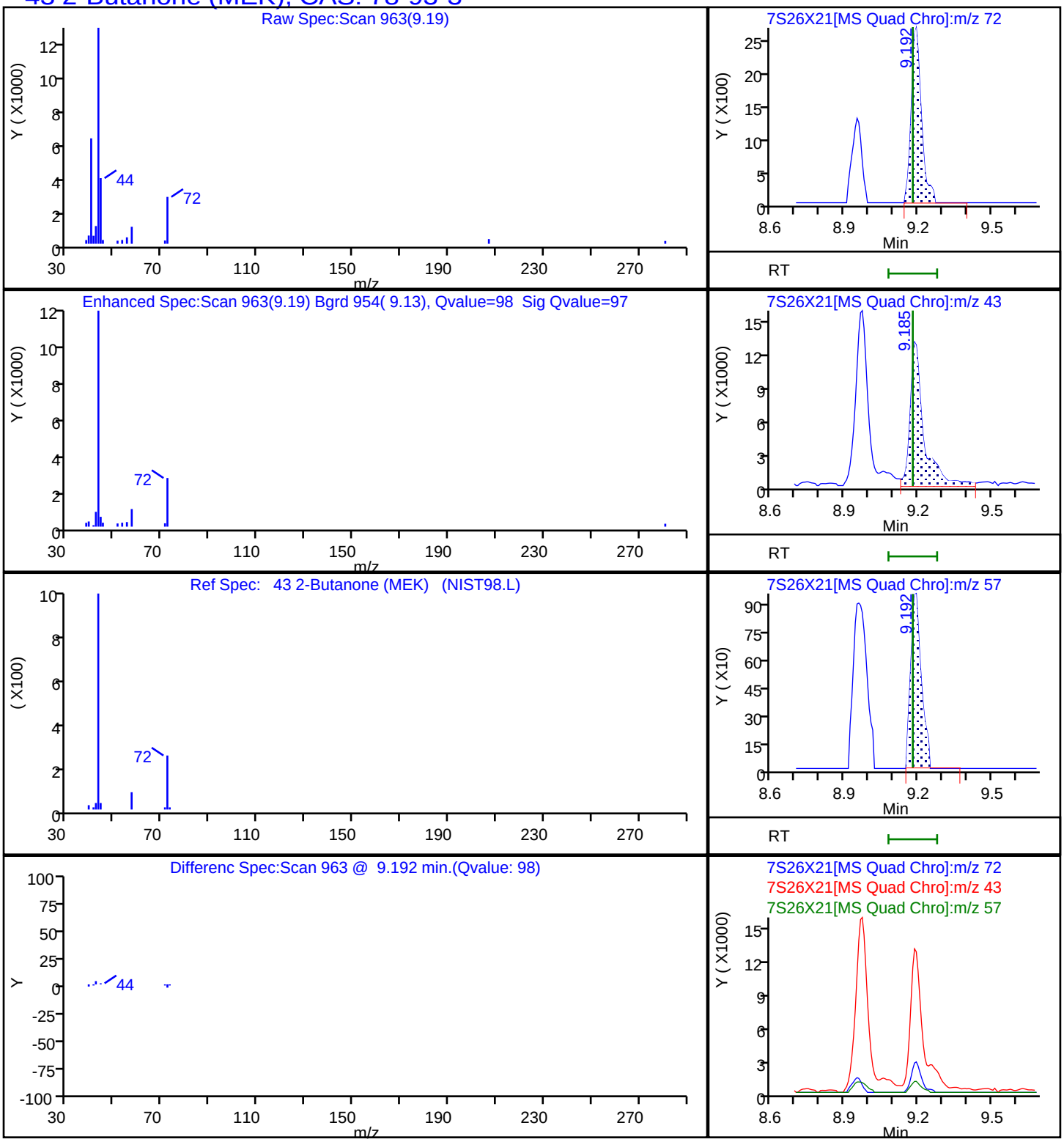
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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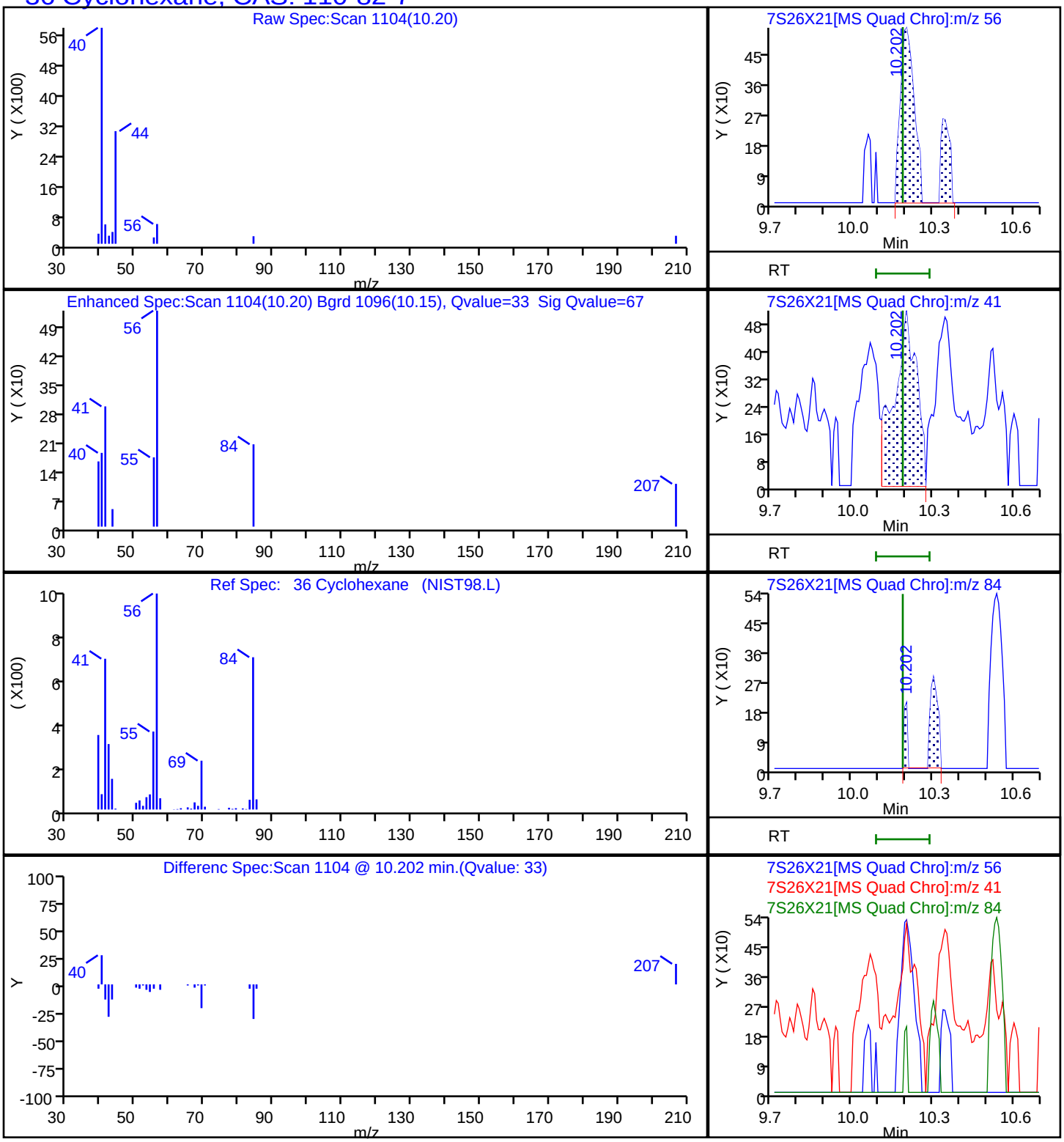
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



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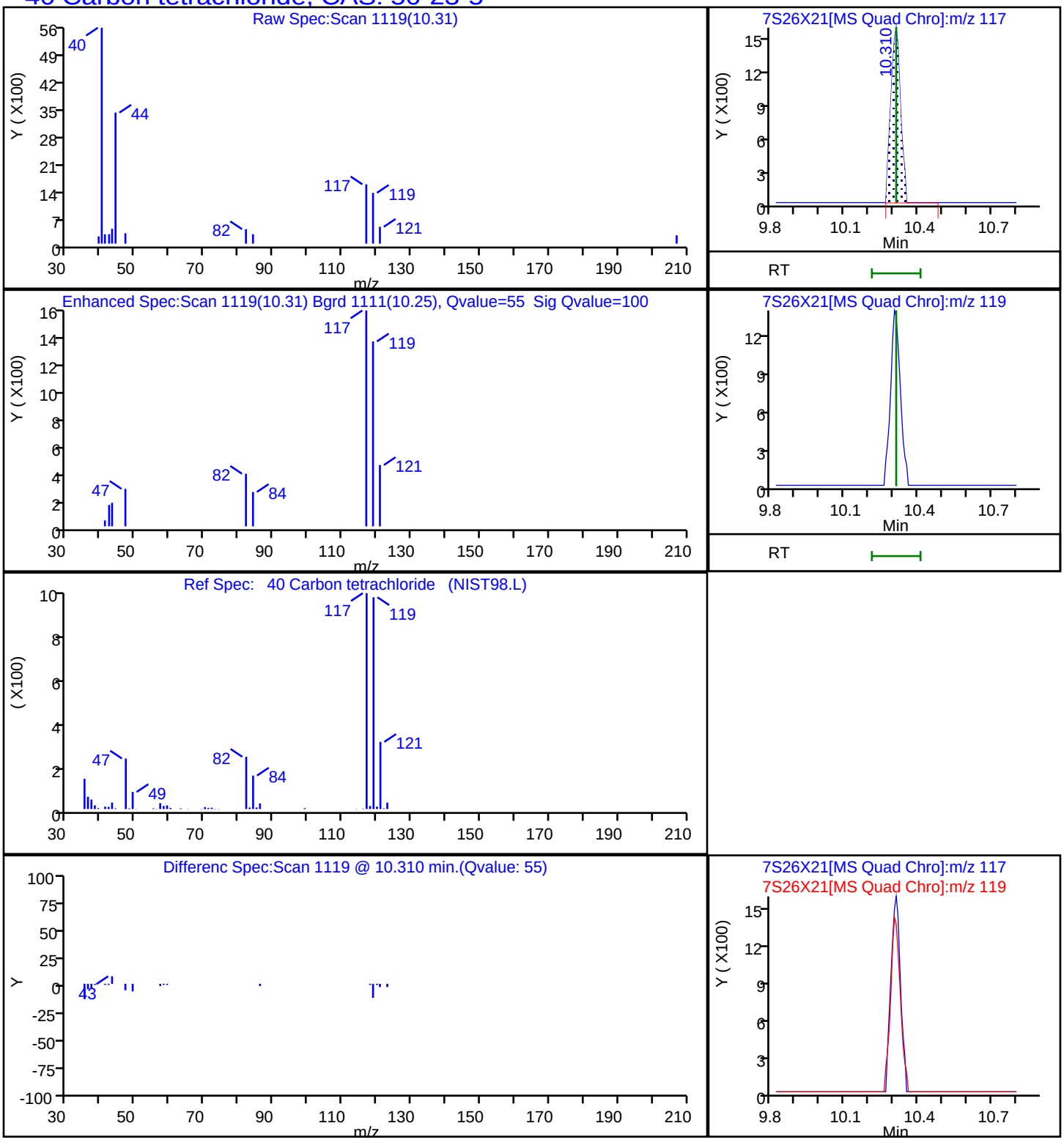
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X21.D | | | | |
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5



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Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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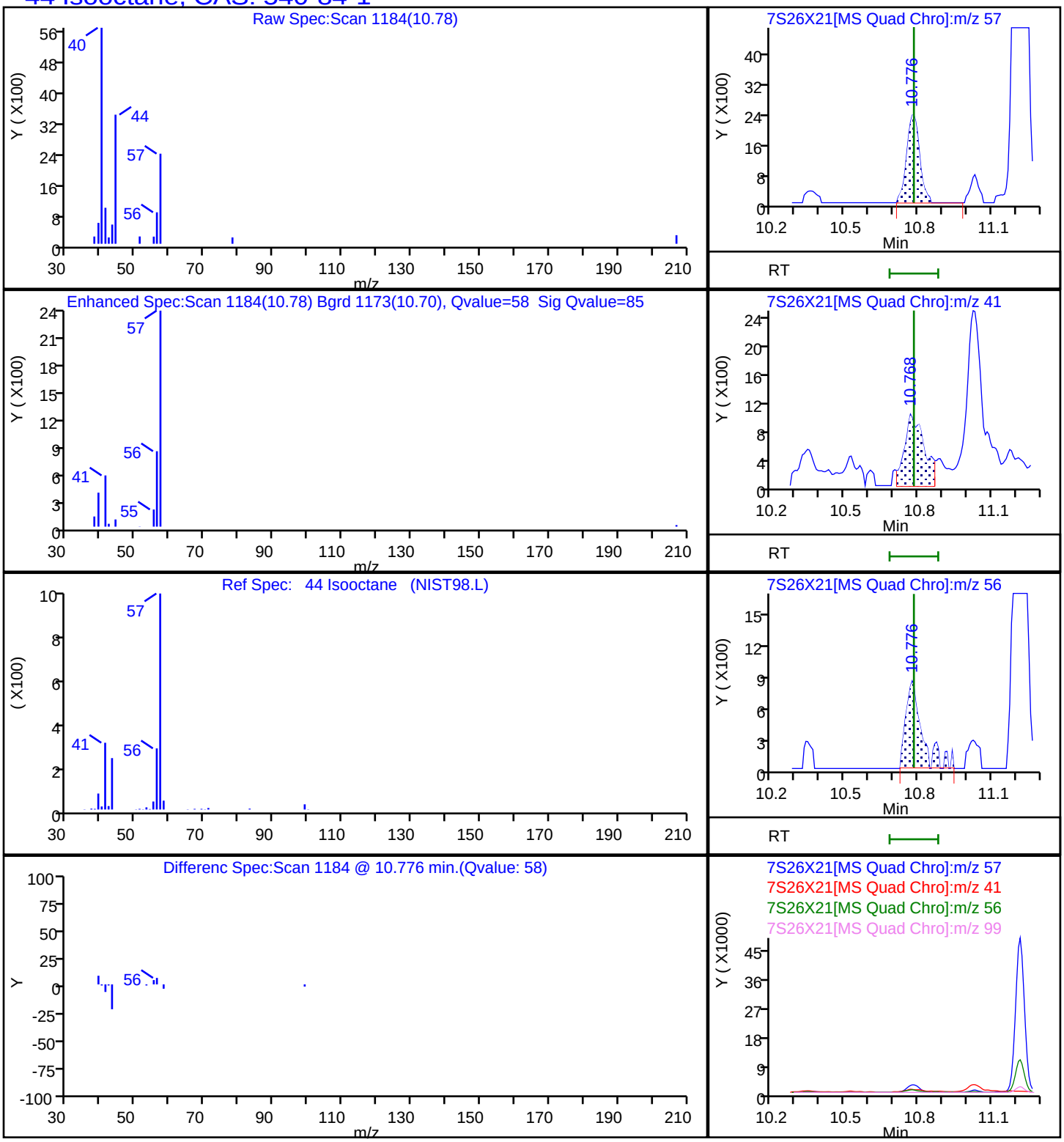
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



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Report Date: 28-Sep-2025 14:48:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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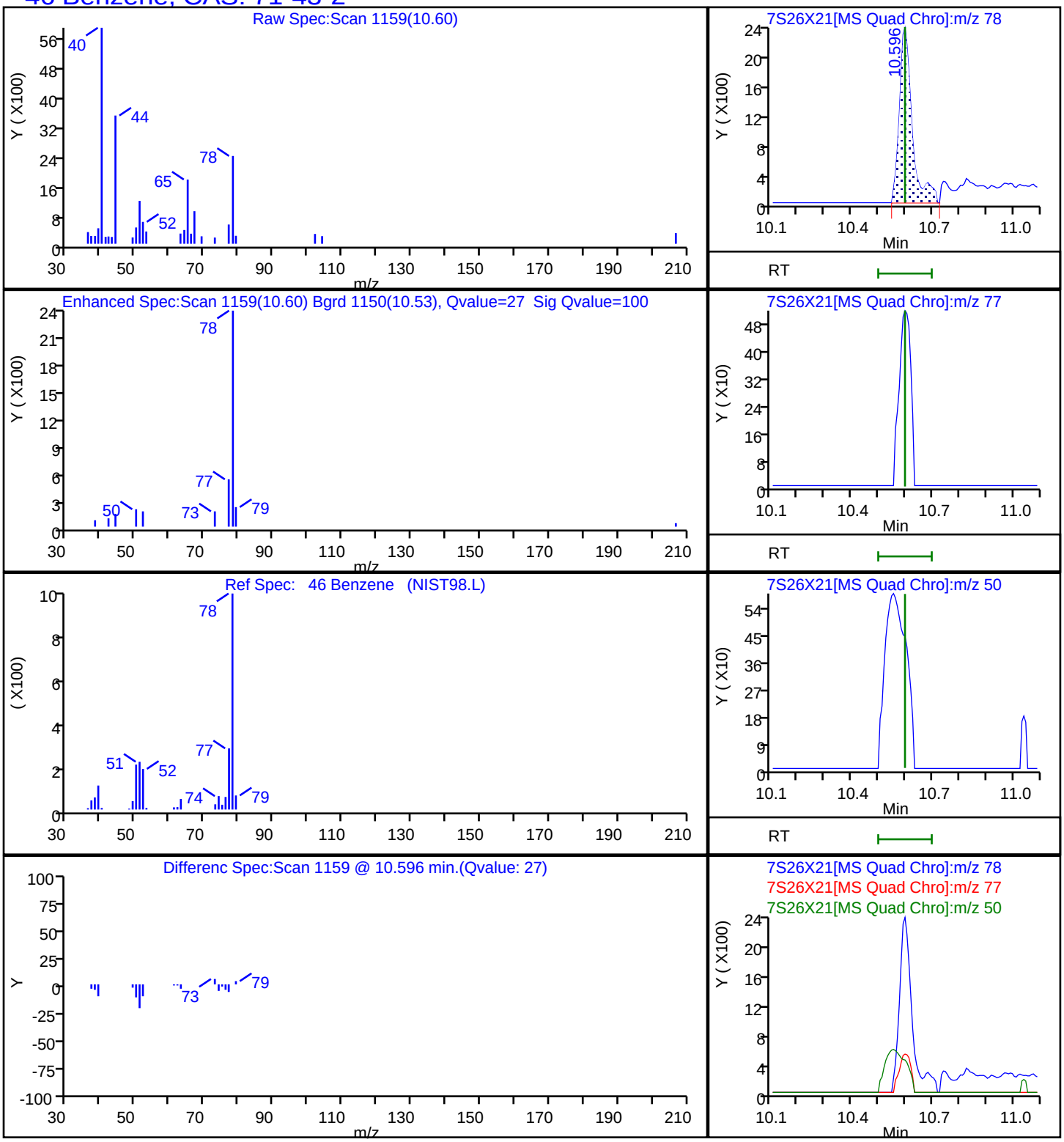
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X21.D | | | | |
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



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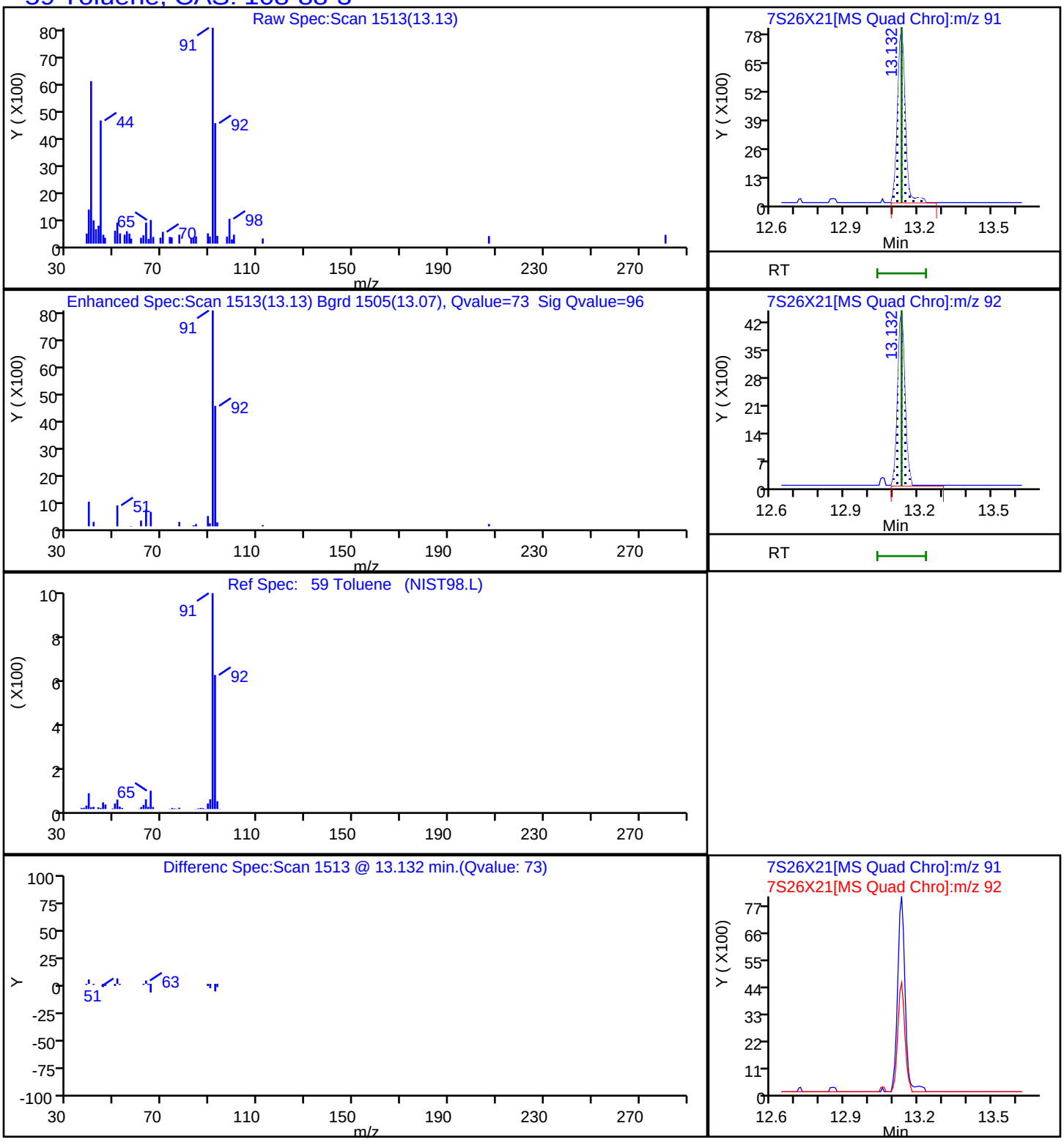
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

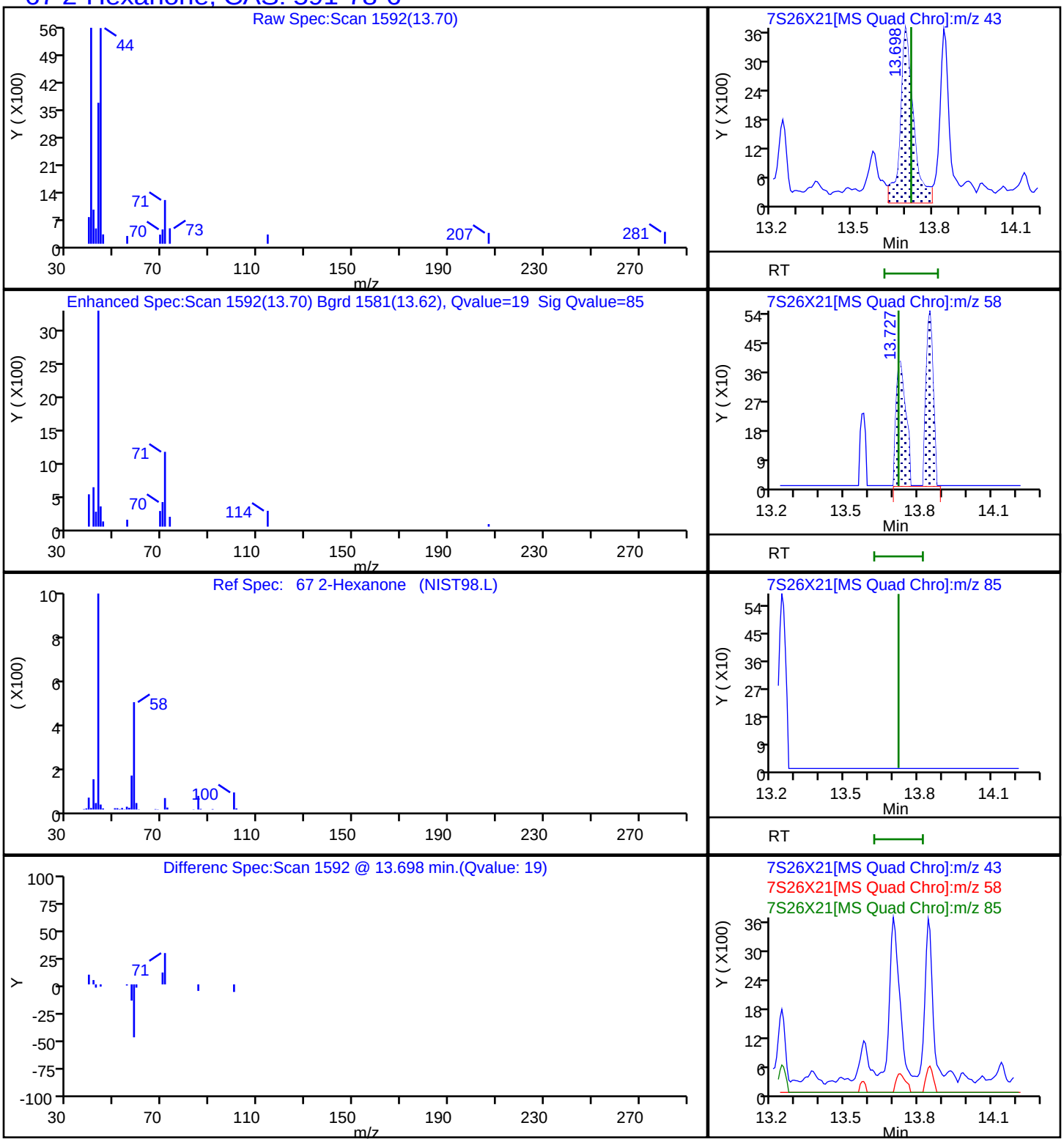
## 59 Toluene, CAS: 108-88-3



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X21.D | | | | |
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6



User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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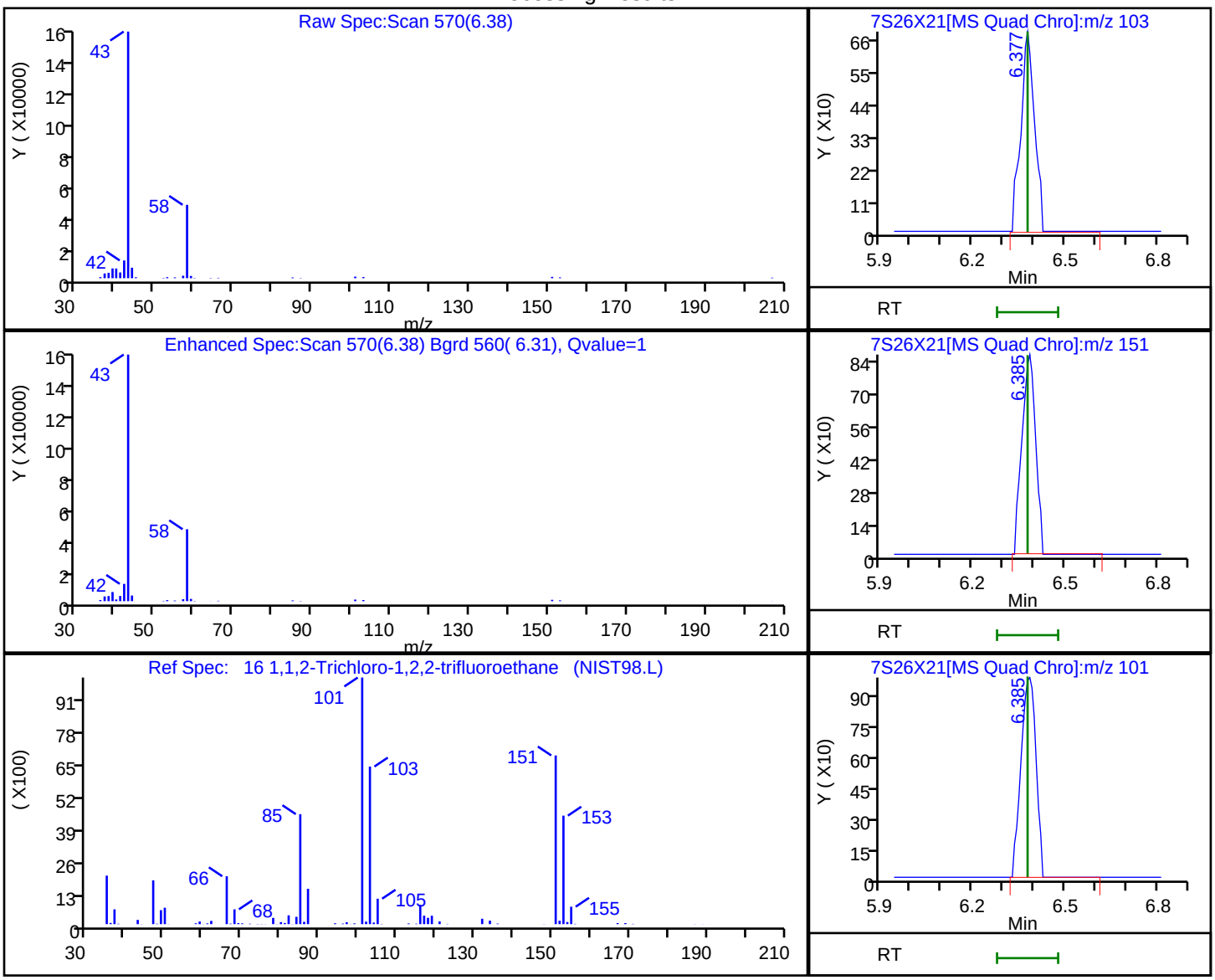
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X21.D | | | | |
| Injection Date: | 26-Sep-2025 19:41:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-4 | Lab Sample ID: | 410-335451-4 | | |
| Client ID: | C241174_PLR-AA03_MW30D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 19 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.38 | 103.00 | 2125 | 0.066232 |
| 6.38 | 151.00 | 2702 | |
| 6.38 | 101.00 | 3359 | |

Reviewer: JXC9, 28-Sep-2025 14:26:21 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-IA02_MW30D_092025
Lab Sample ID: 460-335451-5

Matrix: Air
Lab File ID: 7S26X22.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:21

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:15

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.1 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.1 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 50 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 5.7 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 0.57 | J | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.47 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.39 | J | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-IA02_MW30D_092025
Lab Sample ID: 460-335451-5

Matrix: Air
Lab File ID: 7S26X22.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:21

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:15

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.28 | J | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.73 | J | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-IA02_MW30D_092025
Lab Sample ID: 460-335451-5

Matrix: Air
Lab File ID: 7S26X22.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:21

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:15

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D
Lims ID: 460-335451-A-5
Client ID: C241174_LR-IA02_MW30D_092025
Sample Type: Client
Inject. Date: 26-Sep-2025 20:15:40 ALS Bottle#: 20 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-5
Misc. Info.: 410-0161031-023
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:31:48

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 78 | 32367 | 0.4554 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 46 | 12090 | 0.3005 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 84 | 13616 | 0.5349 | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.410 | -0.007 | 67 | 14067 | 0.2172 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 968376 | 20.9 | |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 96 | 37910 | 1.11 | |
| 17 Carbon disulfide | 76 | 6.750 | 6.757 | -0.007 | 55 | 6433 | 0.0694 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.194 | -0.007 | 92 | 40415 | 1.65 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 78 | 3874 | 0.1612 | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 98 | 7455 | 0.5671 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.250 | 9.243 | 0.007 | 1 | 6200 | 0.1173 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 311138 | 10.0 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 64 | 5077 | 0.1143 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 34 | 7684 | 0.0879 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1081716 | 10.0 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 79 | 20627 | 0.1948 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1028332 | 10.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

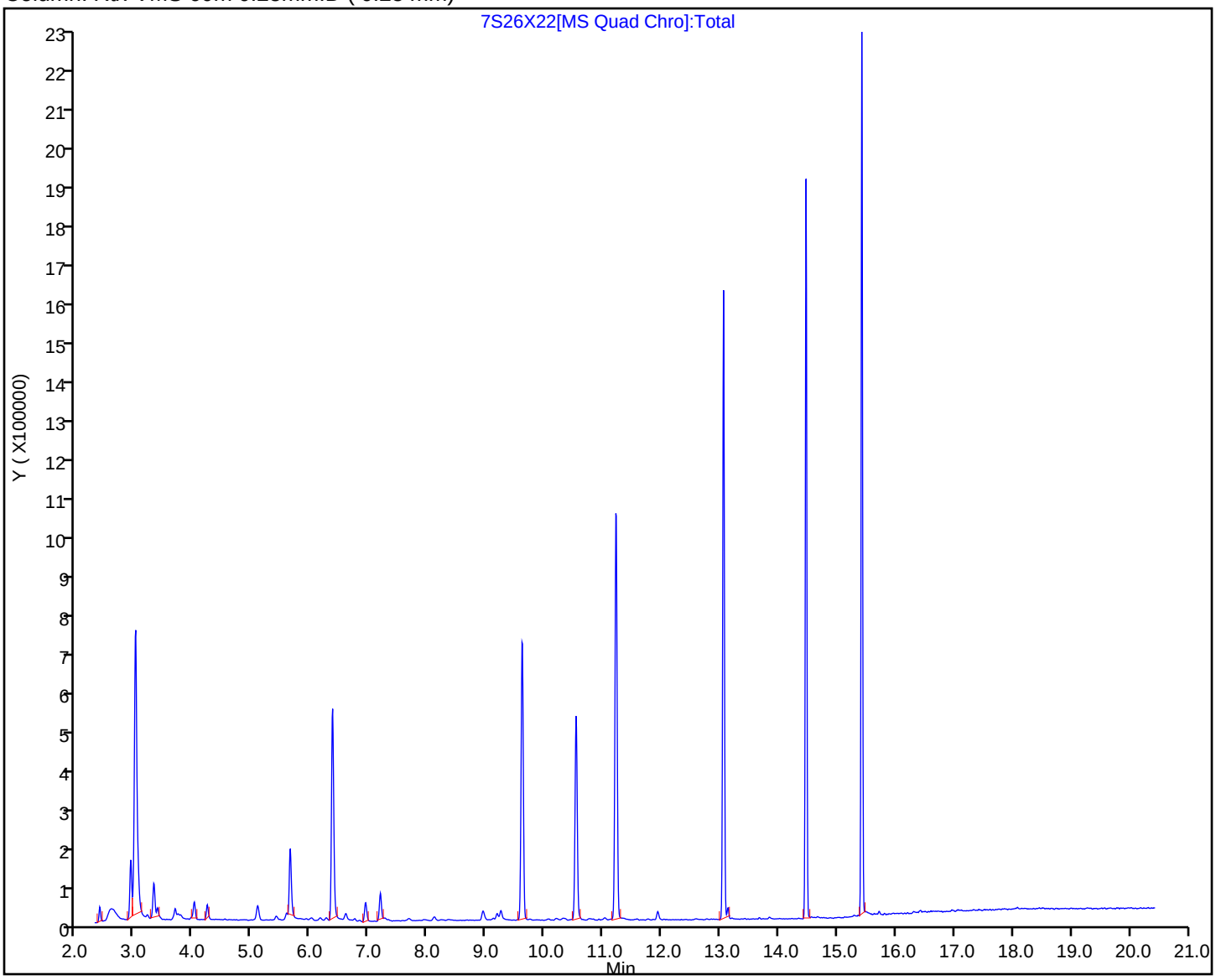
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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

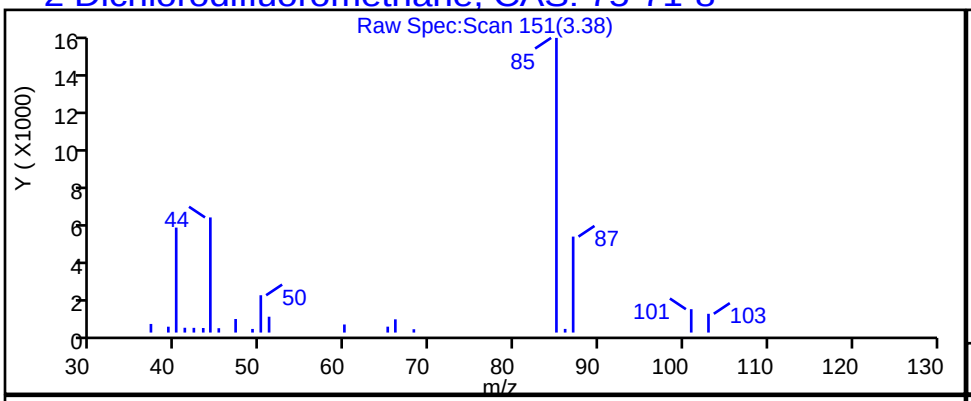


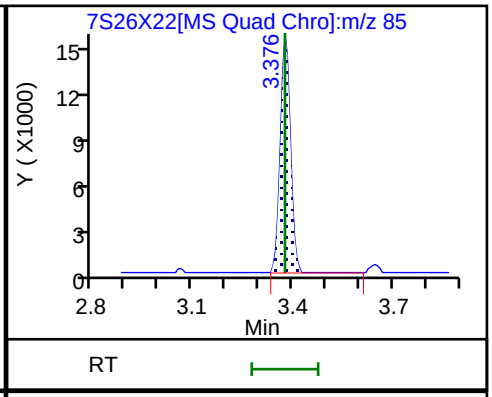
Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

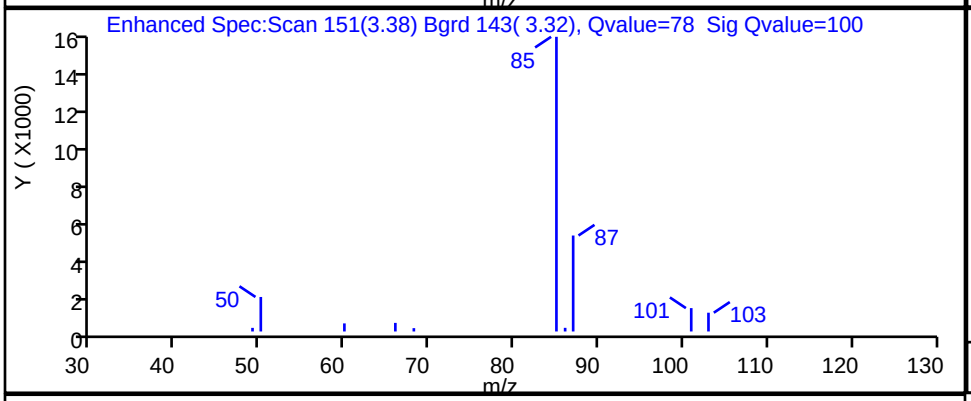
Eurofins Lancaster Laboratories Environment Testing, LLC

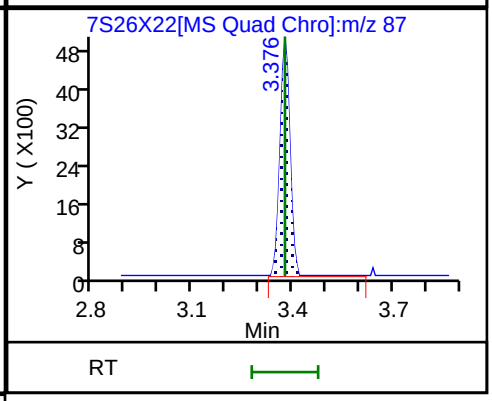
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

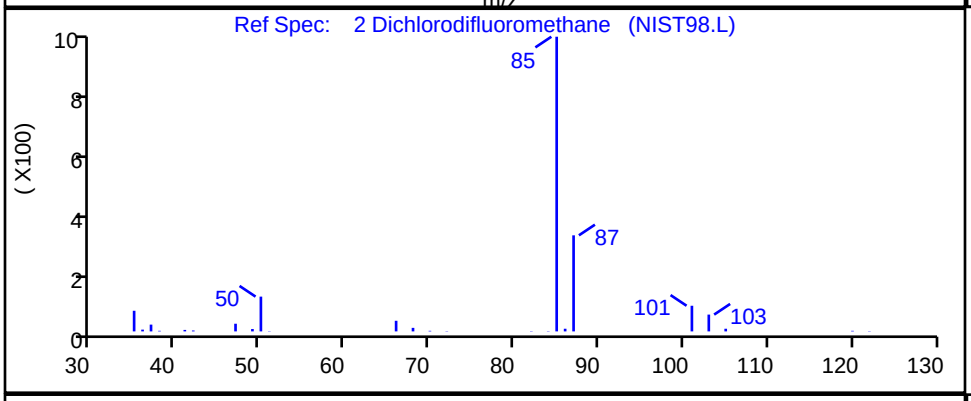
## 2 Dichlorodifluoromethane, CAS: 75-71-8

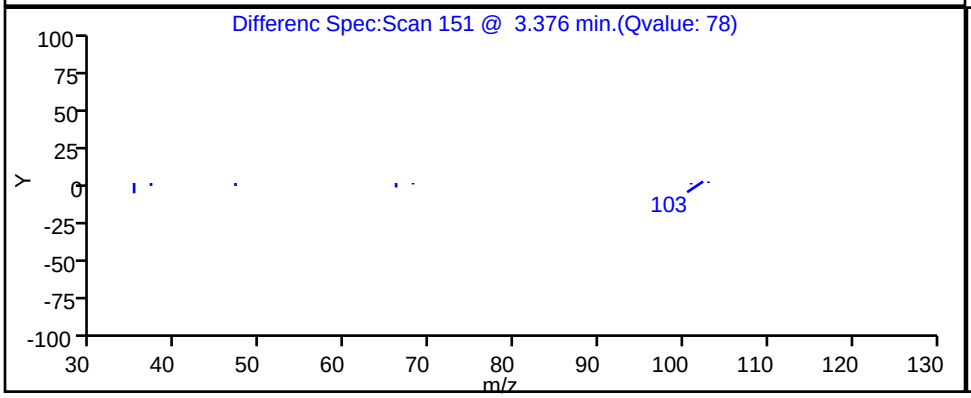


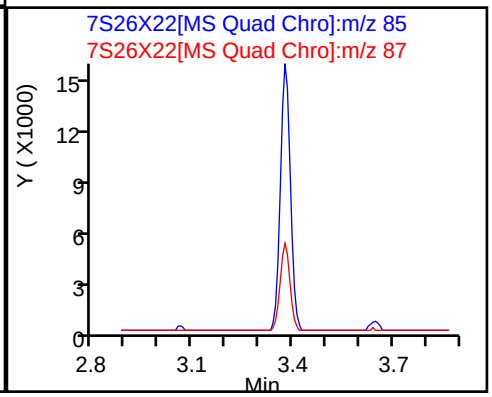



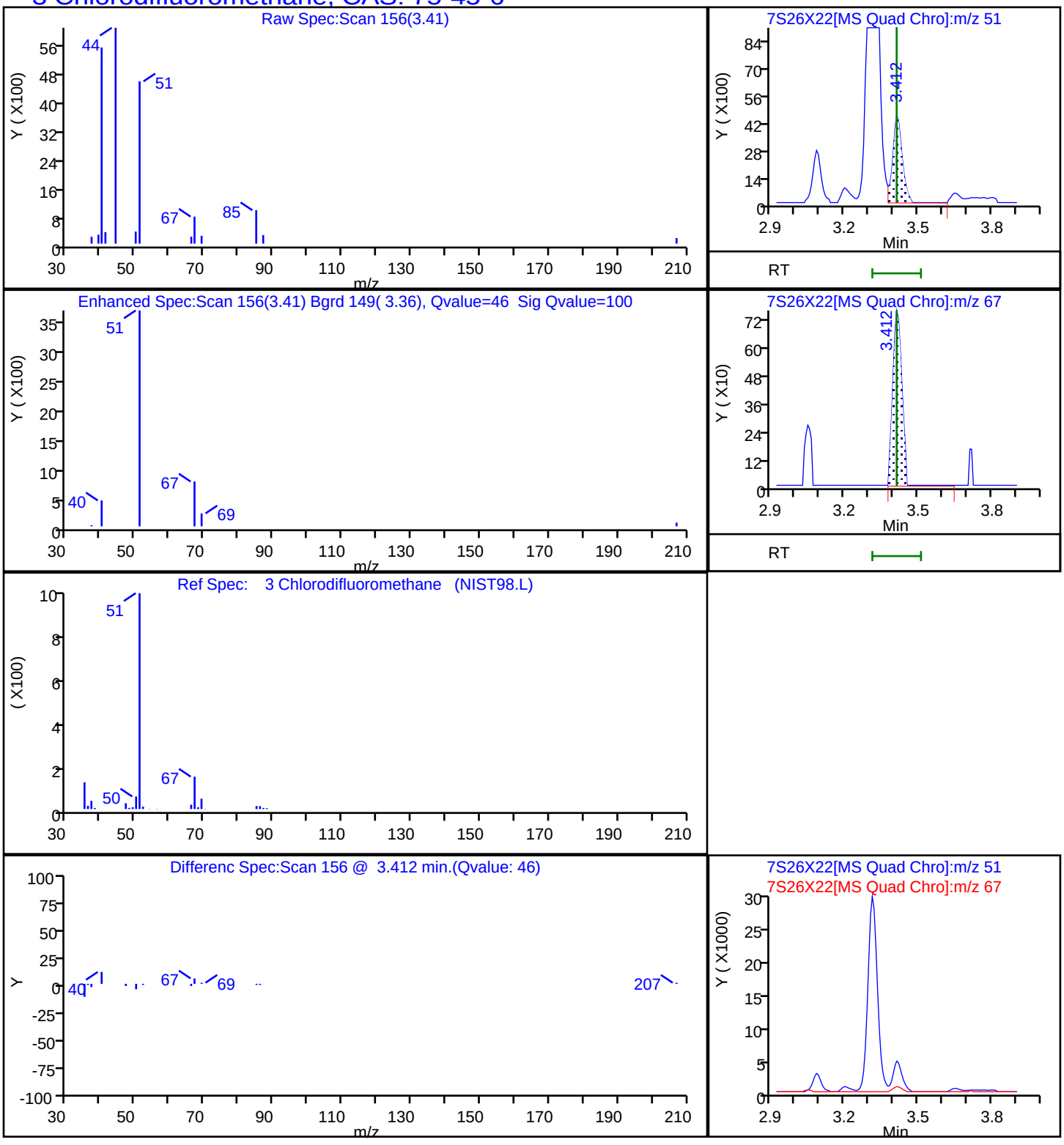



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

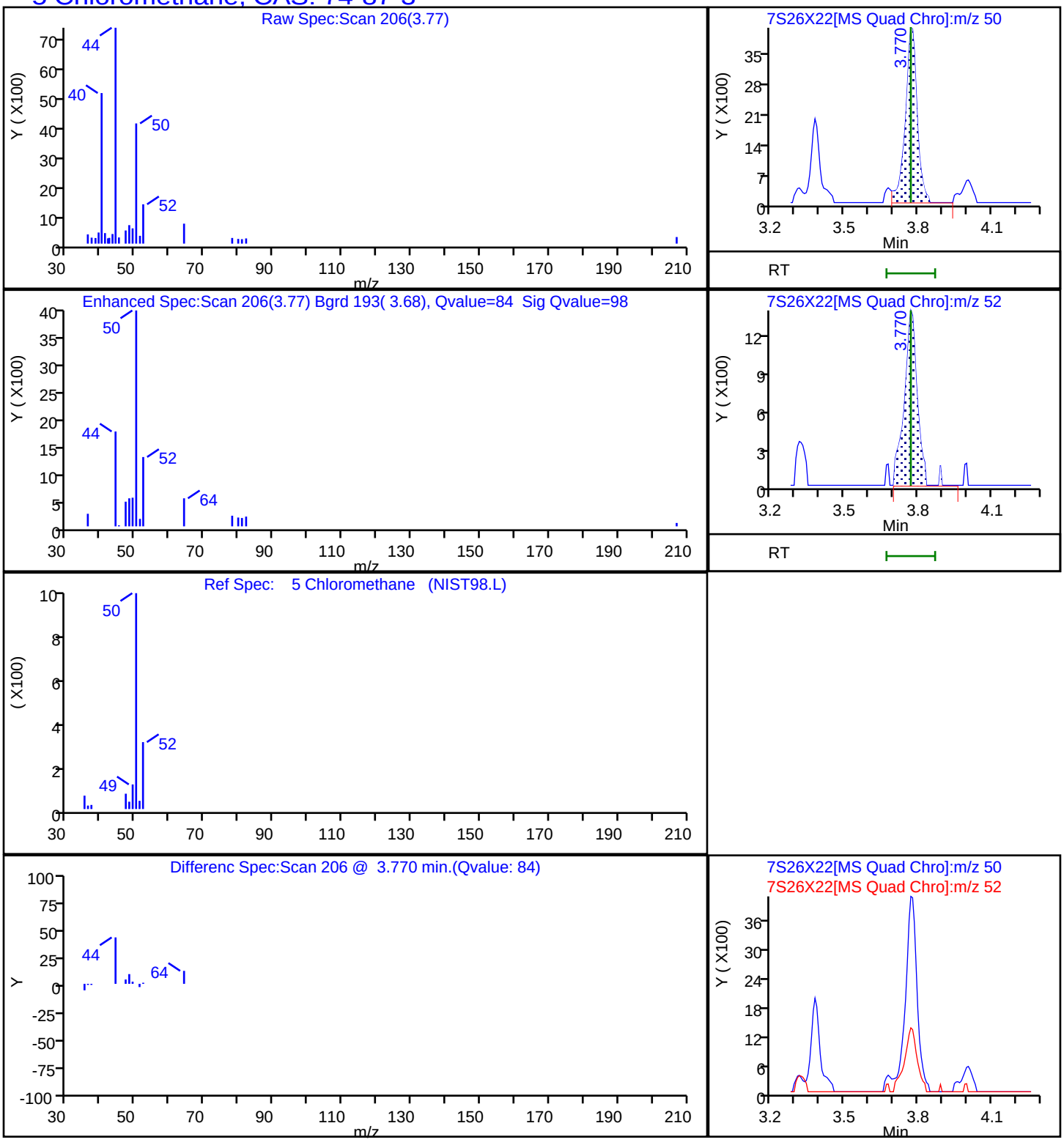
## 3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

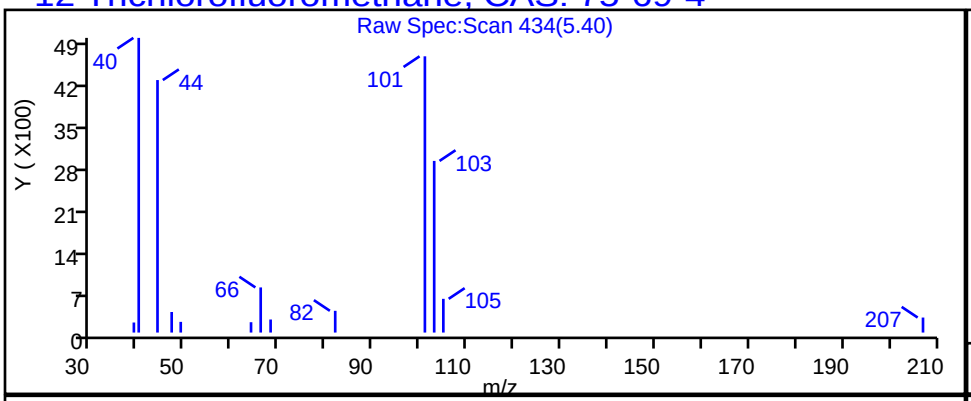


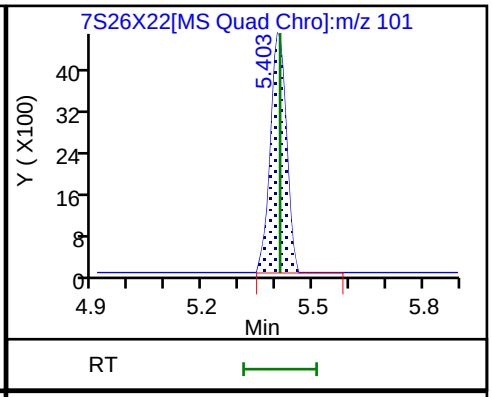
Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

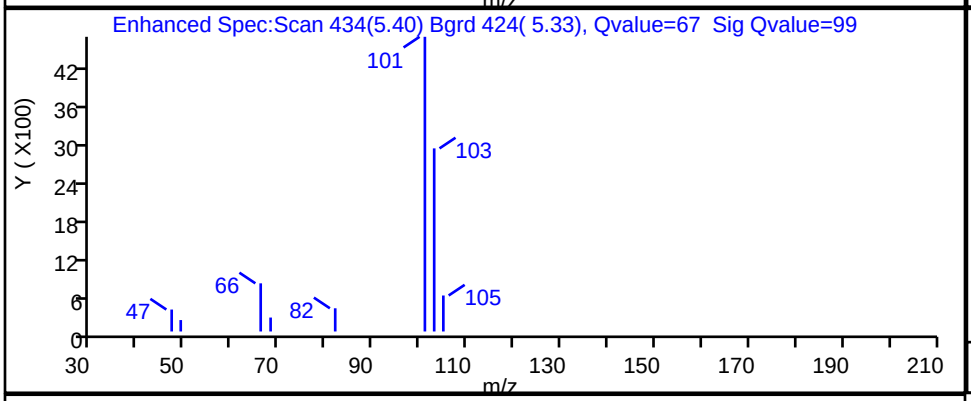
Eurofins Lancaster Laboratories Environment Testing, LLC

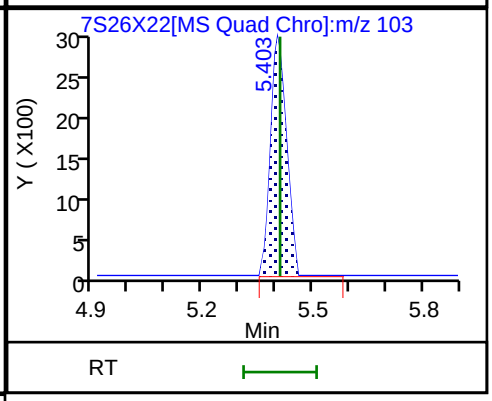
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

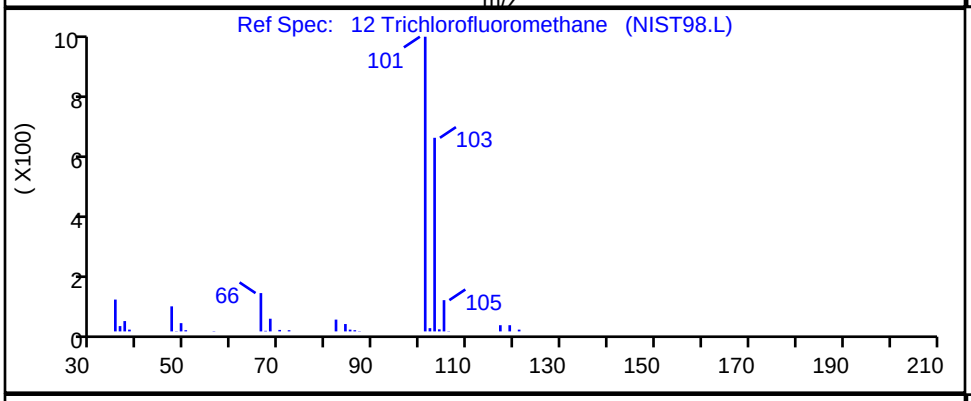
## 12 Trichlorofluoromethane, CAS: 75-69-4

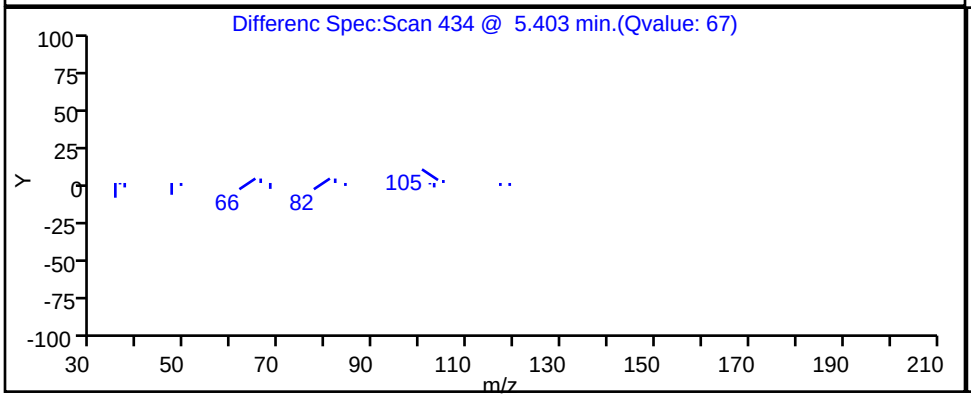


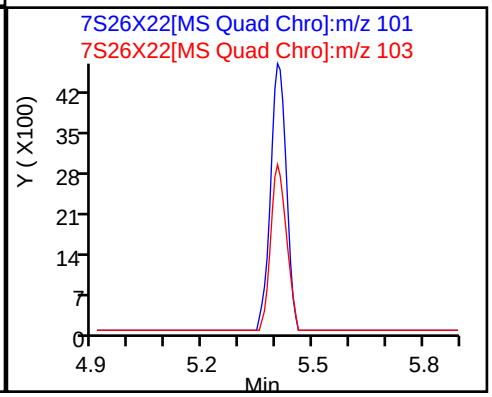



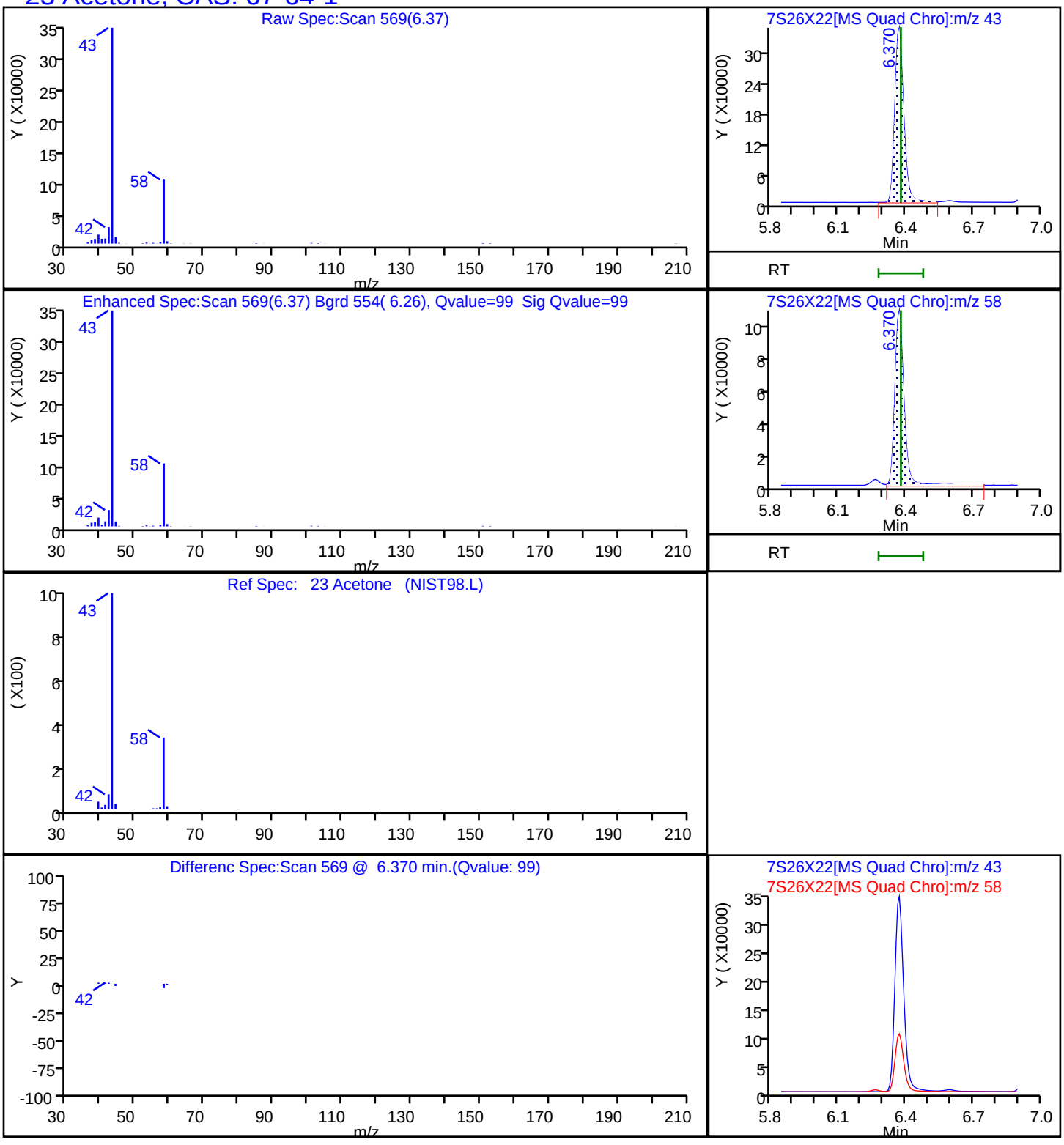



Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D

Injection Date: 26-Sep-2025 20:15:40 Instrument ID: HP8R004

Lims ID: 460-335451-A-5 Lab Sample ID: 410-335451-5

Client ID: C241174_LR-IA02_MW30D_092025

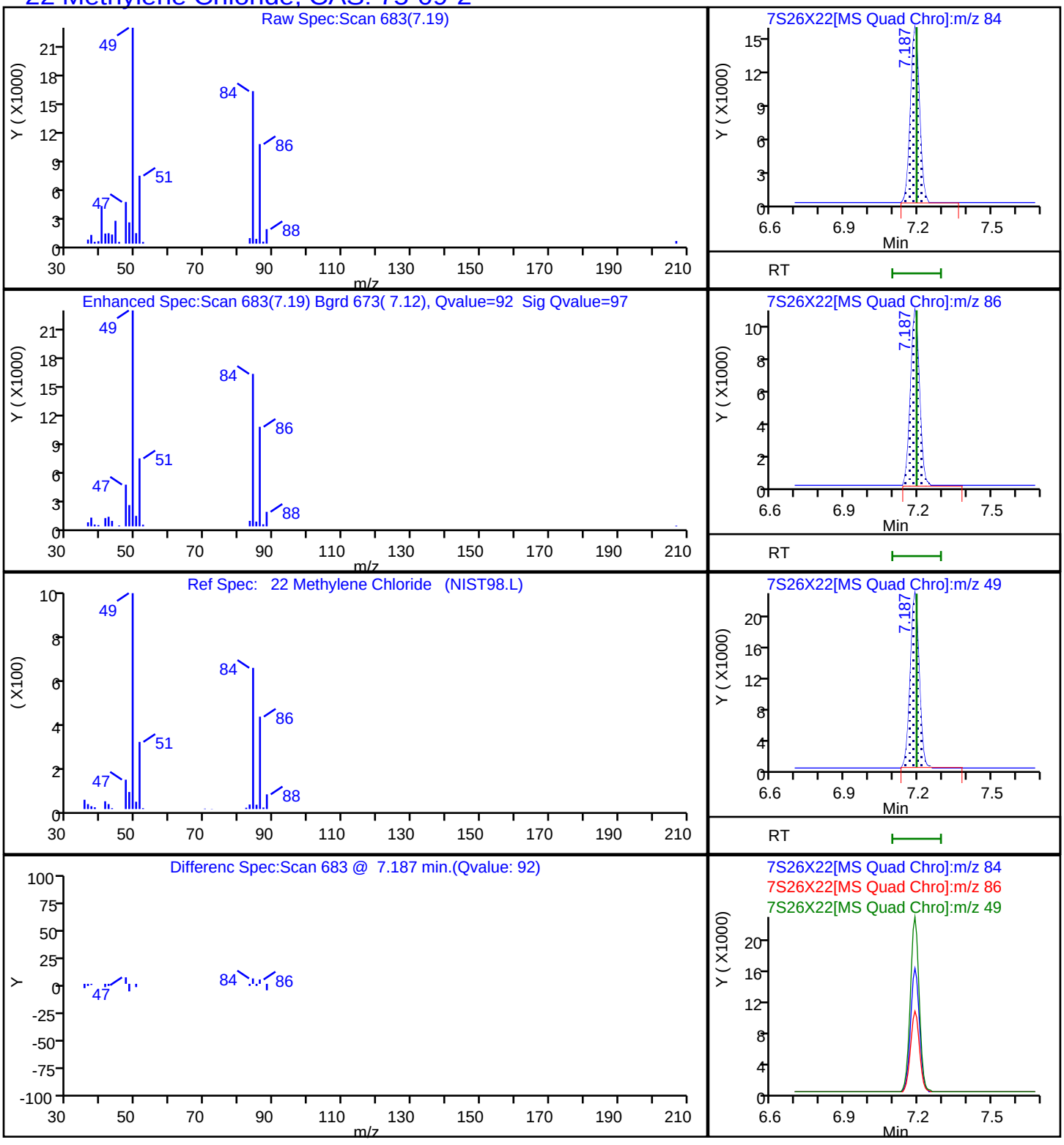
Operator ID: sn105465 ALS Bottle#: 20 Worklist Smp#: 23

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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

## 22 Methylene Chloride, CAS: 75-09-2






10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

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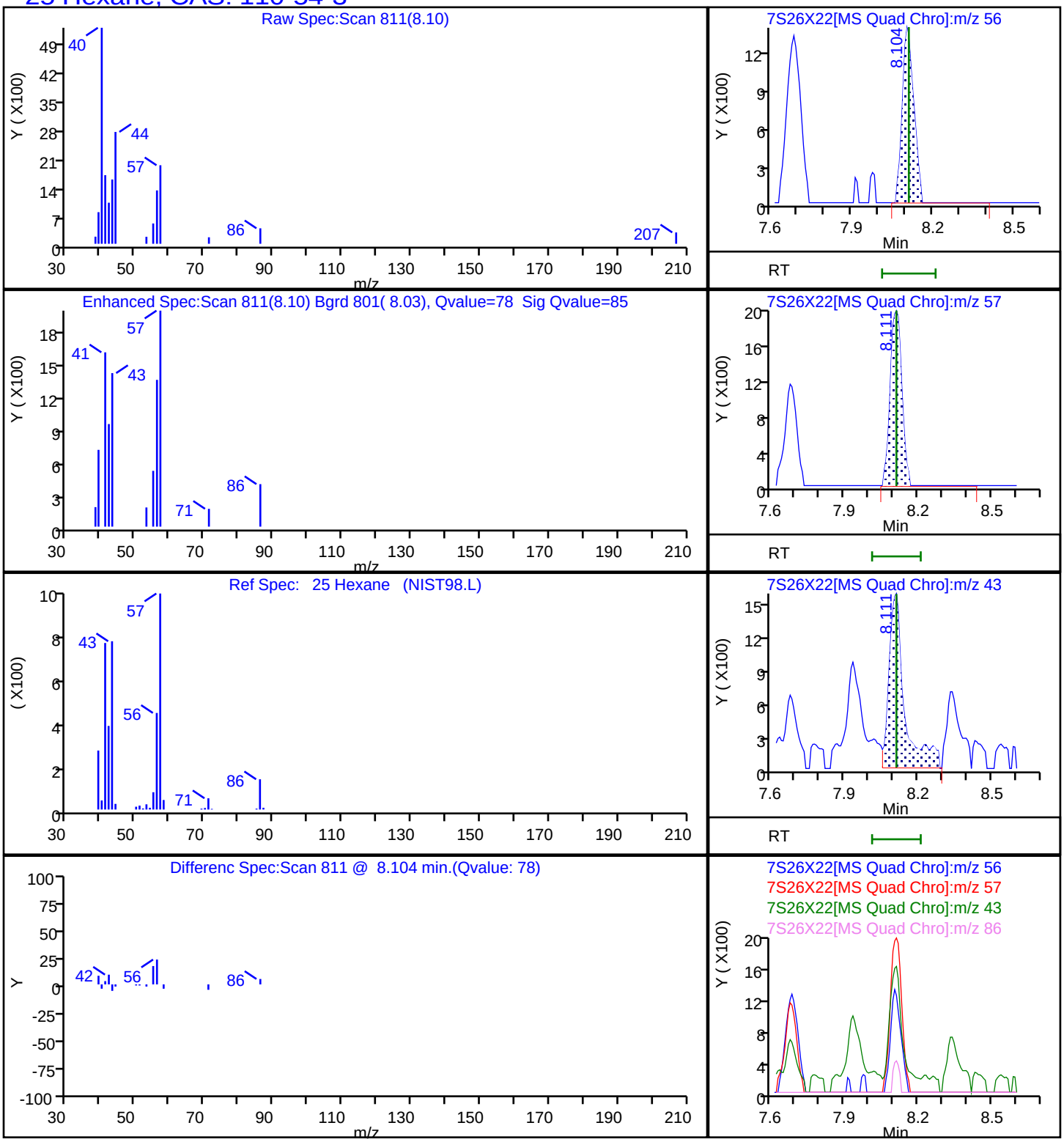
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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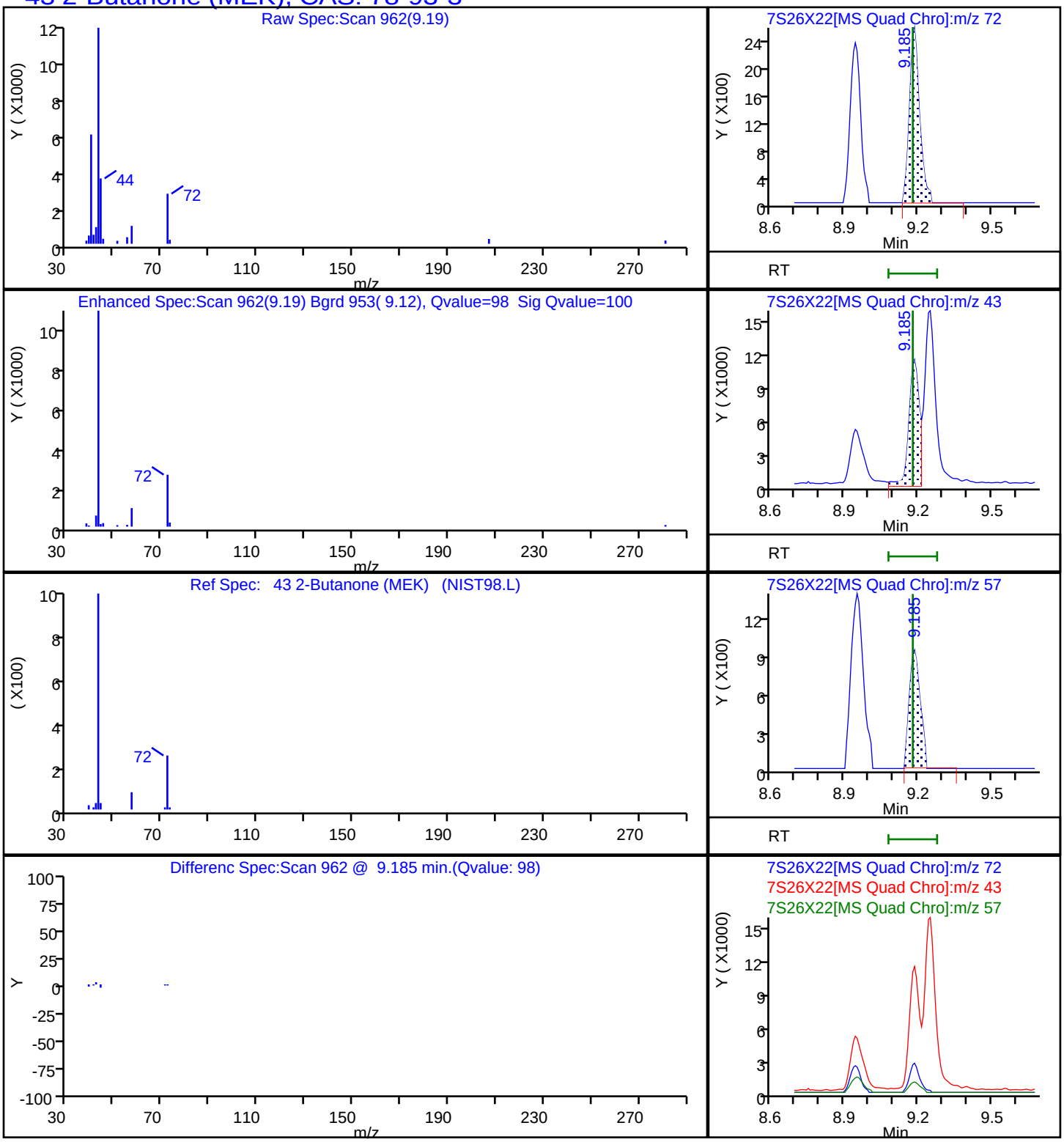
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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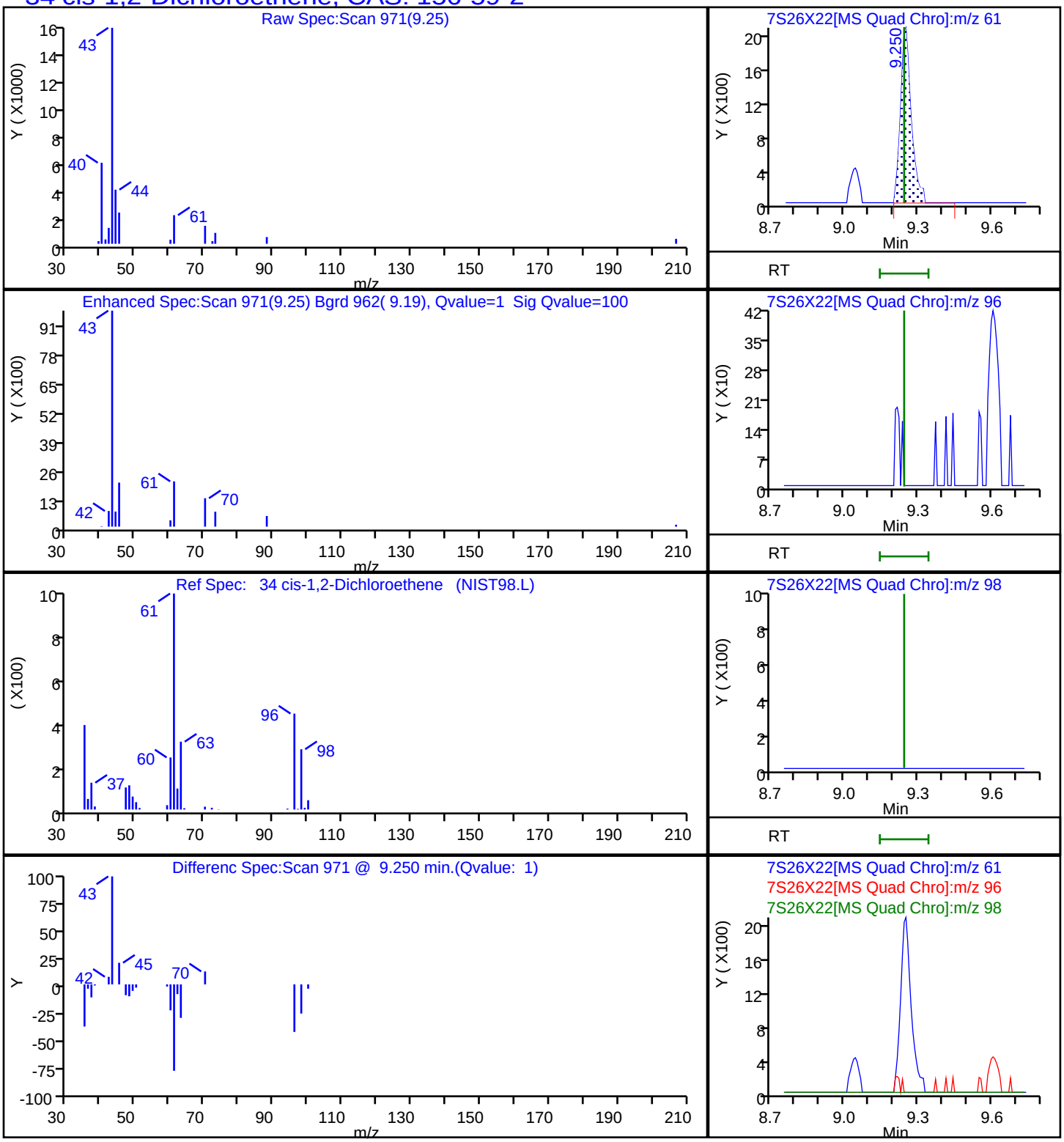
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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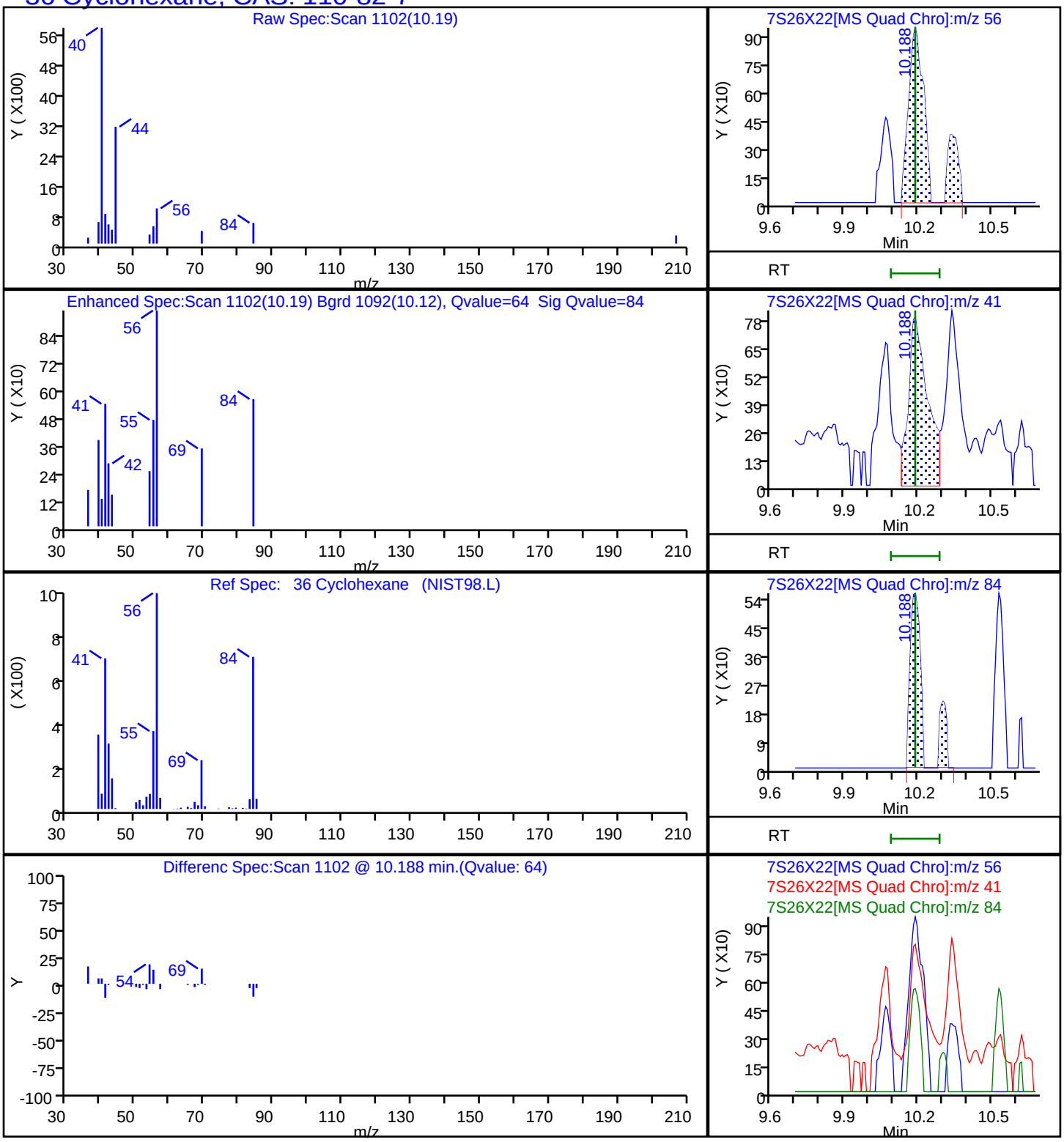
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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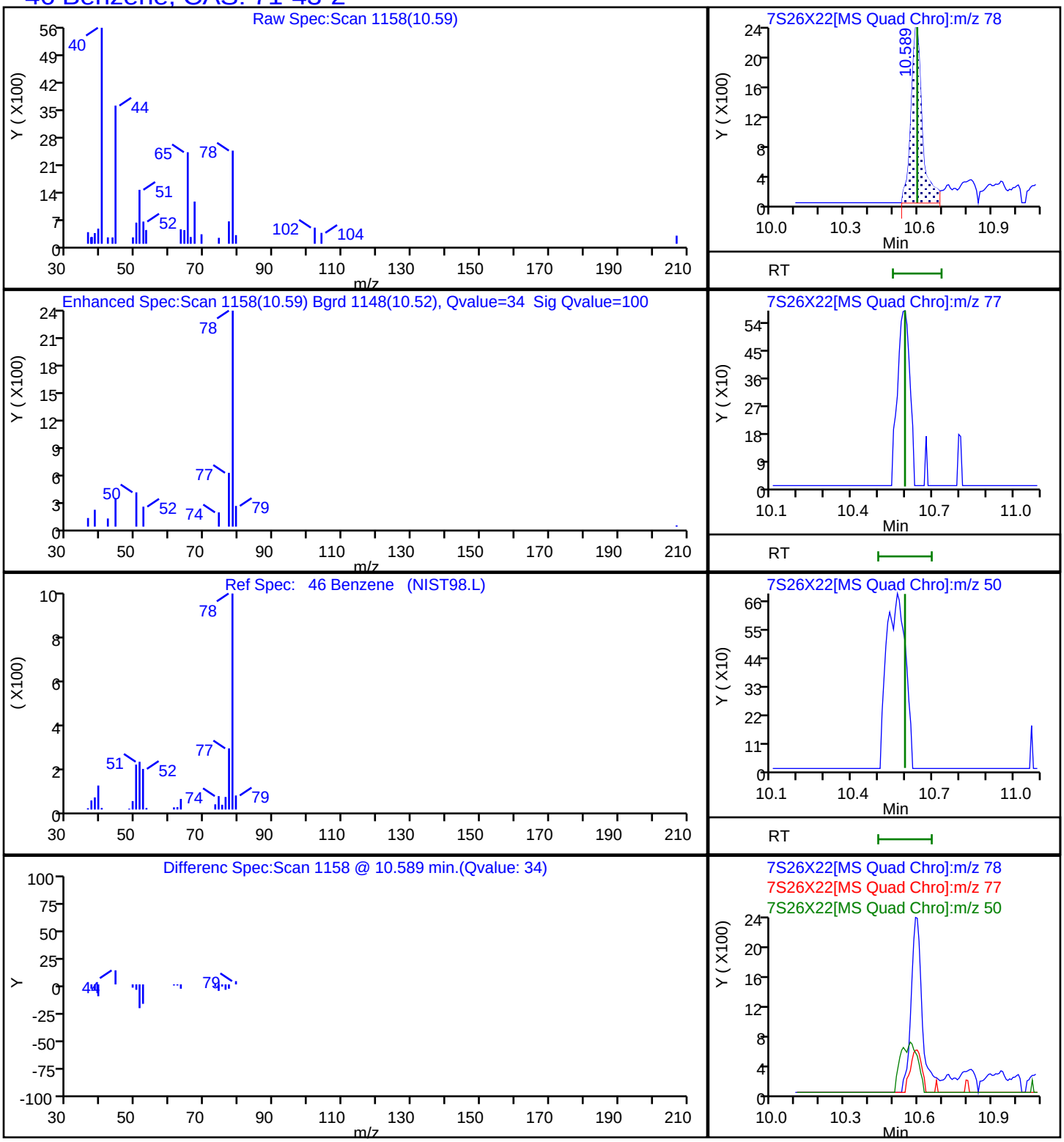
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



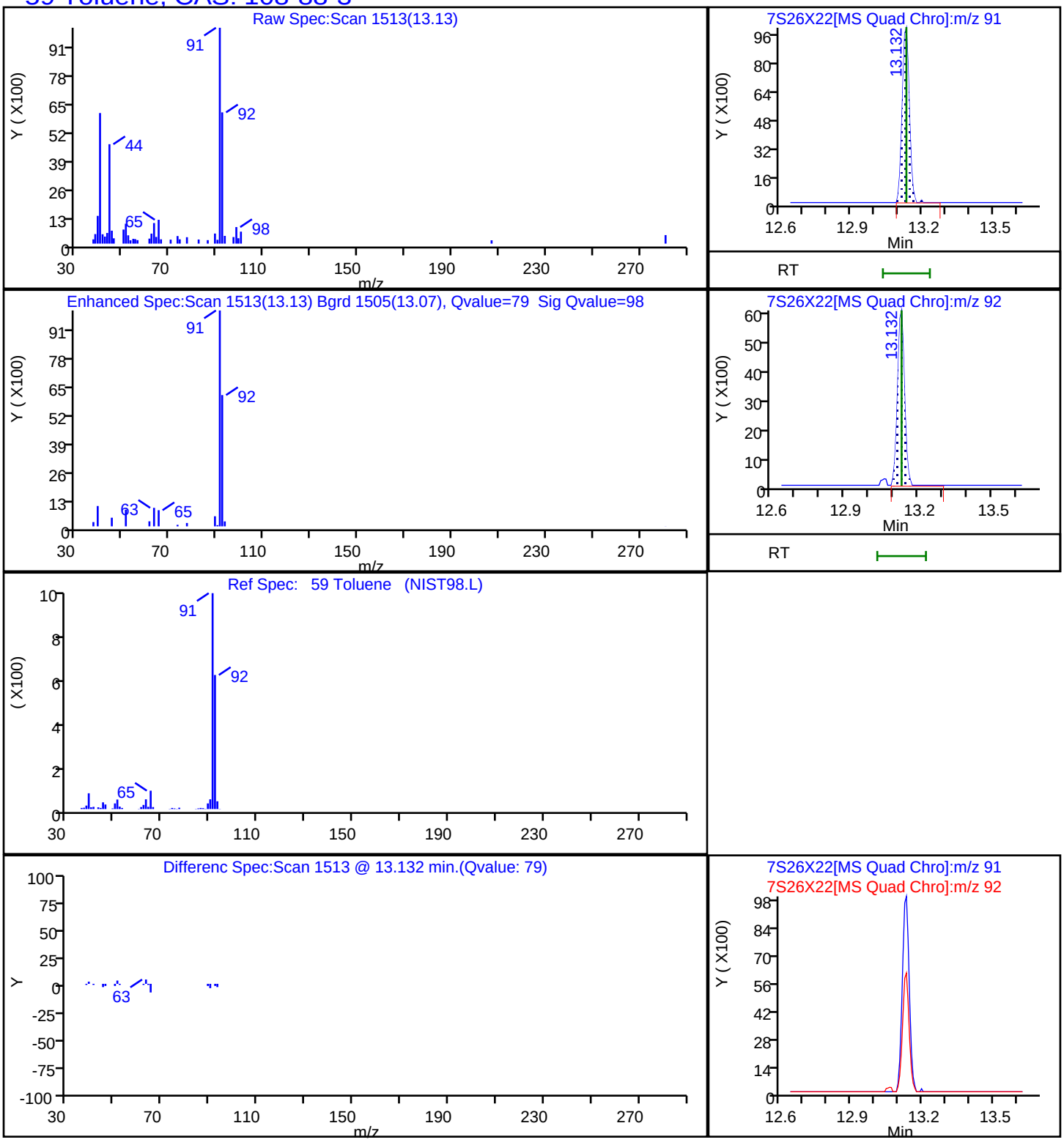



10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



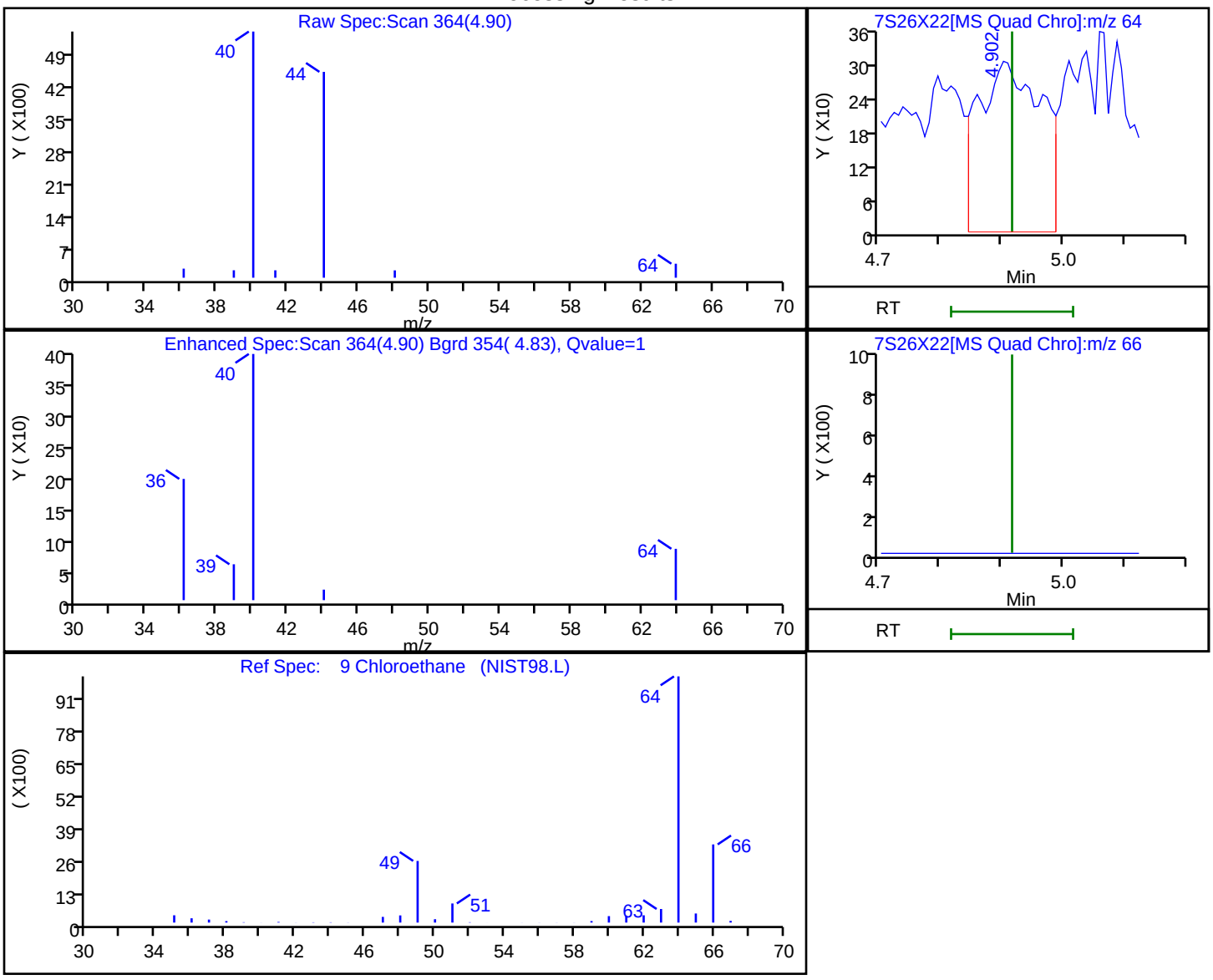
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.90 | 64.00 | 2117 | 0.135265 |
| 4.92 | 66.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:30:24 -04:00:00 (UTC)

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

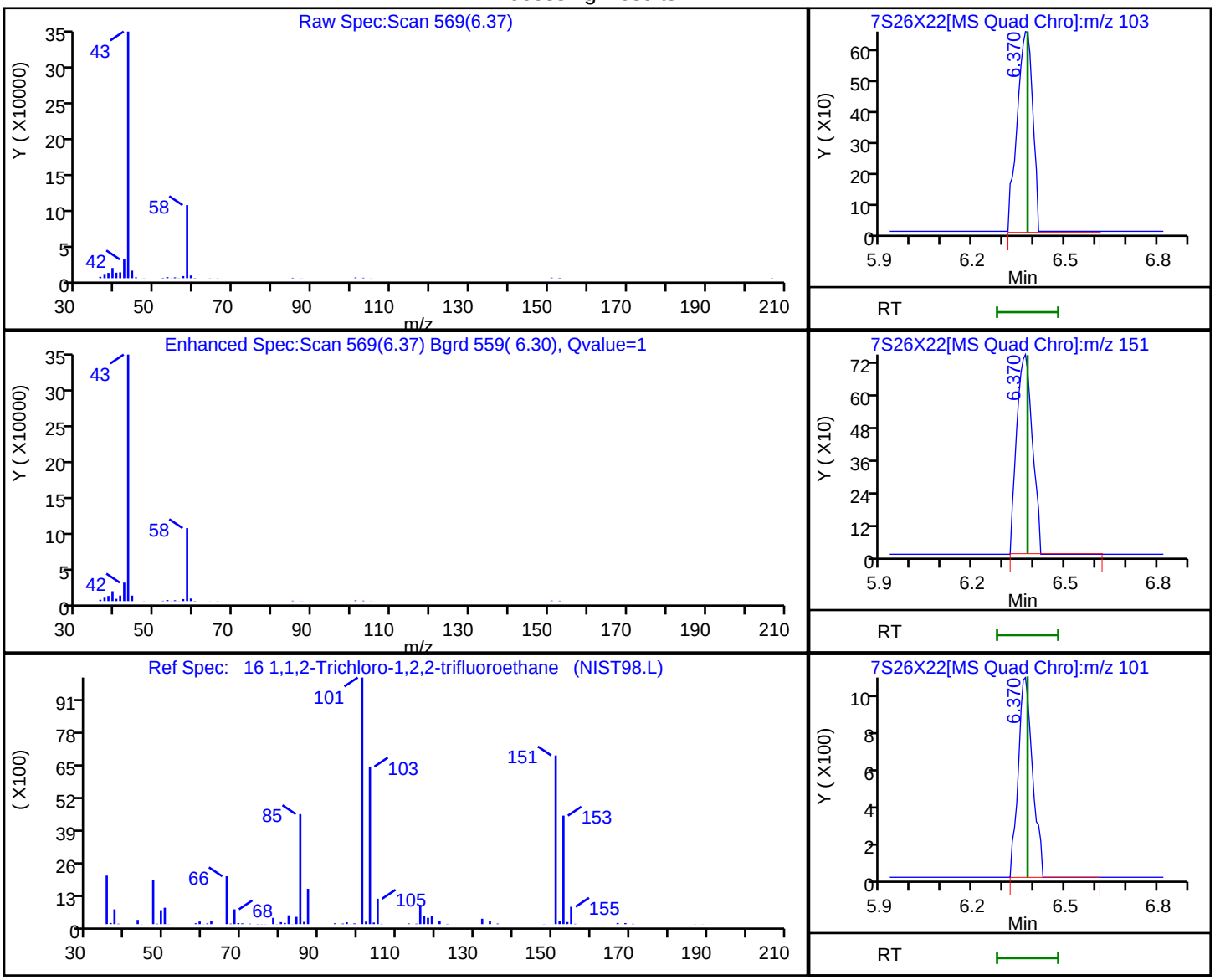
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.37 | 103.00 | 2299 | 0.071198 |
| 6.37 | 151.00 | 2648 | |
| 6.37 | 101.00 | 3265 | |

Reviewer: JXC9, 28-Sep-2025 14:30:31 -04:00:00 (UTC)

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

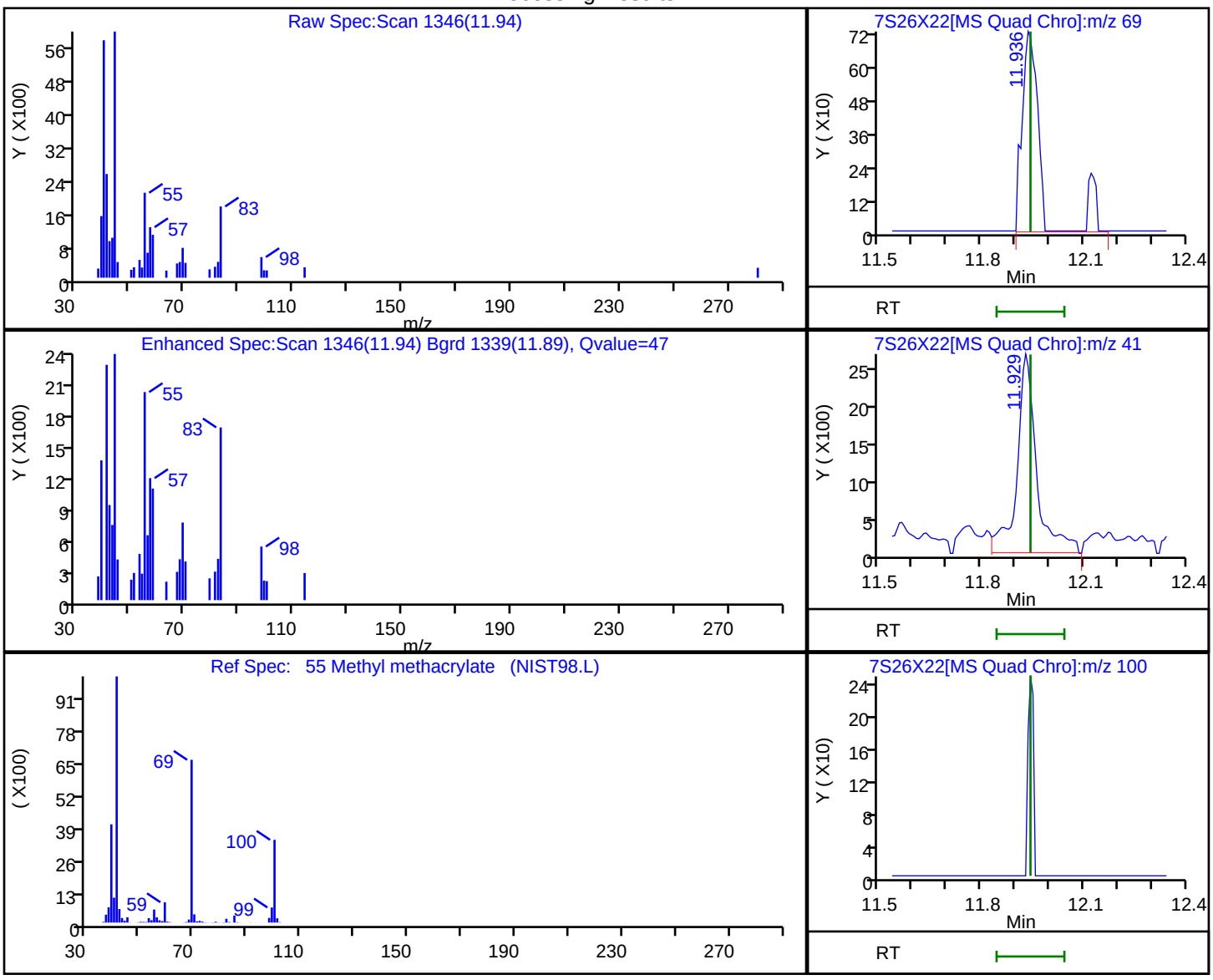
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X22.D | | | | |
| Injection Date: | 26-Sep-2025 20:15:40 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-5 | Lab Sample ID: | 410-335451-5 | | |
| Client ID: | C241174_LR-IA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 20 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.94 | 69.00 | 2578 | 0.093322 |
| 11.93 | 41.00 | 10894 | |
| 11.94 | 100.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:31:32 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-AA02_MW30D_092025
Lab Sample ID: 460-335451-6

Matrix: Air
Lab File ID: 7S26X23.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:25

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:50

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.0 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 8.0 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.69 | U | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-AA02_MW30D_092025
Lab Sample ID: 460-335451-6

Matrix: Air
Lab File ID: 7S26X23.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:25

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:50

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.64 | U | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.75 | U | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_LR-AA02_MW30D_092025
Lab Sample ID: 460-335451-6

Matrix: Air
Lab File ID: 7S26X23.D

Analysis Method: TO 15 LL
Date Collected: 09/20/2025 18:25

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 20:50

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D
Lims ID: 460-335451-A-6
Client ID: C241174_LR-AA02_MW30D_092025
Sample Type: Client
Inject. Date: 26-Sep-2025 20:50:25 ALS Bottle#: 21 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-6
Misc. Info.: 410-0161031-024
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:32:43

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.412 | 3.376 | 0.036 | 78 | 32282 | 0.4604 | |
| 3 Chlorodifluoromethane | 51 | 3.448 | 3.412 | 0.036 | 59 | 11347 | 0.2859 | |
| 5 Chloromethane | 50 | 3.806 | 3.770 | 0.036 | 81 | 12117 | 0.4826 | |
| 12 Trichlorofluoromethane | 101 | 5.432 | 5.410 | 0.022 | 76 | 13978 | 0.2188 | |
| 23 Acetone | 43 | 6.399 | 6.377 | 0.022 | 99 | 153060 | 3.36 | |
| 20 Isopropyl alcohol | 45 | 6.614 | 6.592 | 0.022 | 67 | 19536 | 0.5788 | |
| 17 Carbon disulfide | 76 | 6.779 | 6.757 | 0.022 | 97 | 8975 | 0.0982 | |
| 43 2-Butanone (MEK) | 72 | 9.207 | 9.178 | 0.029 | 93 | 1804 | 0.1391 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.622 | 9.615 | 0.007 | 90 | 306900 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.007 | 96 | 1071467 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1021516 | 10.0 | |

## QC Flag Legend
Processing Flags

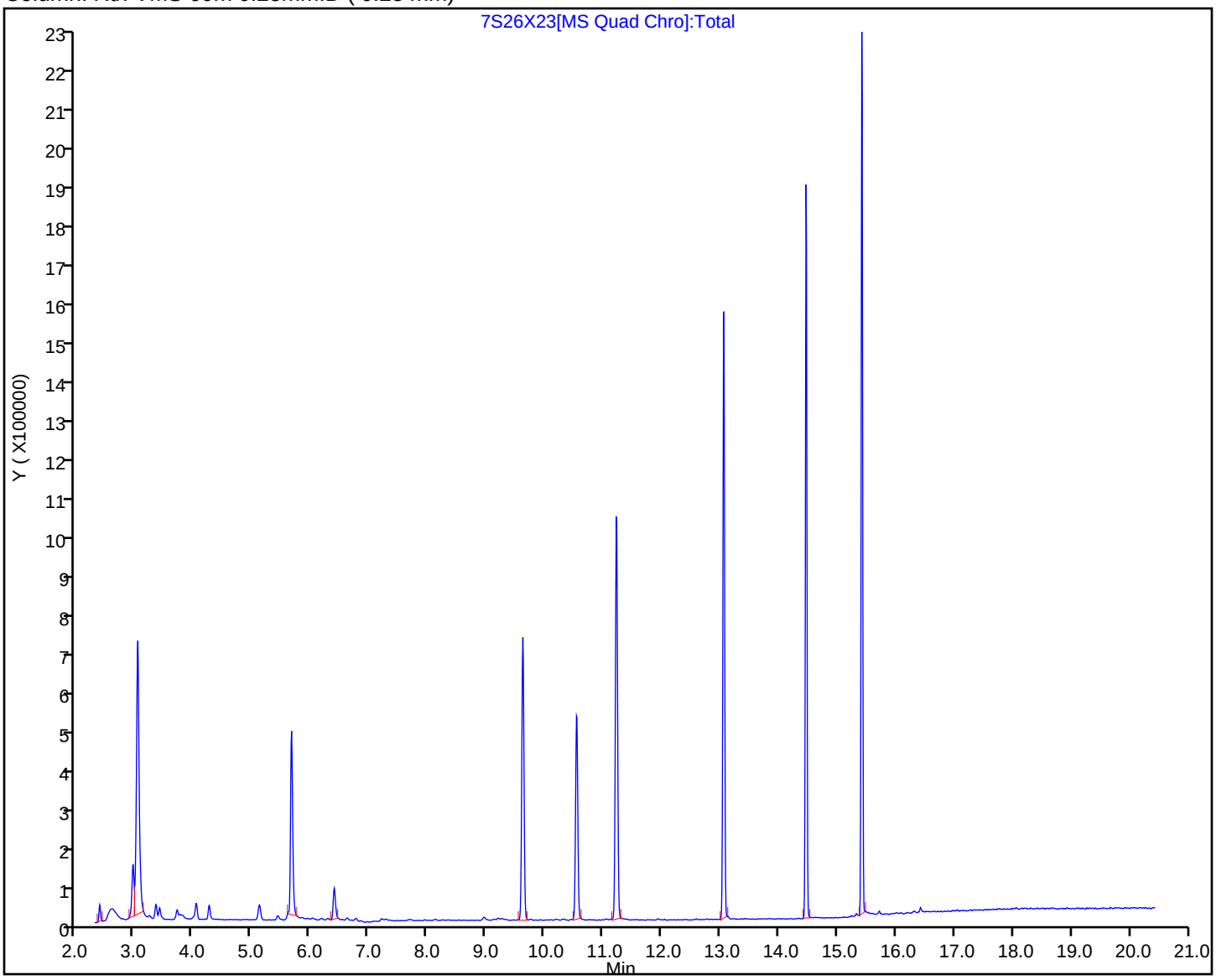
## Reagents:
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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



Report Date: 28-Sep-2025 14:48:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D

Injection Date: 26-Sep-2025 20:50:25 Instrument ID: HP8R004

Lims ID: 460-335451-A-6 Lab Sample ID: 410-335451-6

Client ID: C241174_LR-AA02_MW30D_092025

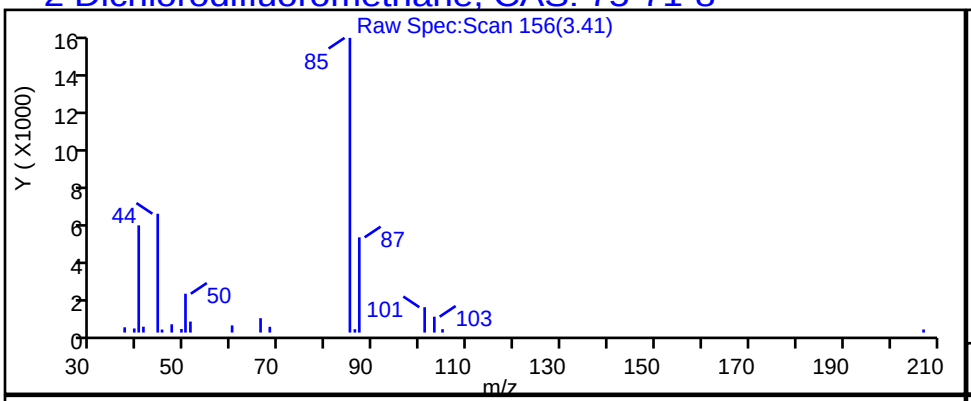
Operator ID: sn105465 ALS Bottle#: 21 Worklist Smp#: 24

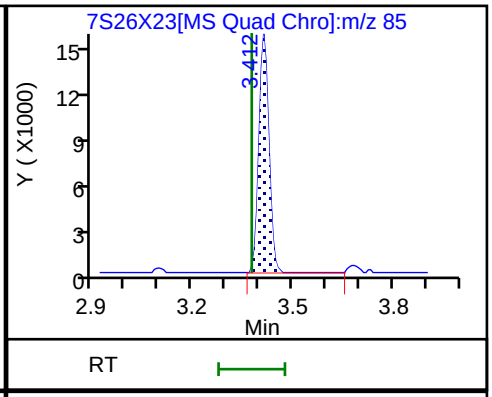
Purge Vol: 200.000 mL Dil. Factor: 1.0000

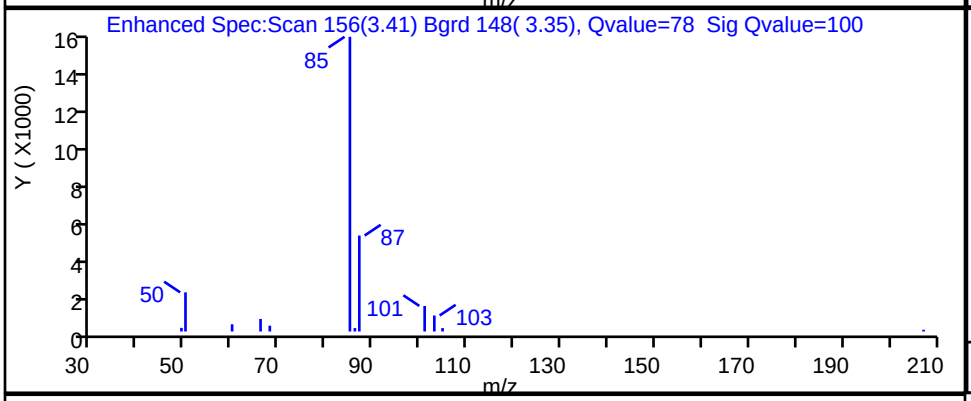
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

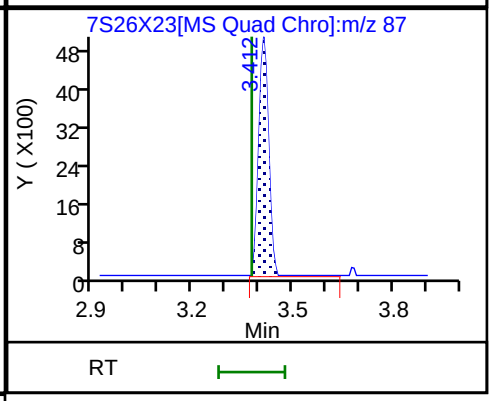
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm) Detector MS Quad

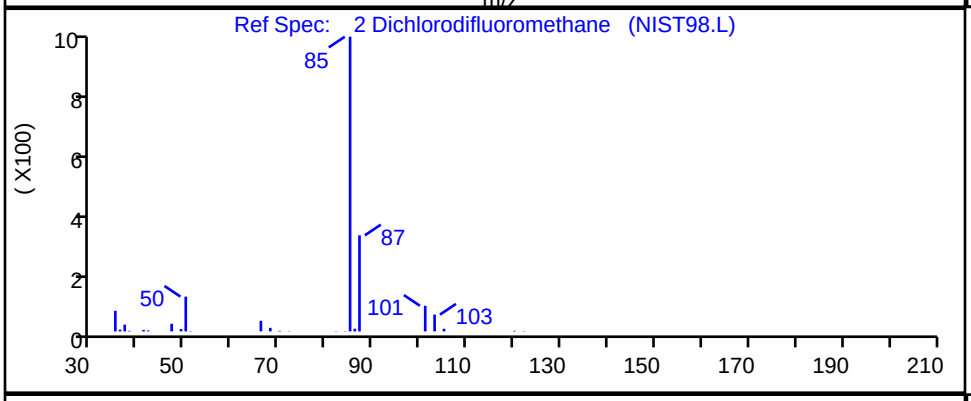
## 2 Dichlorodifluoromethane, CAS: 75-71-8

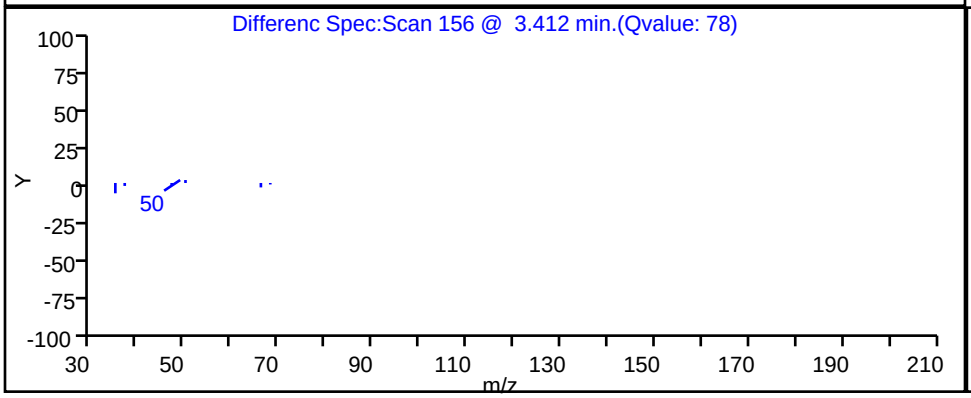


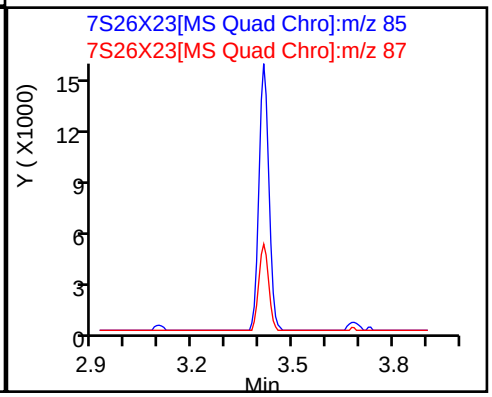



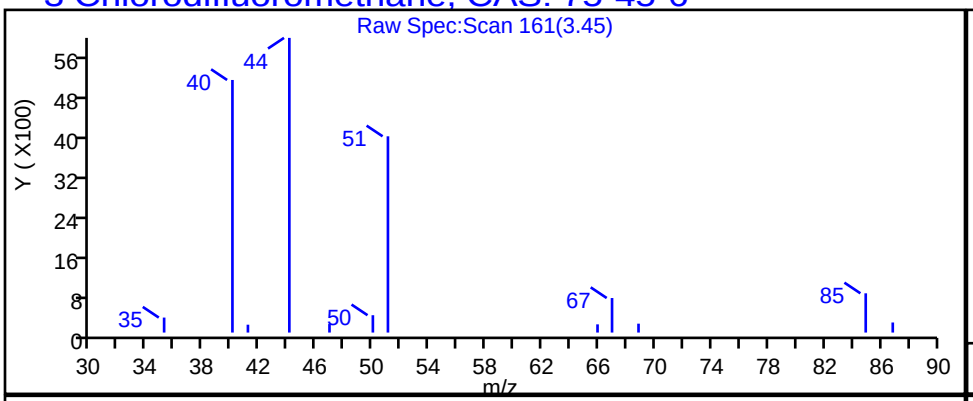



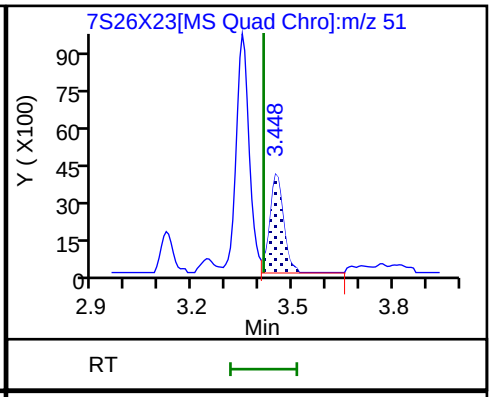
Report Date: 28-Sep-2025 14:48:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

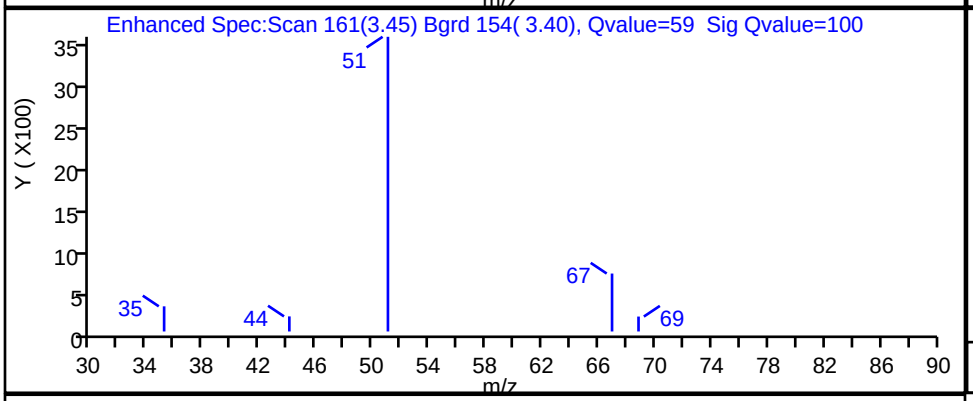
Eurofins Lancaster Laboratories Environment Testing, LLC

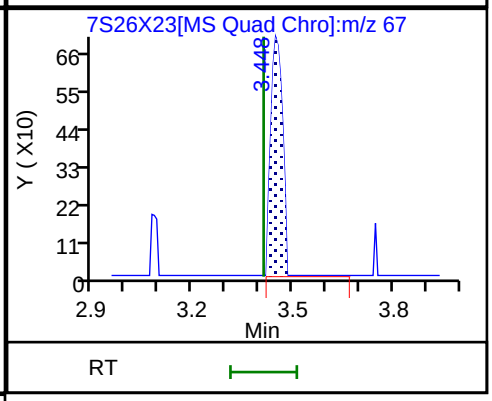
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

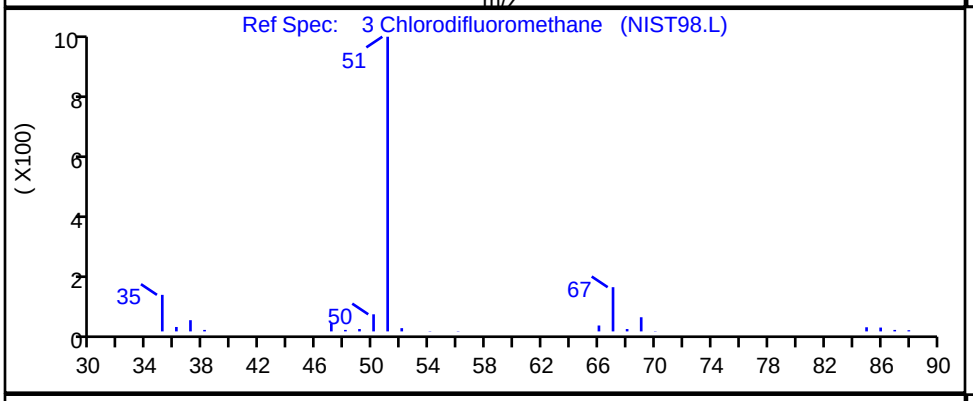
## 3 Chlorodifluoromethane, CAS: 75-45-6

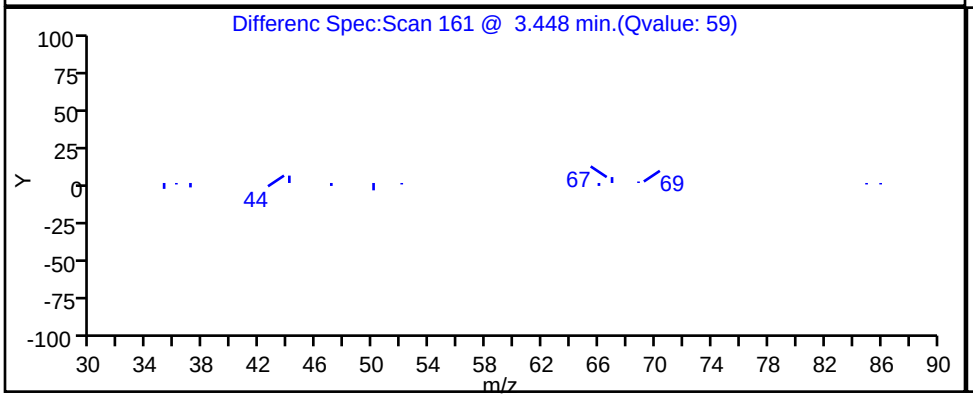


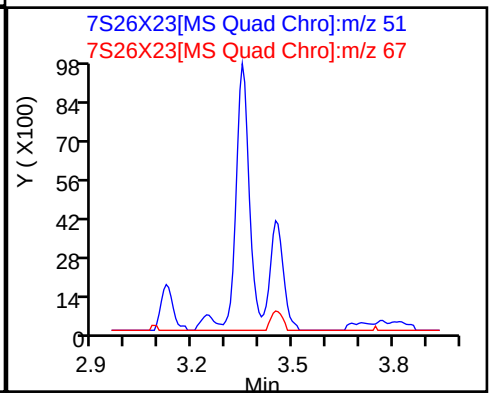



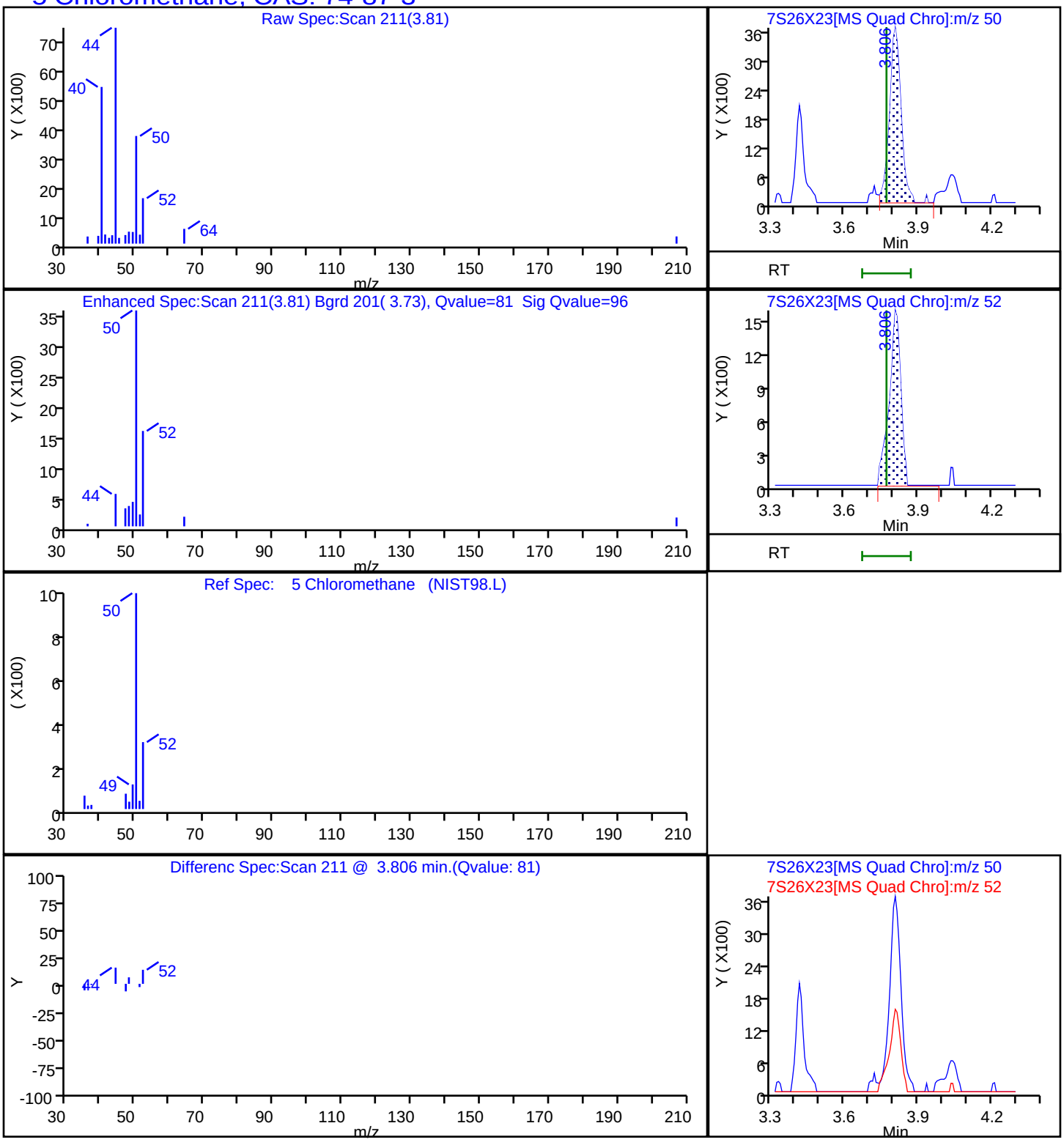



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

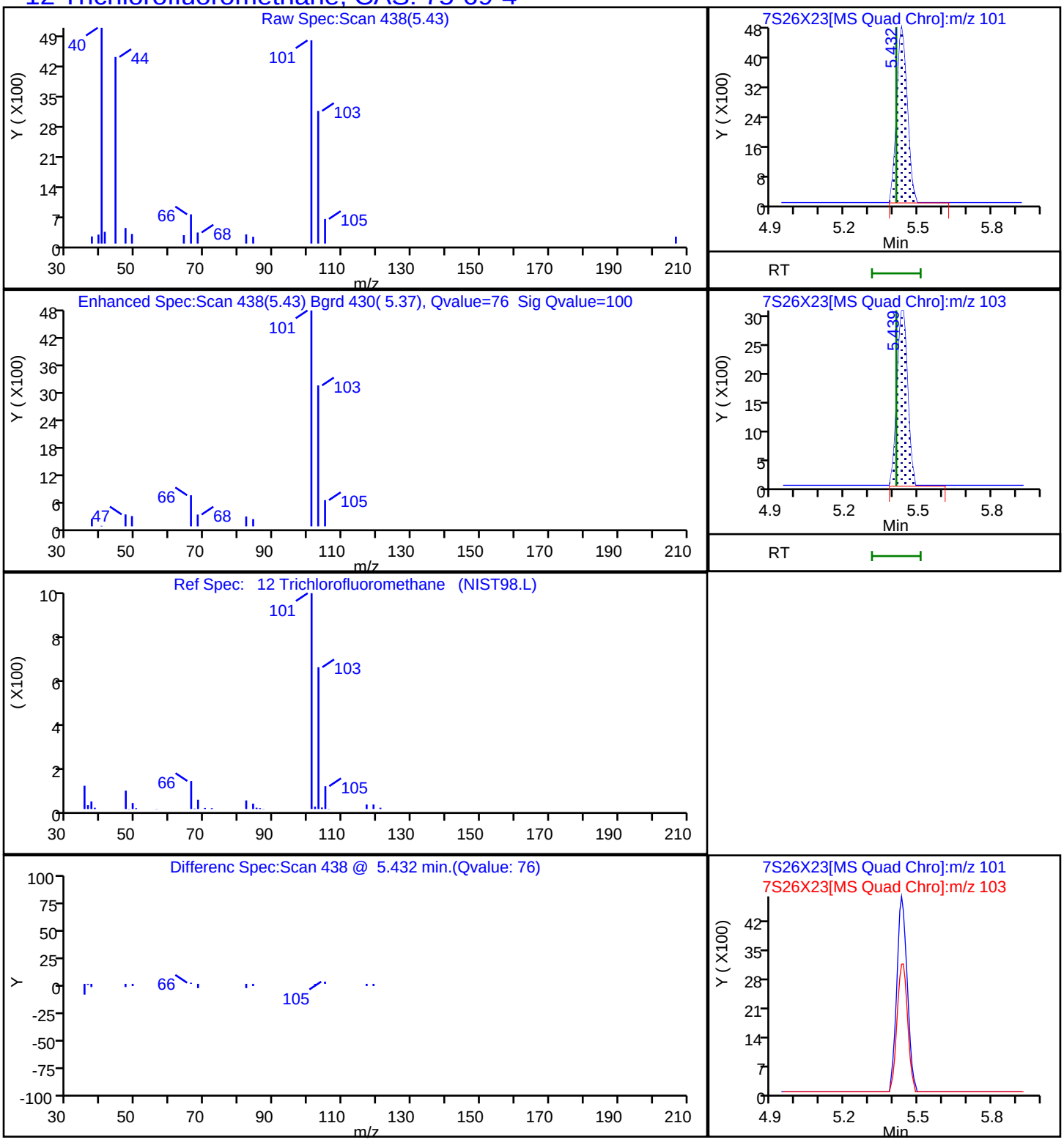


Report Date: 28-Sep-2025 14:48:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4



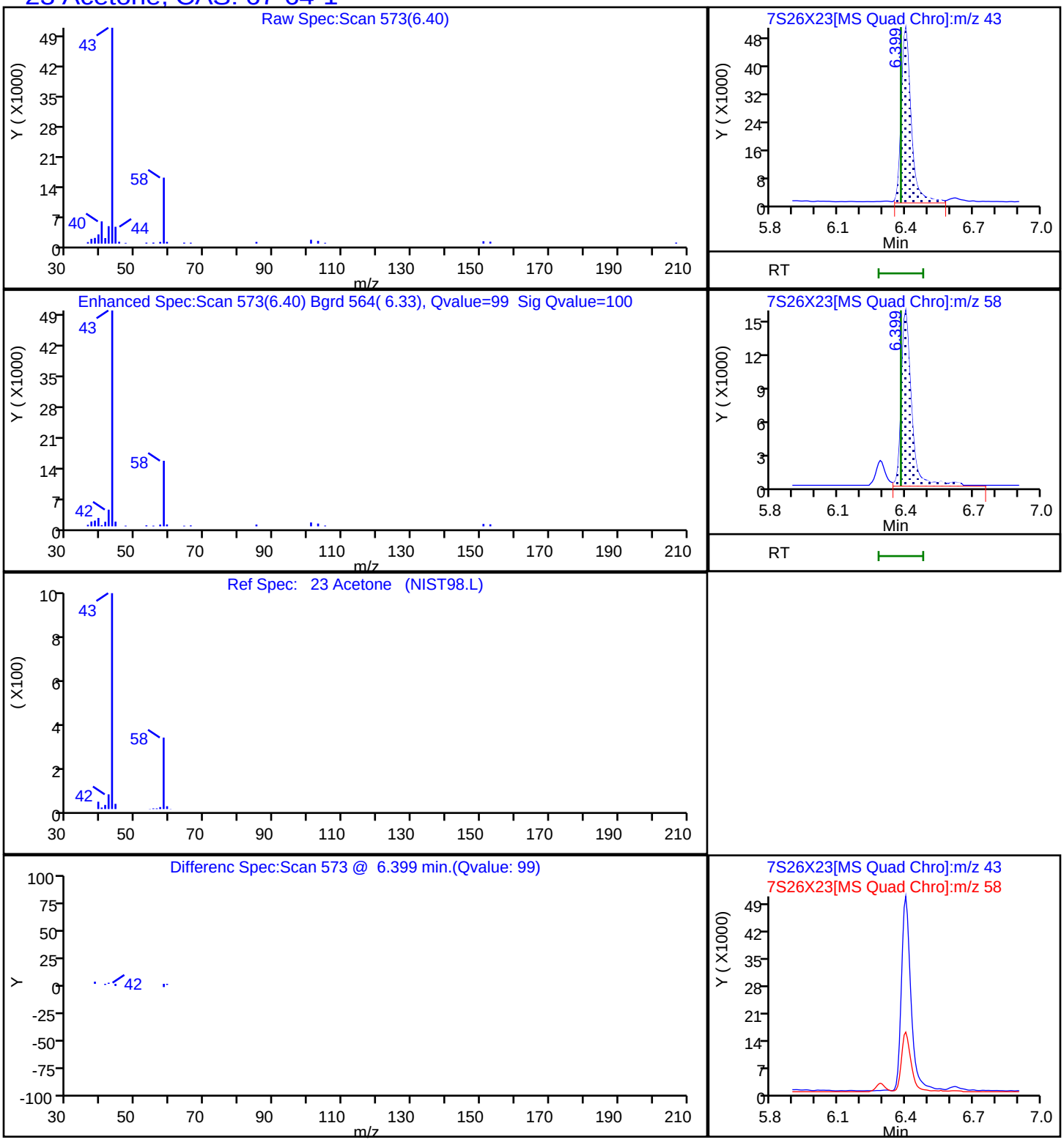



10/16/2025
9:18:09 AM

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



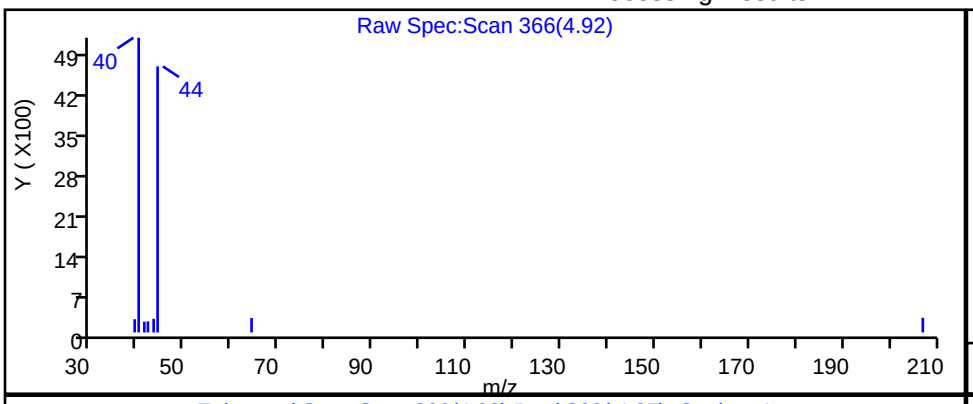
User Disabled Compound Report

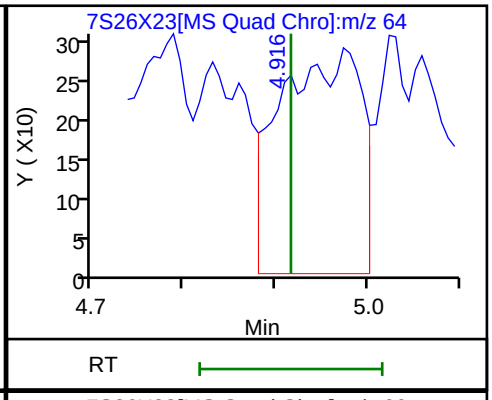
Eurofins Lancaster Laboratories Environment Testing, LLC

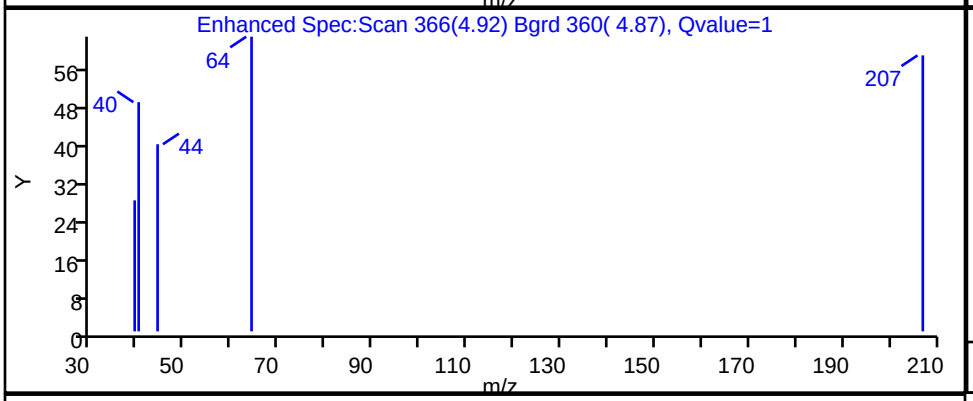
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

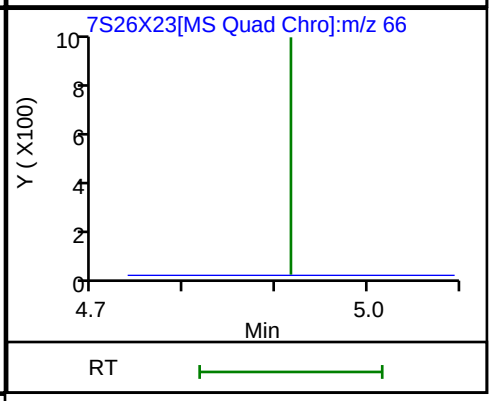
## 9 Chloroethane, CAS: 75-00-3

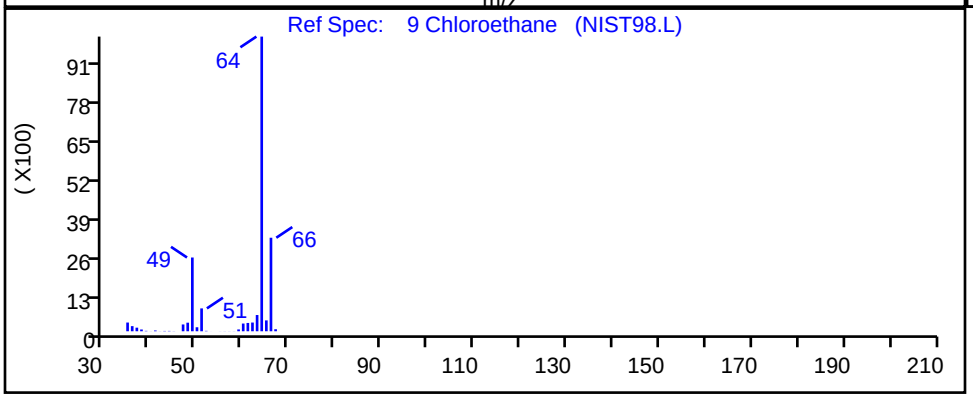
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.92 | 64.00 | 1737 | 0.112518 |
| 4.92 | 66.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:32:13 -04:00:00 (UTC)

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

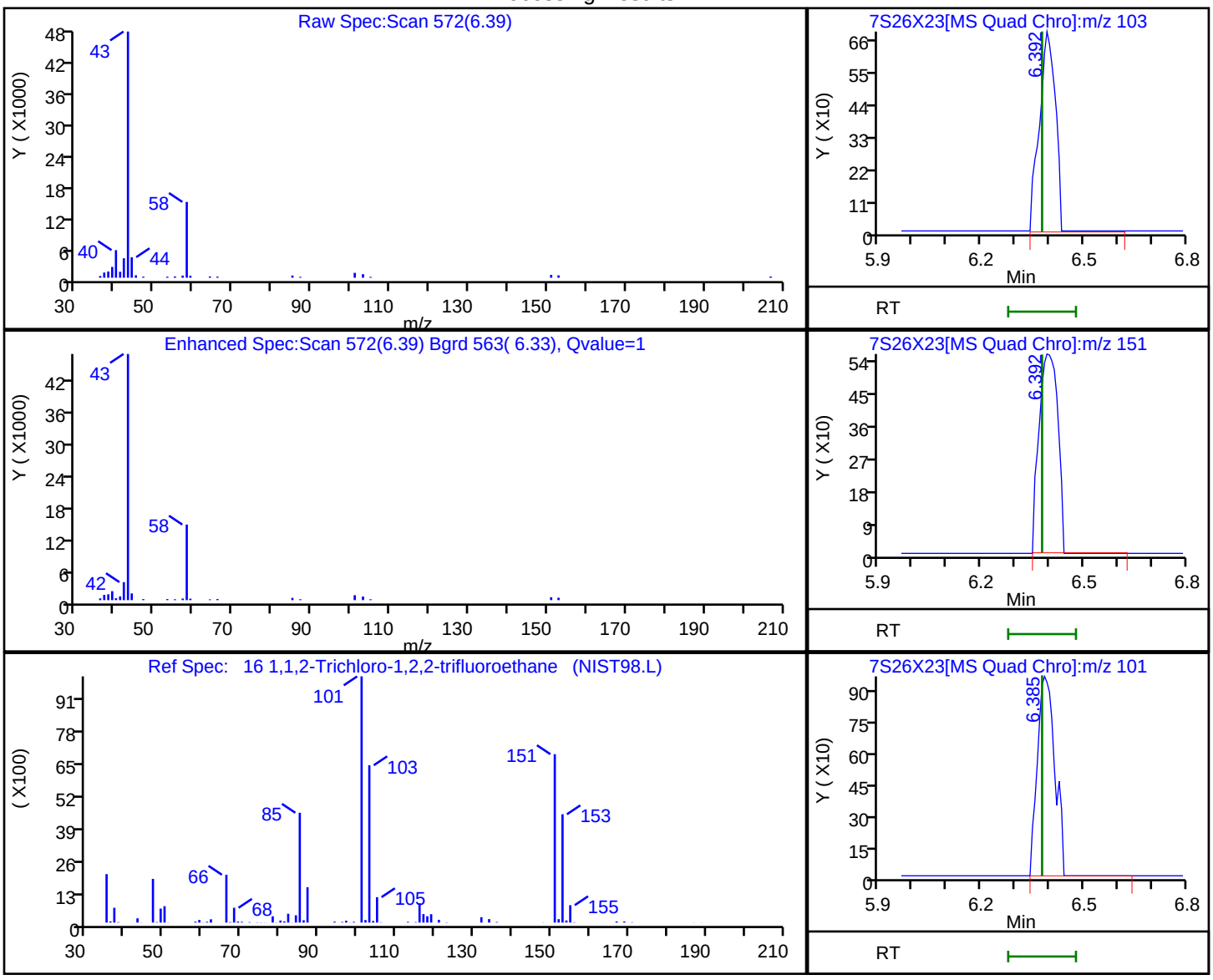
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X23.D | | | | |
| Injection Date: | 26-Sep-2025 20:50:25 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-6 | Lab Sample ID: | 410-335451-6 | | |
| Client ID: | C241174_LR-AA02_MW30D_092025 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 21 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.39 | 103.00 | 2234 | 0.070141 |
| 6.39 | 151.00 | 2130 | |
| 6.38 | 101.00 | 3463 | |

Reviewer: JXC9, 28-Sep-2025 14:32:19 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
Lab Sample ID: 460-335451-7

Matrix: Air
Lab File ID: 7S26X24.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:05

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:25

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.3 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.1 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 6.2 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.4 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 33 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 4.7 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 2.7 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 10 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.54 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.32 | J | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 1.7 | | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.52 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 4.2 | | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
Lab Sample ID: 460-335451-7

Matrix: Air
Lab File ID: 7S26X24.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:05

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:25

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 1.4 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 2.9 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 1.9 | J | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.2 | J | 2.1 | 0.53 |
| 108-88-3 | Toluene | 85 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.43 | J | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 1.6 | | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 5.2 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 1.8 | | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 7.0 | | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.88 | J | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.36 | J | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-IA03_MW16D19D_092125
Lab Sample ID: 460-335451-7

Matrix: Air
Lab File ID: 7S26X24.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:05

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:25

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.4 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D
Lims ID: 460-335451-A-7
Client ID: C241174_PLR-IA03_MW16D19D_092125
Sample Type: Client
Inject. Date: 26-Sep-2025 21:25:21 ALS Bottle#: 22 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-7
Misc. Info.: 410-0161031-025
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:35:21

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 71 | 32495 | 0.4599 | |
| 5 Chloromethane | 50 | 3.777 | 3.770 | 0.007 | 85 | 12932 | 0.5111 | |
| 124 Butane | 43 | 4.006 | 4.020 | 0.000 | 60 | 123419 | 2.60 | M |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.410 | 0.000 | 68 | 16244 | 0.2524 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 642466 | 14.0 | |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 96 | 64419 | 1.89 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.194 | -0.007 | 56 | 4248 | 0.1743 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.294 | 0.000 | 78 | 5913 | 0.2096 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 92 | 18009 | 0.7541 | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 45668 | 3.50 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.243 | 0.000 | 43 | 7156 | 0.1362 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 309257 | 10.0 | |
| 37 Chloroform | 83 | 9.751 | 9.758 | -0.007 | 48 | 4086 | 0.0646 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 89 | 21174 | 0.4797 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.310 | -0.007 | 63 | 4233 | 0.0819 | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 60 | 37372 | 0.4229 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.661 | -0.007 | 11 | 1740 | 0.0427 | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 97 | 120791 | 0.8931 | |
| 45 n-Heptane | 71 | 11.019 | 11.026 | -0.007 | 89 | 18670 | 0.6986 | |
| * 50 1,4-Difluorobenzene | 114 | 11.213 | 11.220 | -0.007 | 96 | 1093046 | 10.0 | |
| 55 Methyl methacrylate | 69 | 11.929 | 11.943 | -0.014 | 51 | 12913 | 0.4626 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 92 | 19937 | 0.2929 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 97 | 2414623 | 22.6 | |
| 64 1,1,2-Trichloroethane | 97 | 13.562 | 13.548 | 0.014 | 1 | 2835 | 0.0789 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 72 | 7038 | 0.1080 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1039499 | 10.0 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 95 | 48288 | 0.3737 | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 95 | 114699 | 1.20 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 98 | 40230 | 0.4221 | |
| 80 4-Ethyltoluene | 105 | 15.632 | 15.632 | -0.036 | 50 | 21290 | 0.1785 | M |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.697 | 0.001 | 29 | 7045 | 0.0738 | 7Ma |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 93 | 29356 | 0.2909 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 154929 | 0 | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

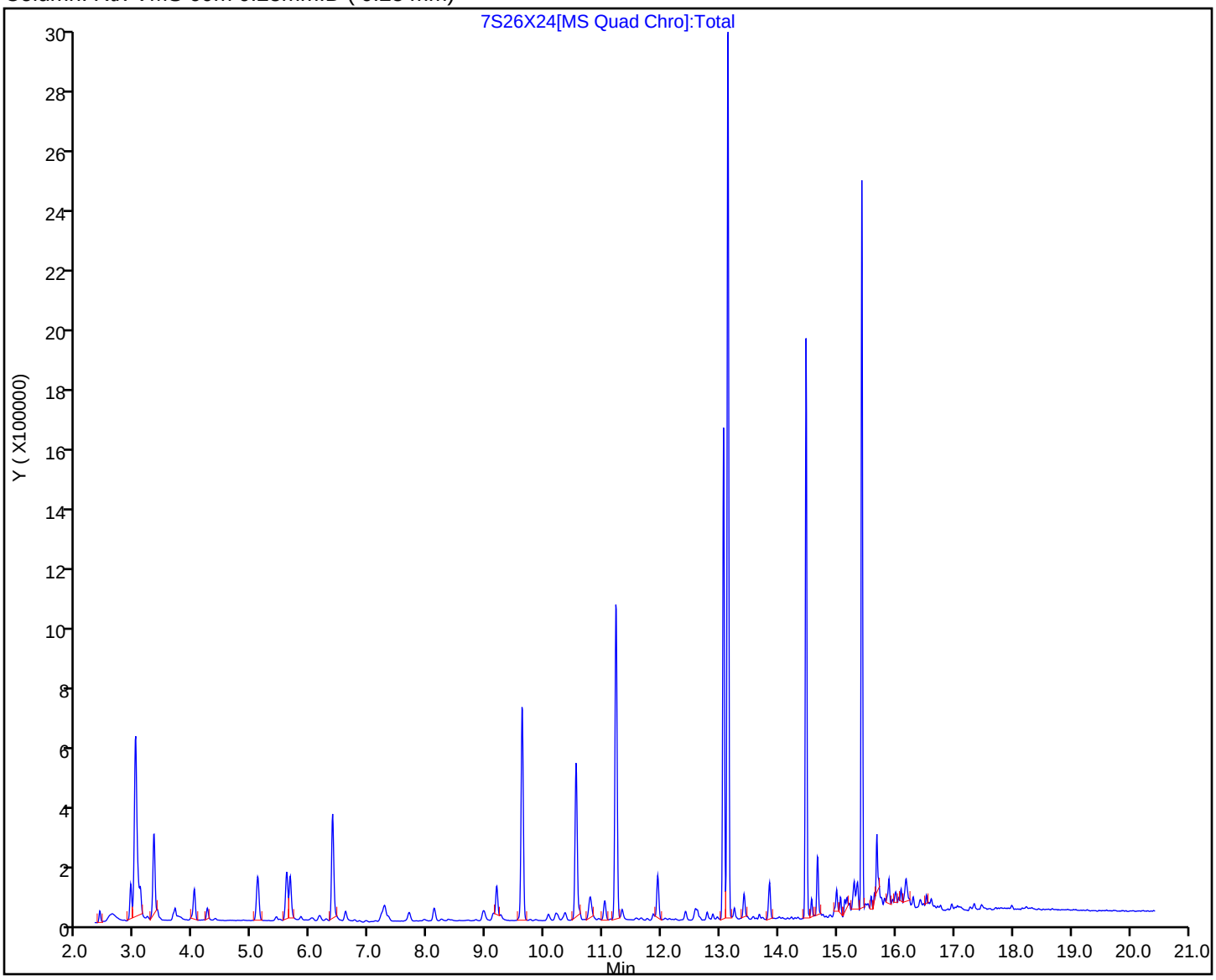
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:30 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

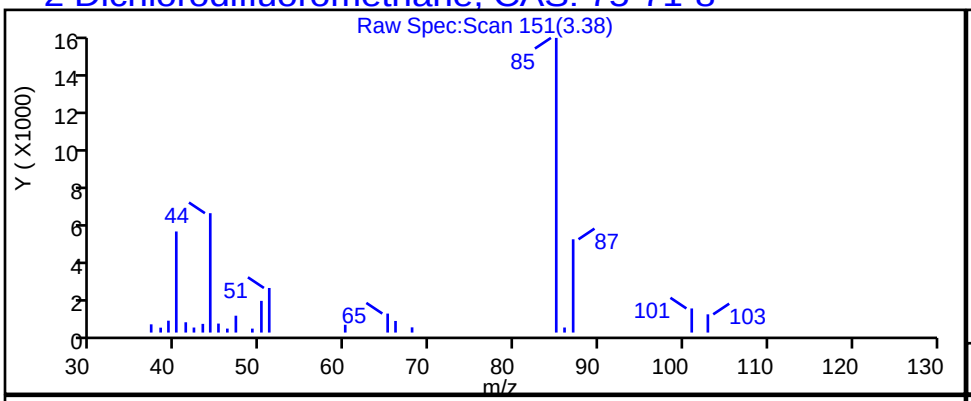
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)

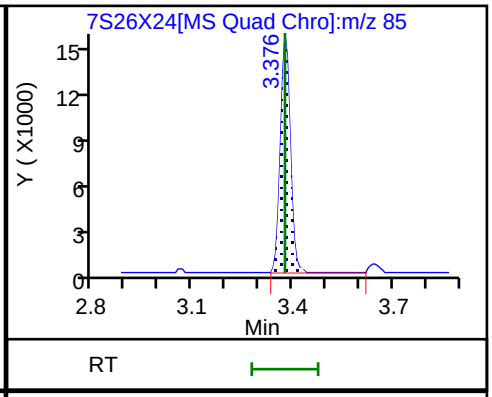


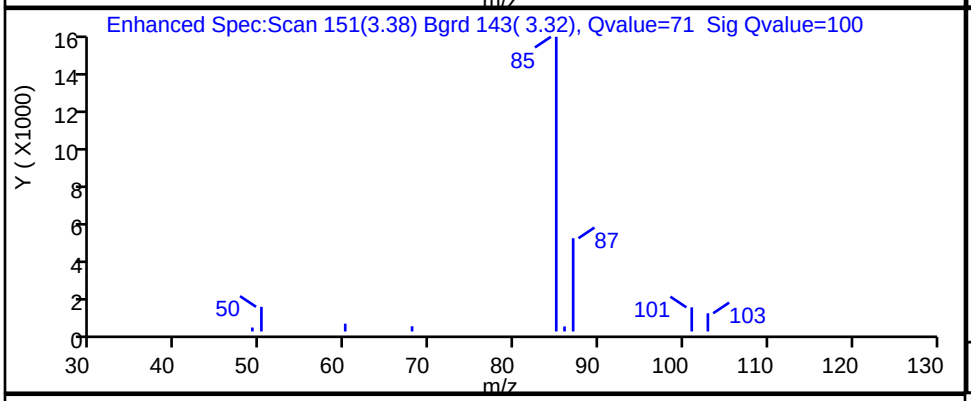
Eurofins Lancaster Laboratories Environment Testing, LLC

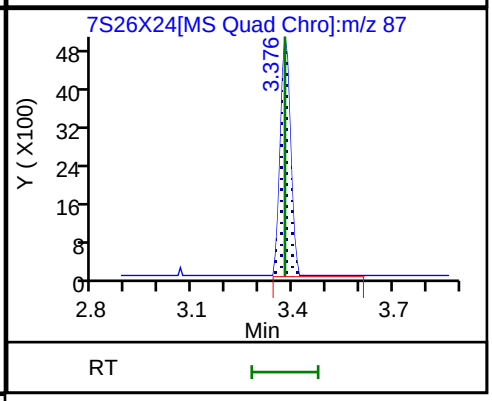
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

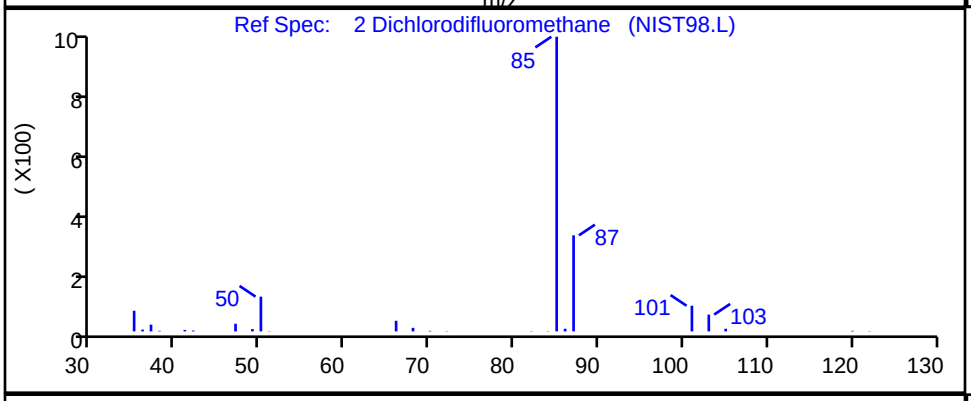
## 2 Dichlorodifluoromethane, CAS: 75-71-8

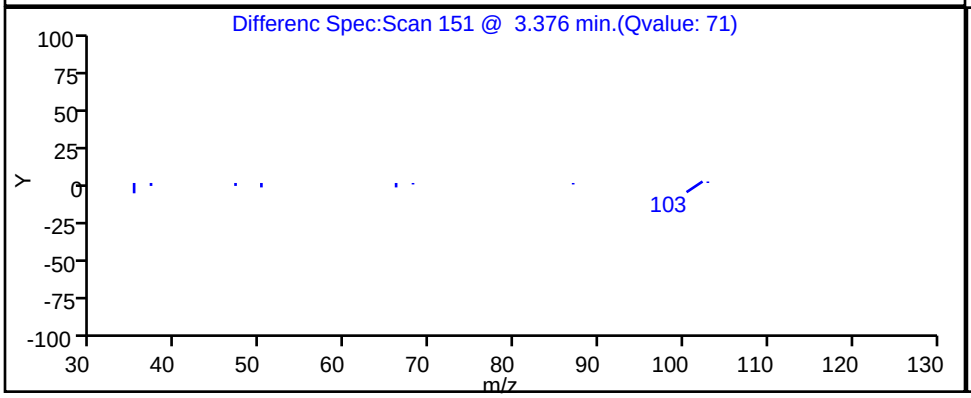


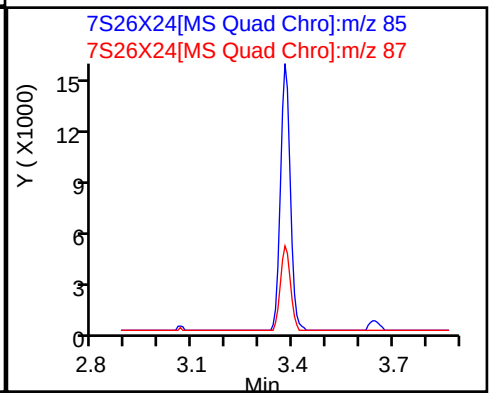



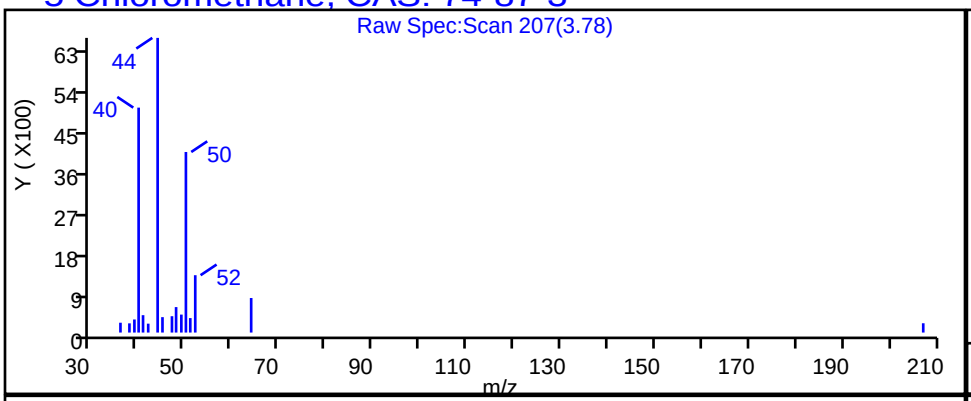



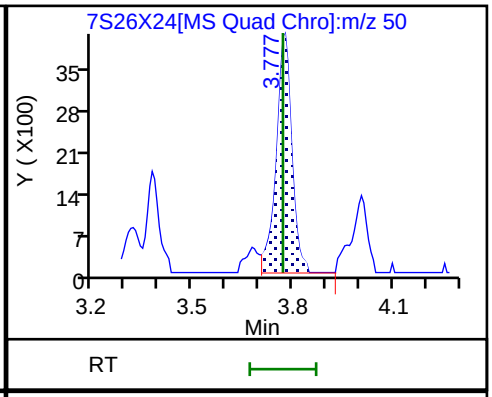



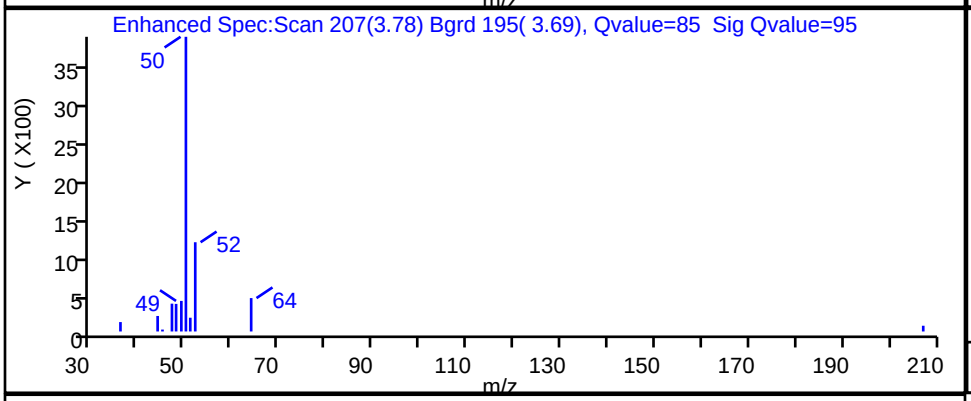
Eurofins Lancaster Laboratories Environment Testing, LLC

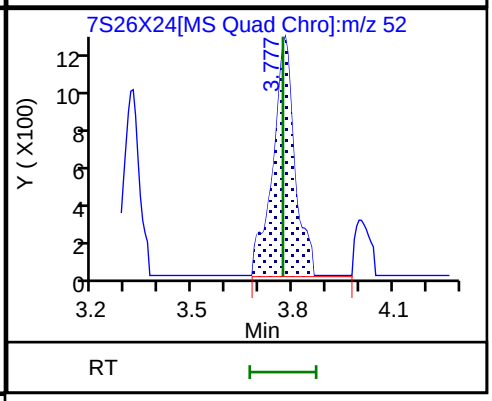
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

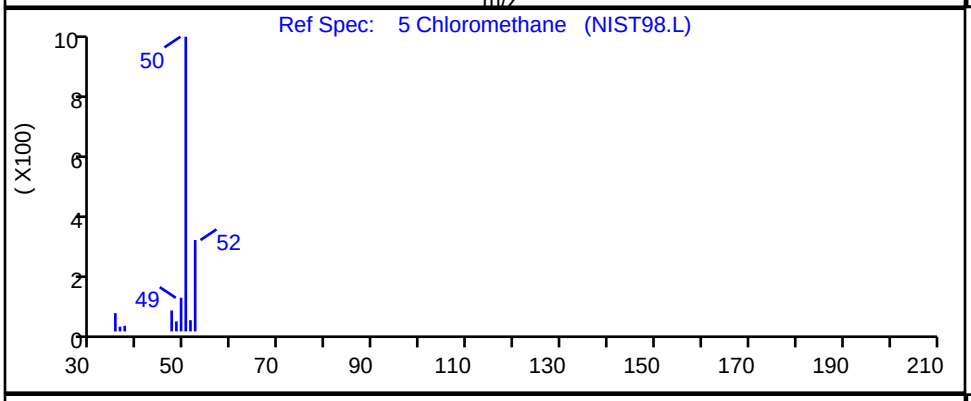
## 5 Chloromethane, CAS: 74-87-3

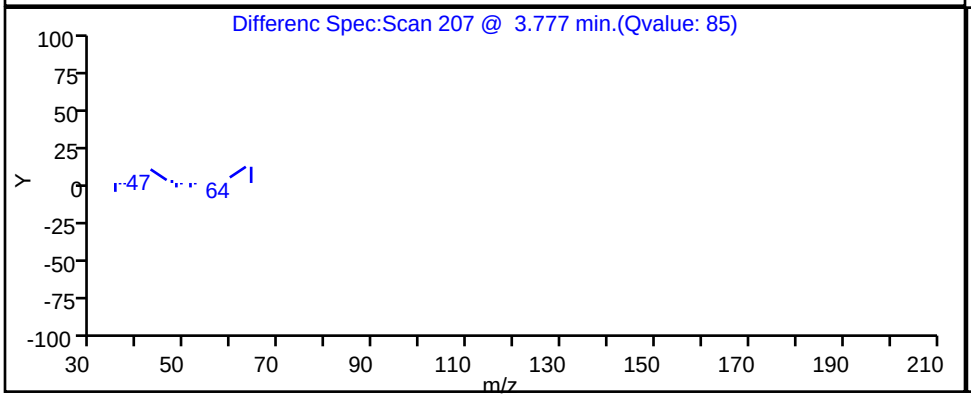


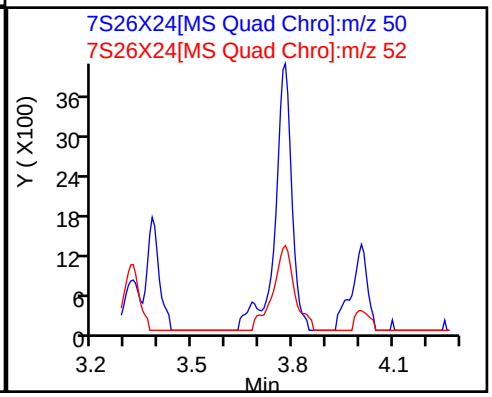



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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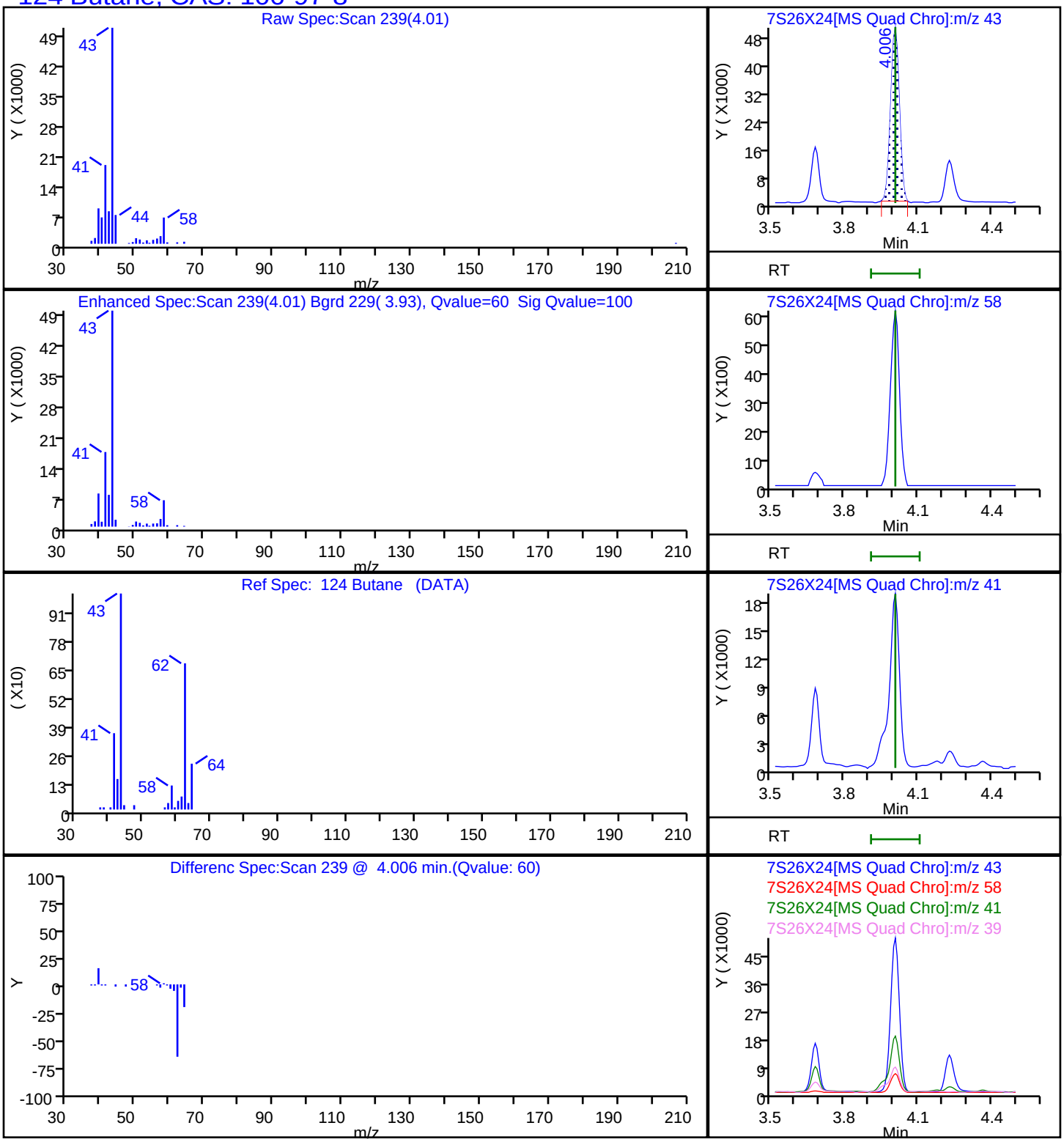
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8



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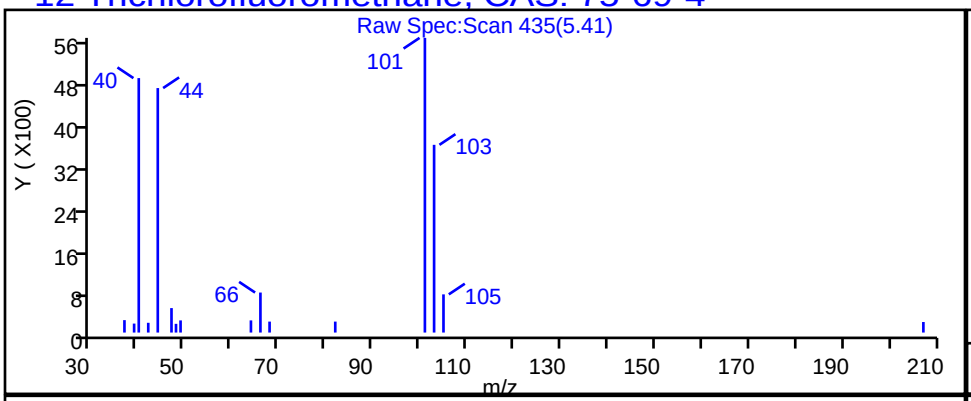
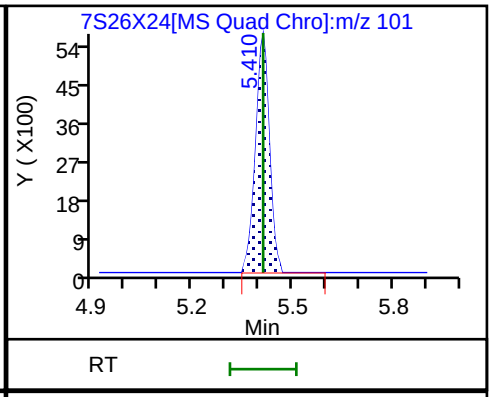
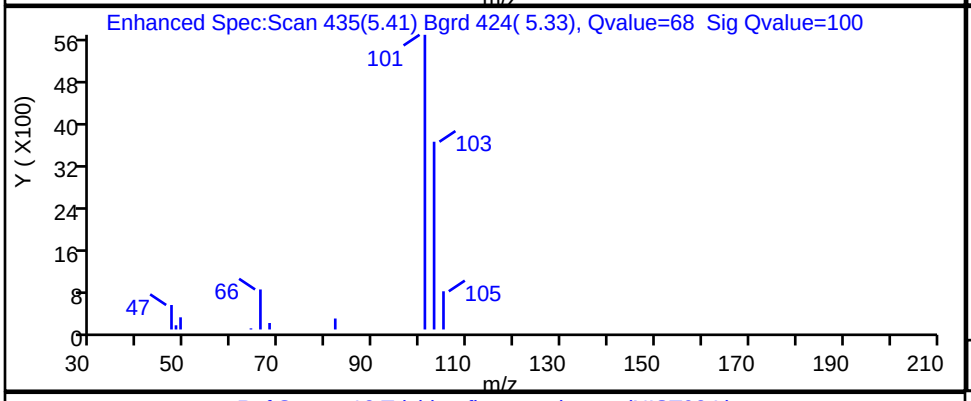
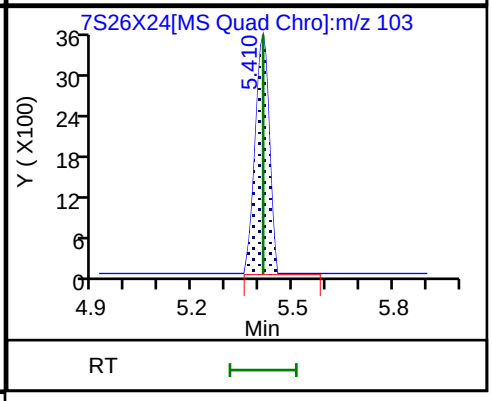
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

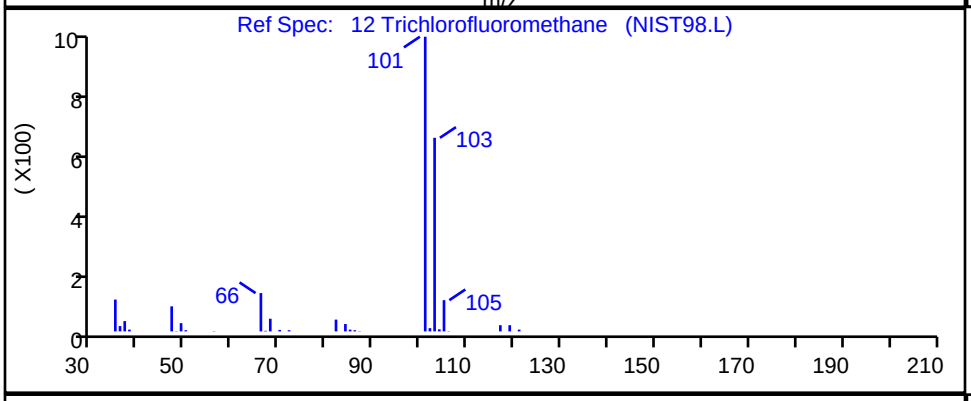
## 12 Trichlorofluoromethane, CAS: 75-69-4

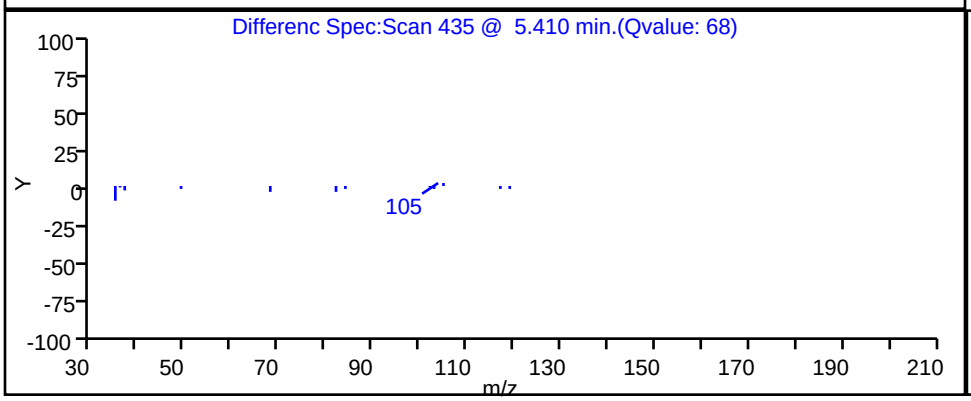


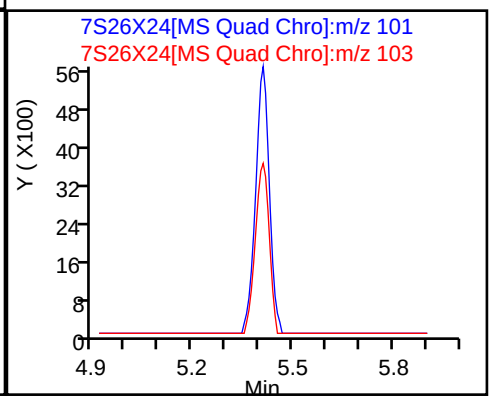



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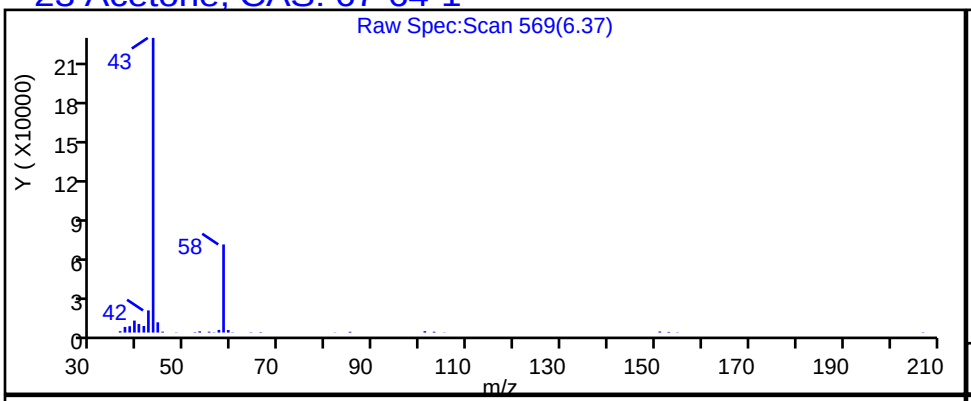
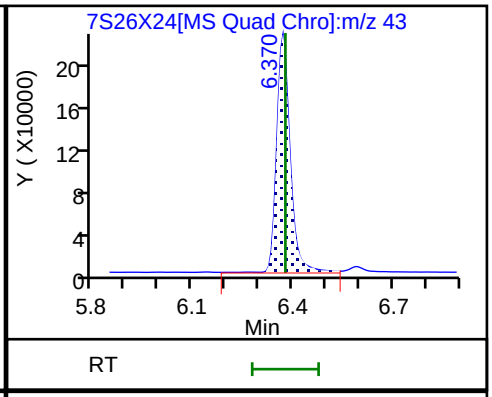
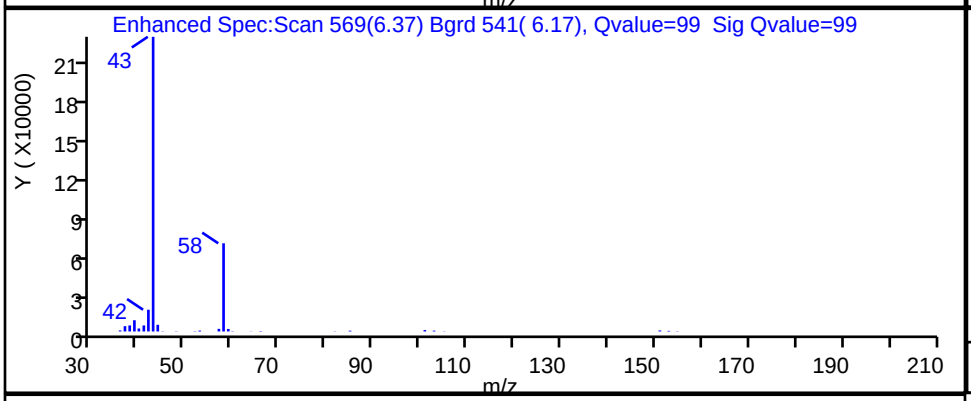
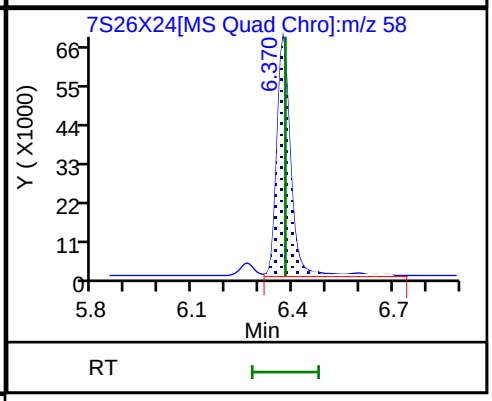
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

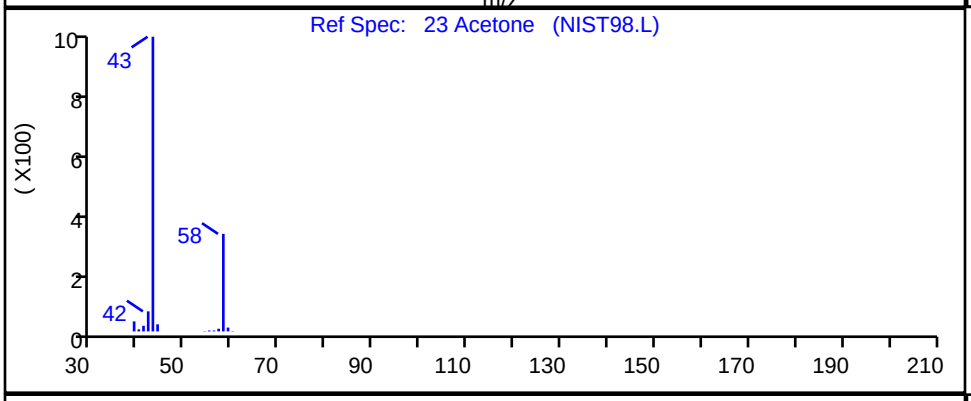
## 23 Acetone, CAS: 67-64-1

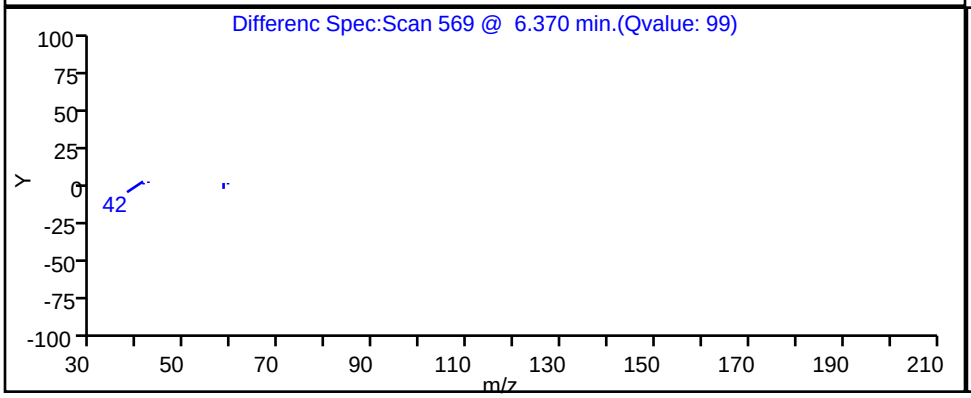


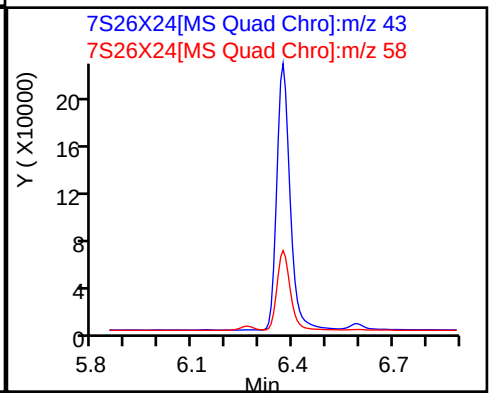



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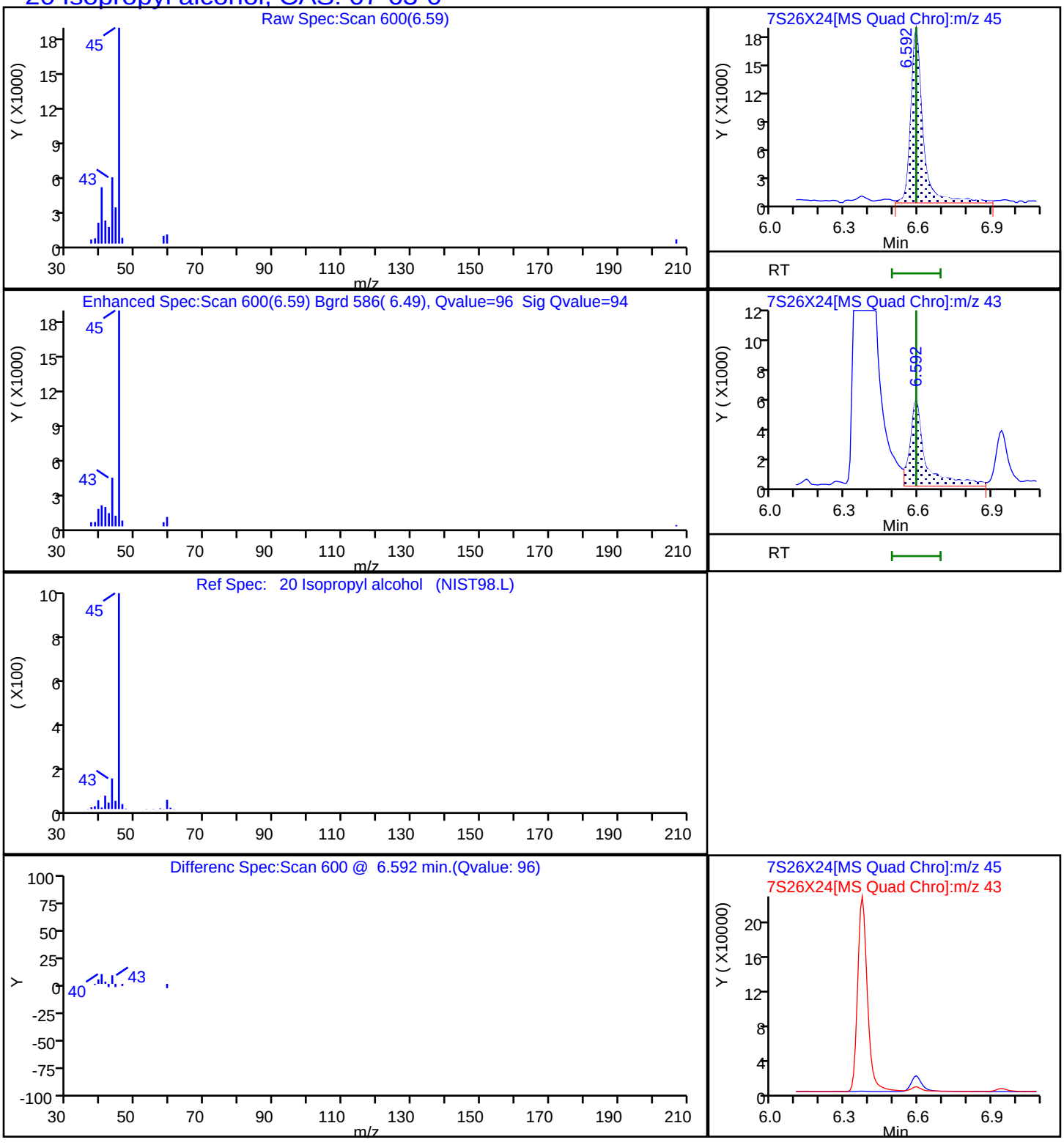
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0



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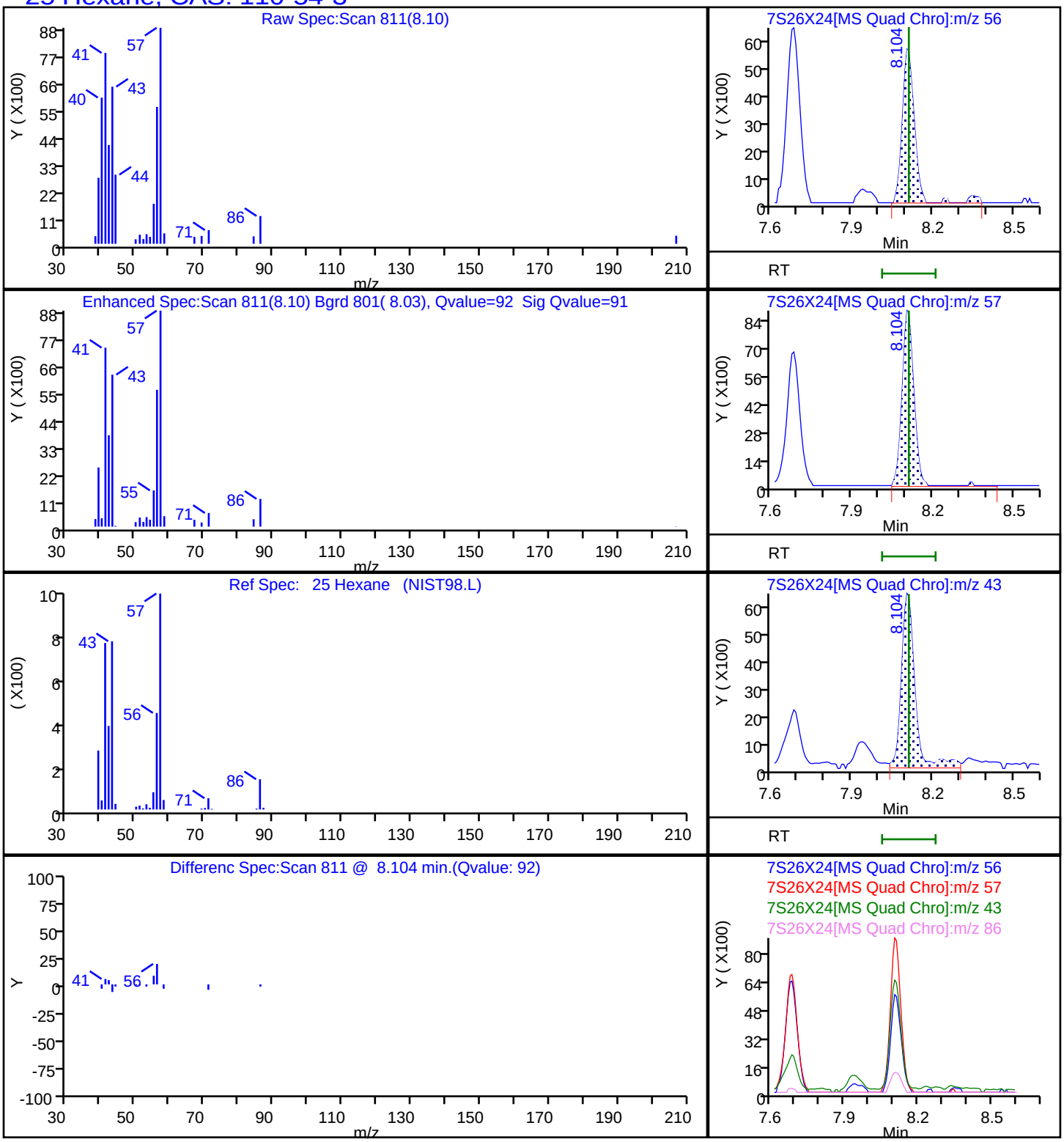
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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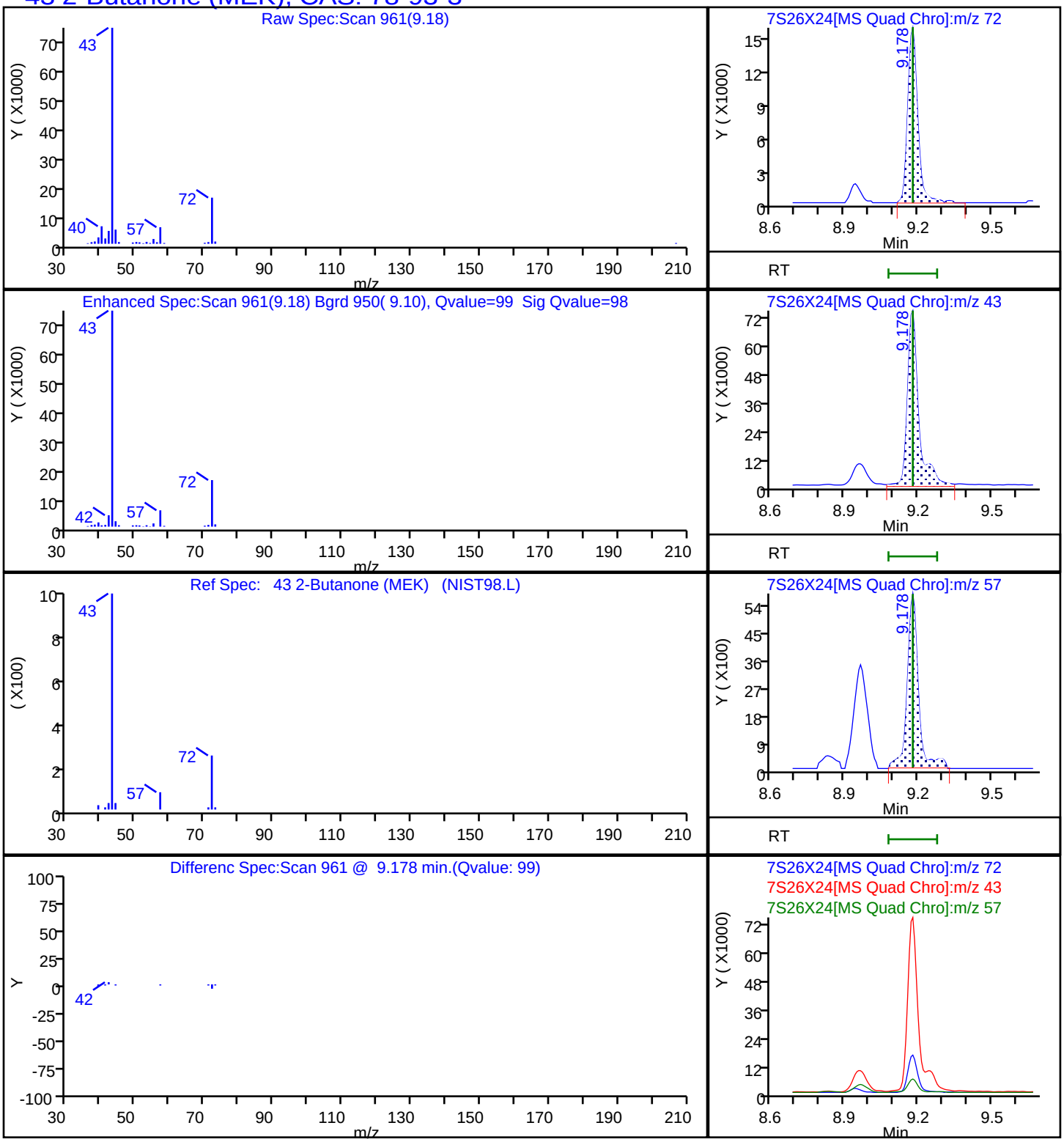
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3



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Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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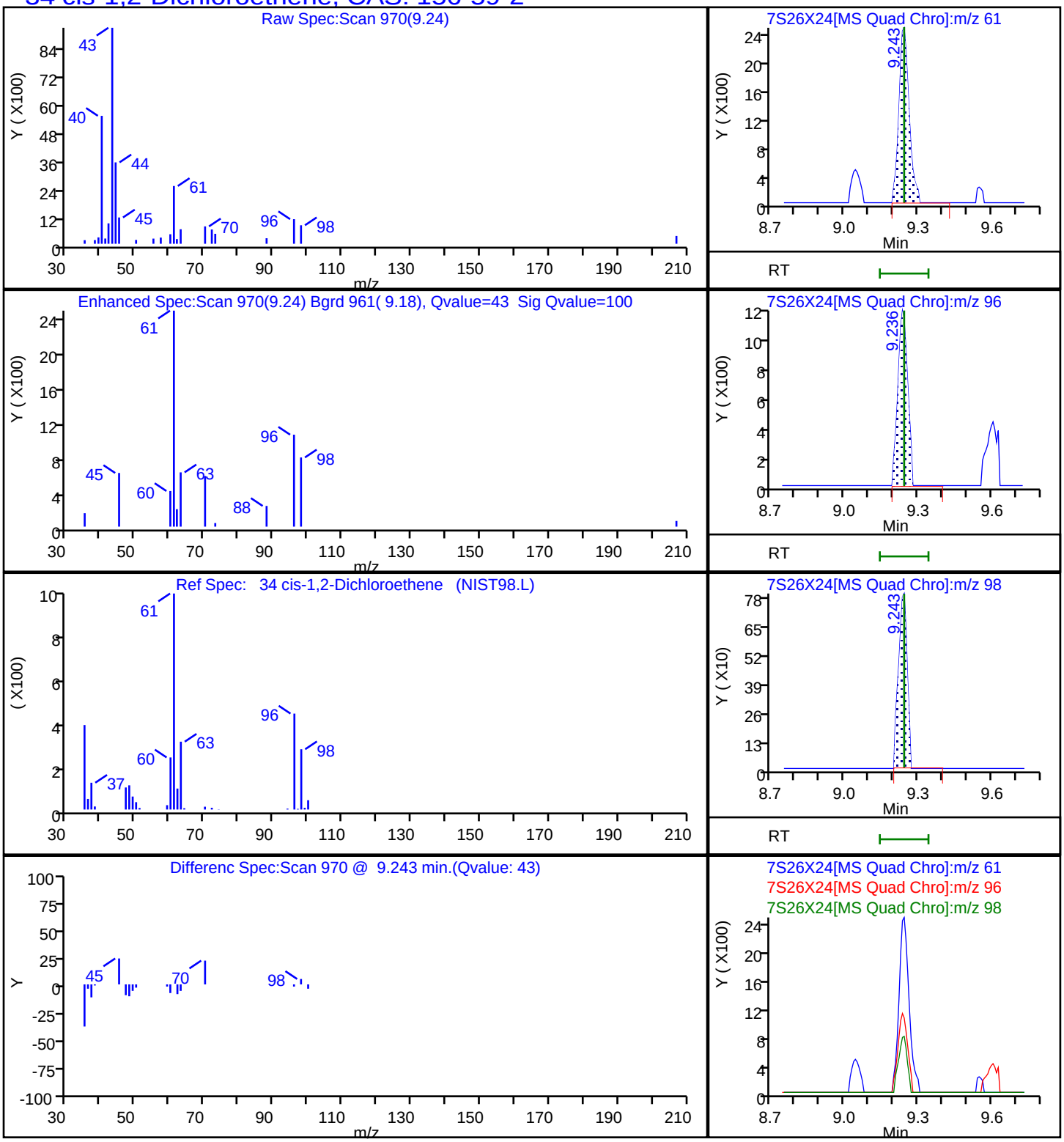
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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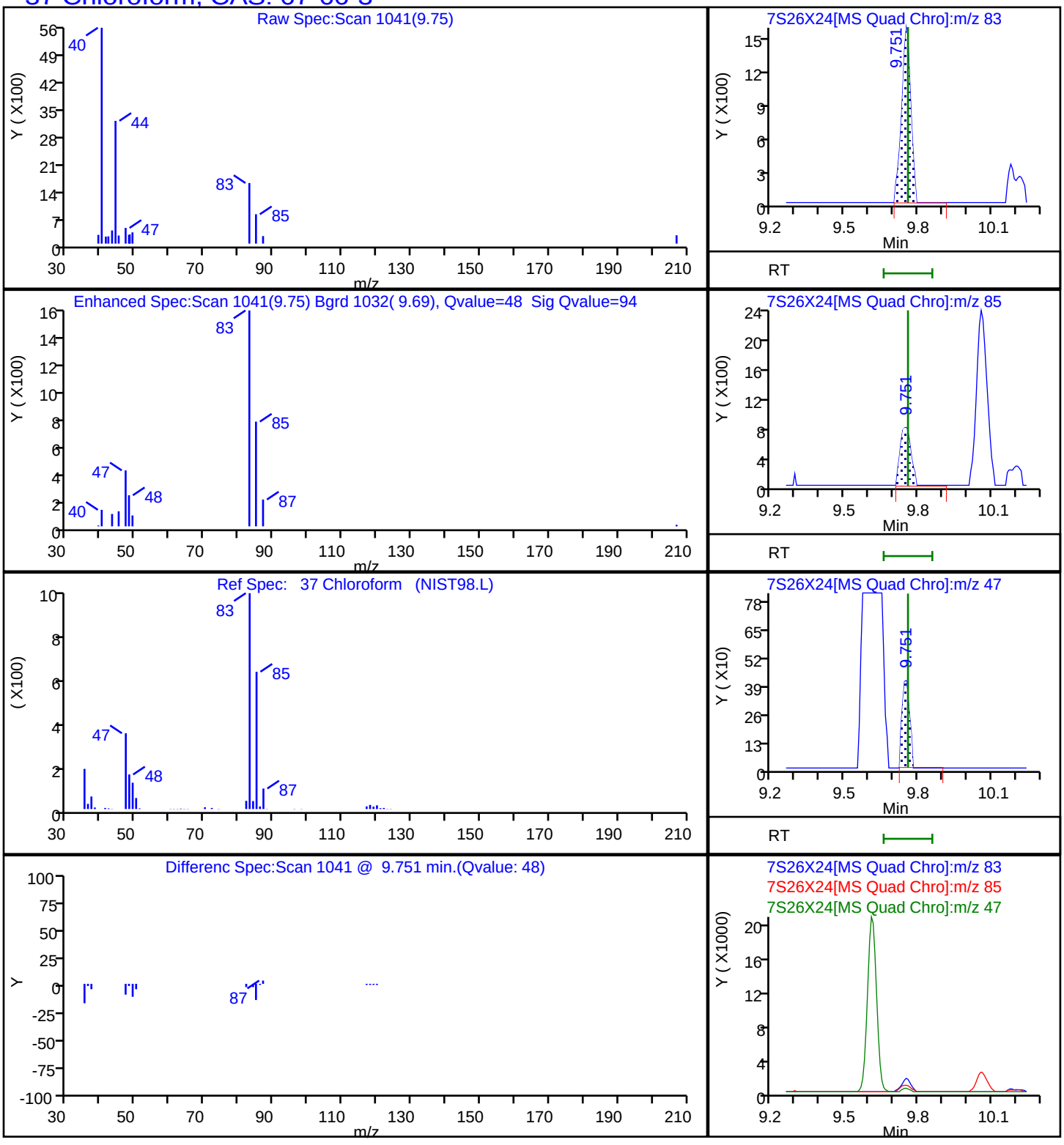
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3



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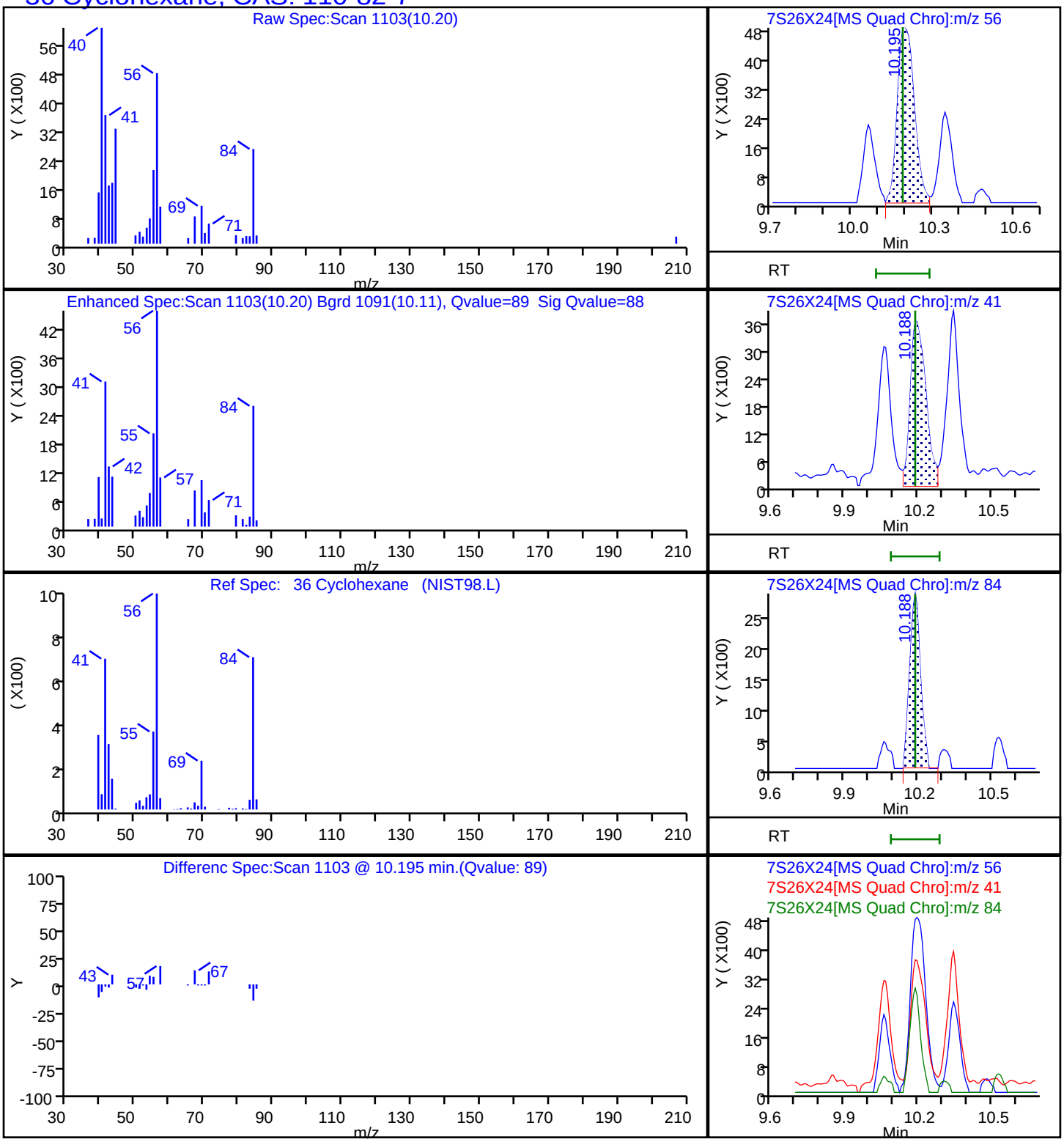
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

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Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D

Injection Date: 26-Sep-2025 21:25:21 Instrument ID: HP8R004

Lims ID: 460-335451-A-7 Lab Sample ID: 410-335451-7

Client ID: C241174_PLR-IA03_MW16D19D_092125

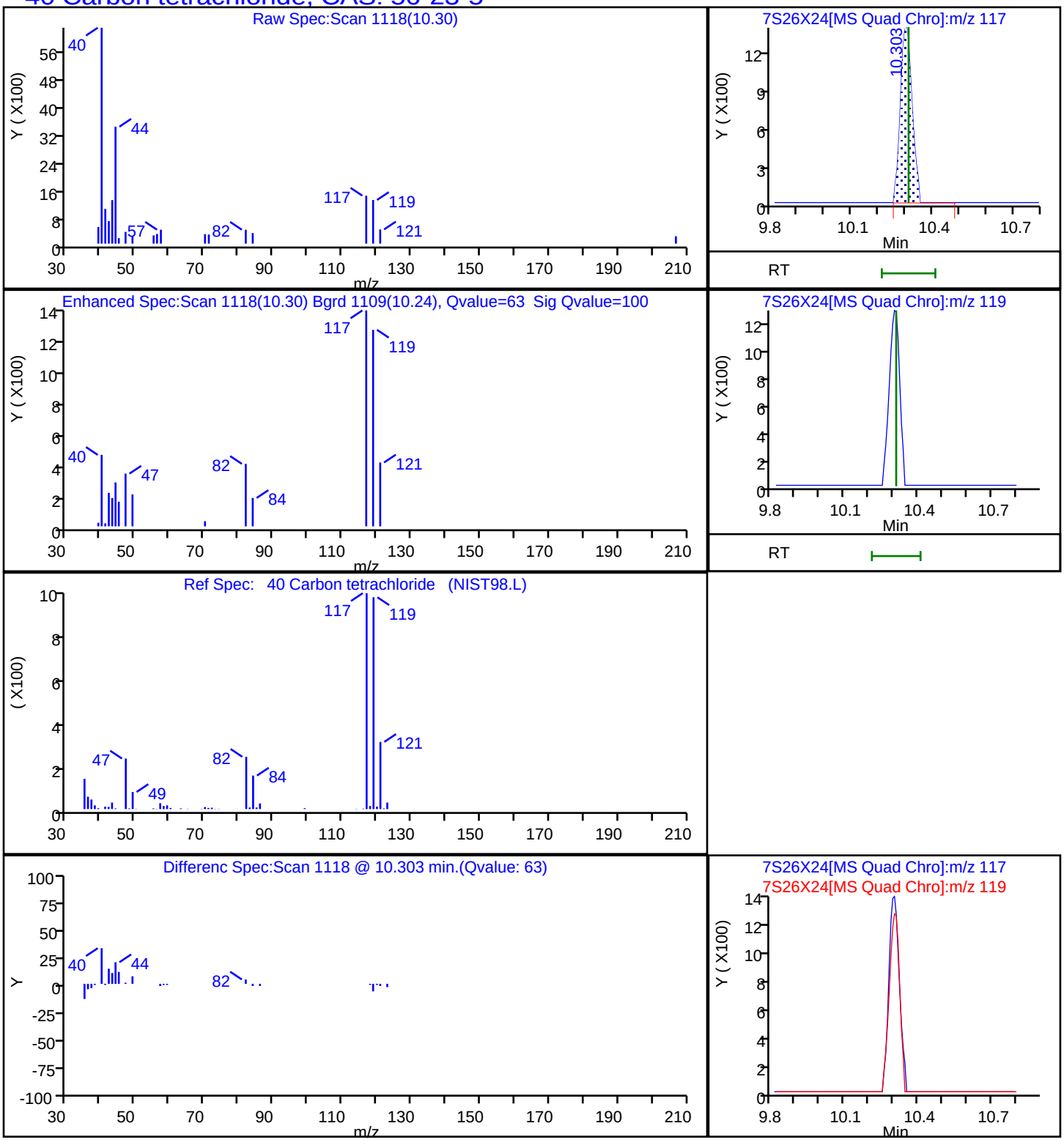
Operator ID: sn105465 ALS Bottle#: 22 Worklist Smp#: 25

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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

## 40 Carbon tetrachloride, CAS: 56-23-5



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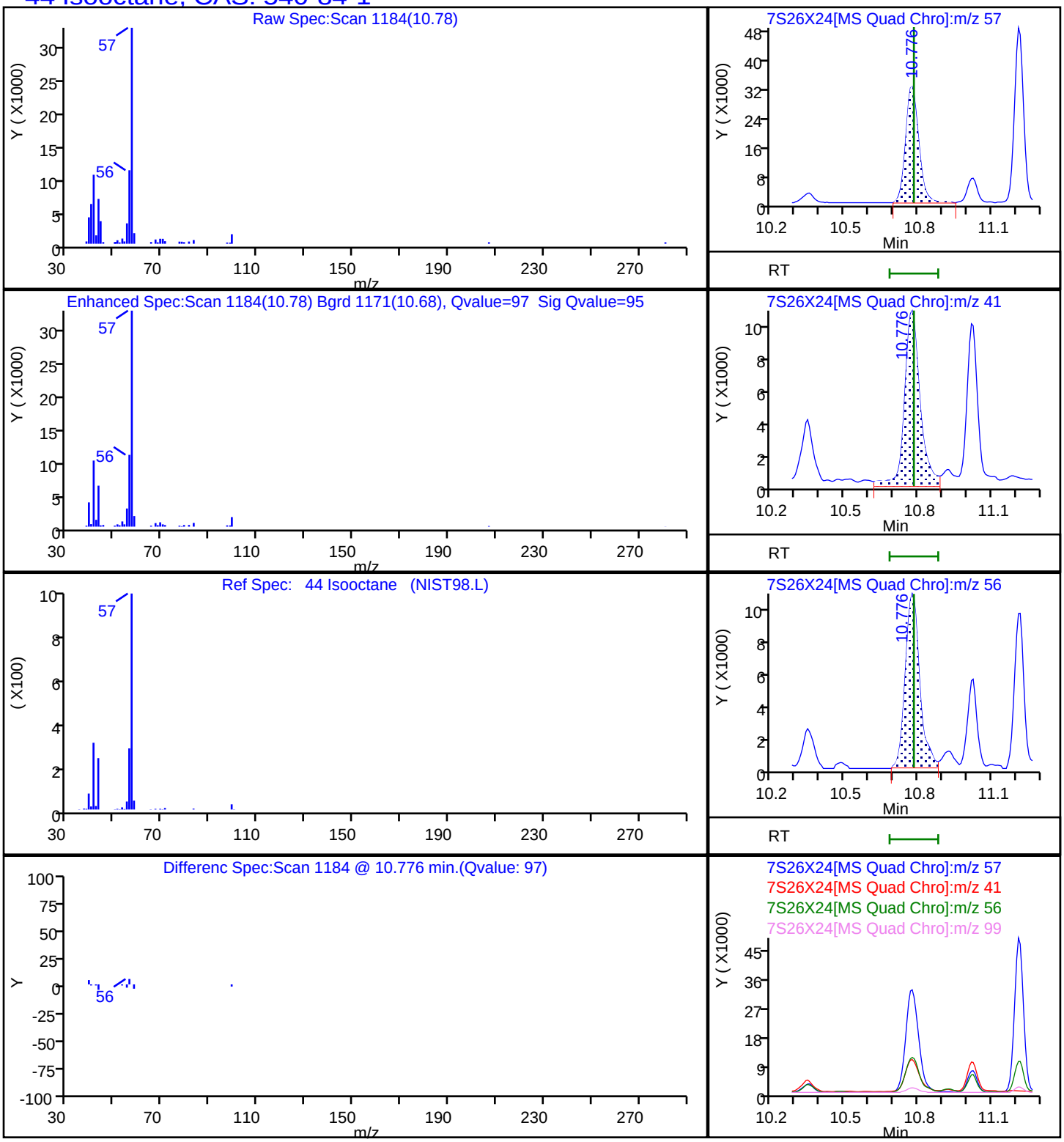
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1



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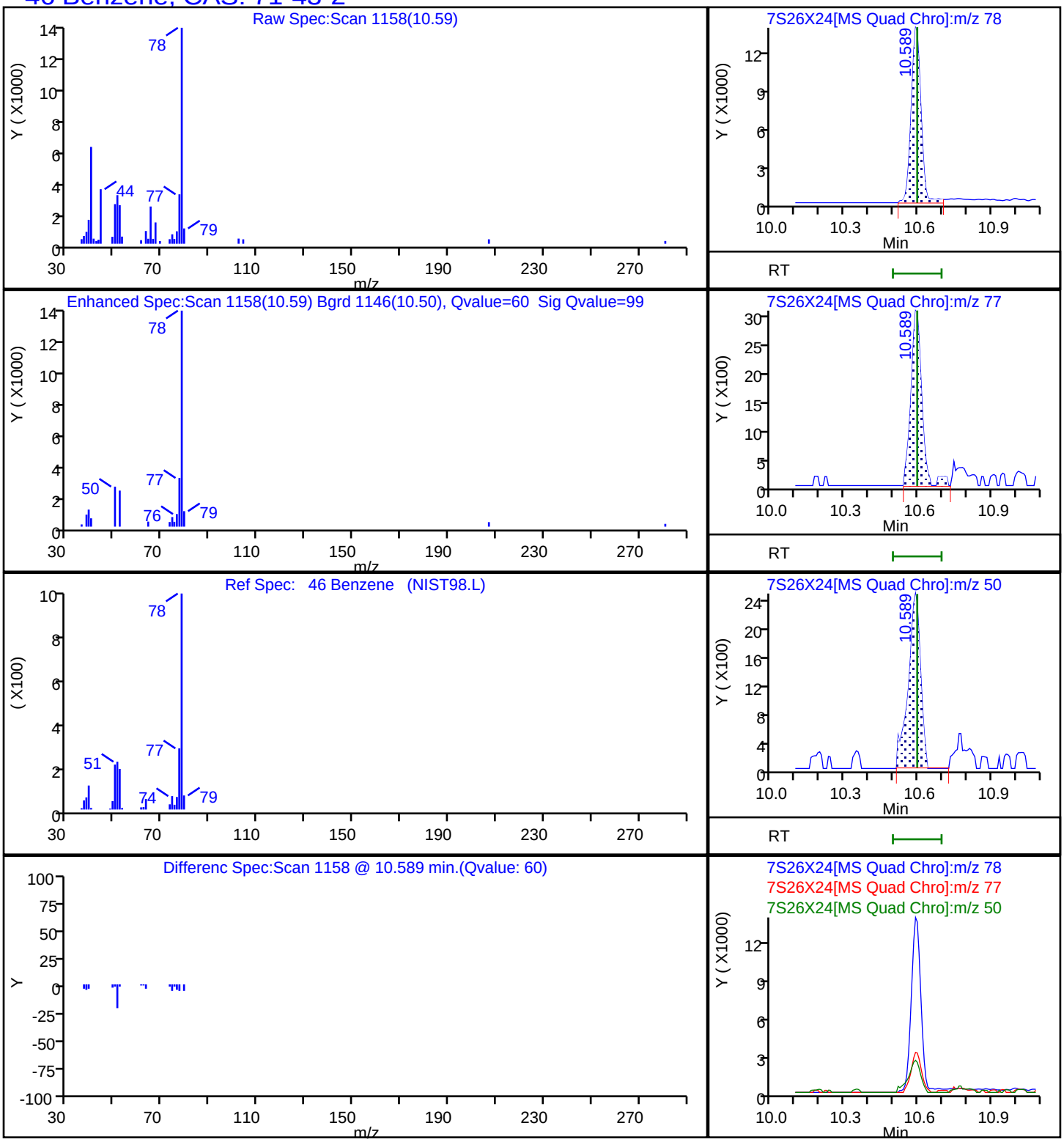
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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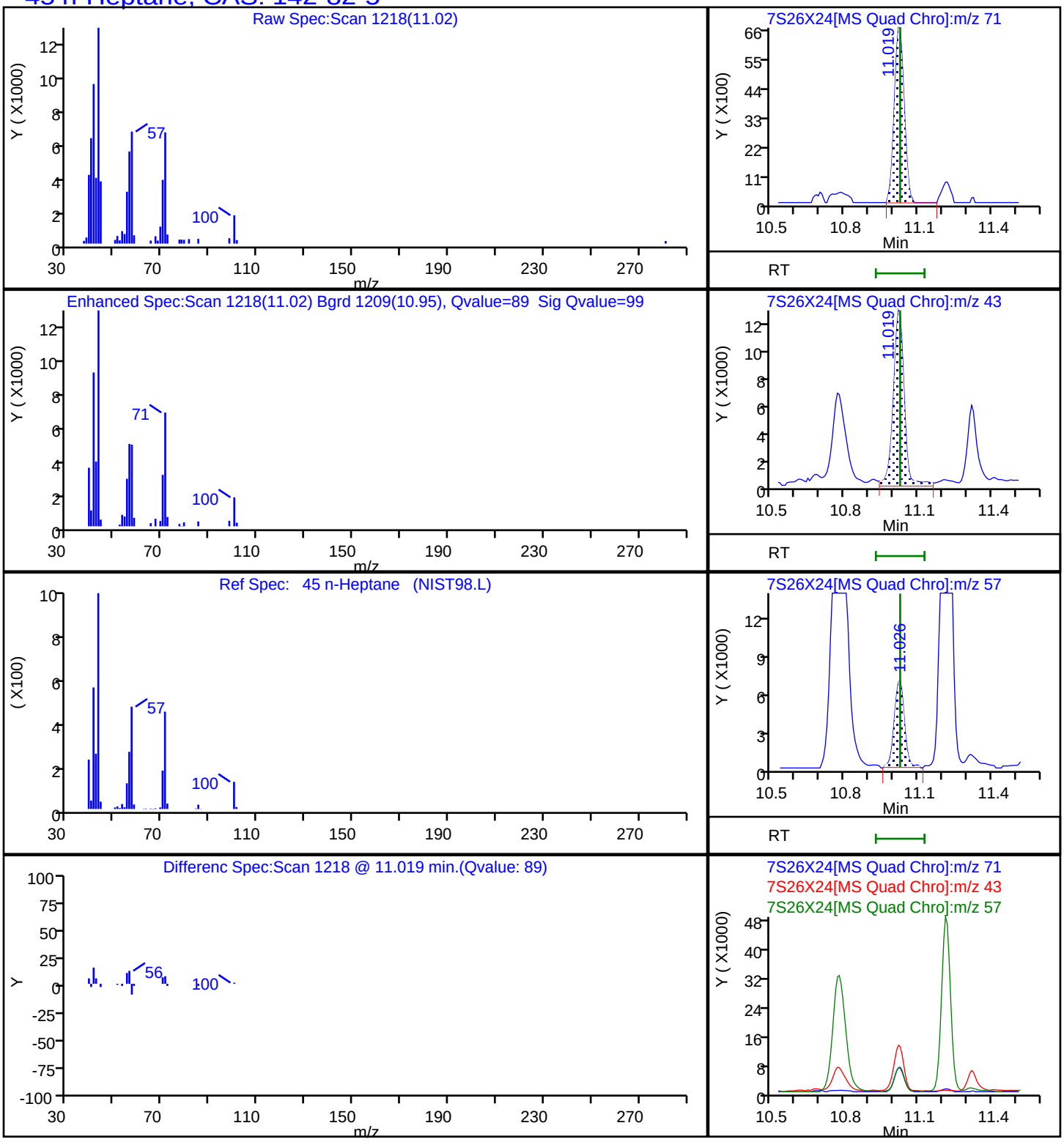
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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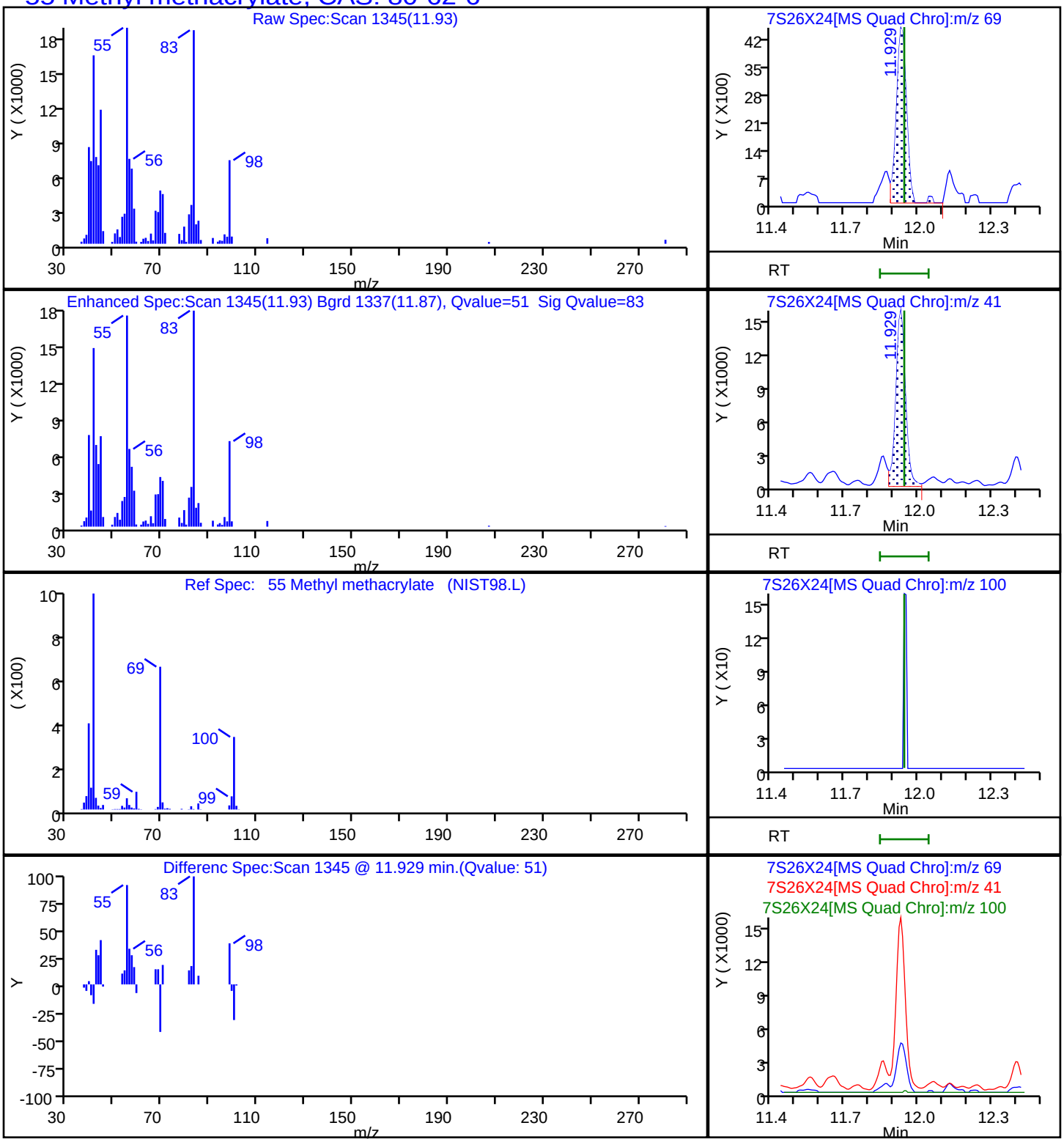
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6



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9:18:09 AM

Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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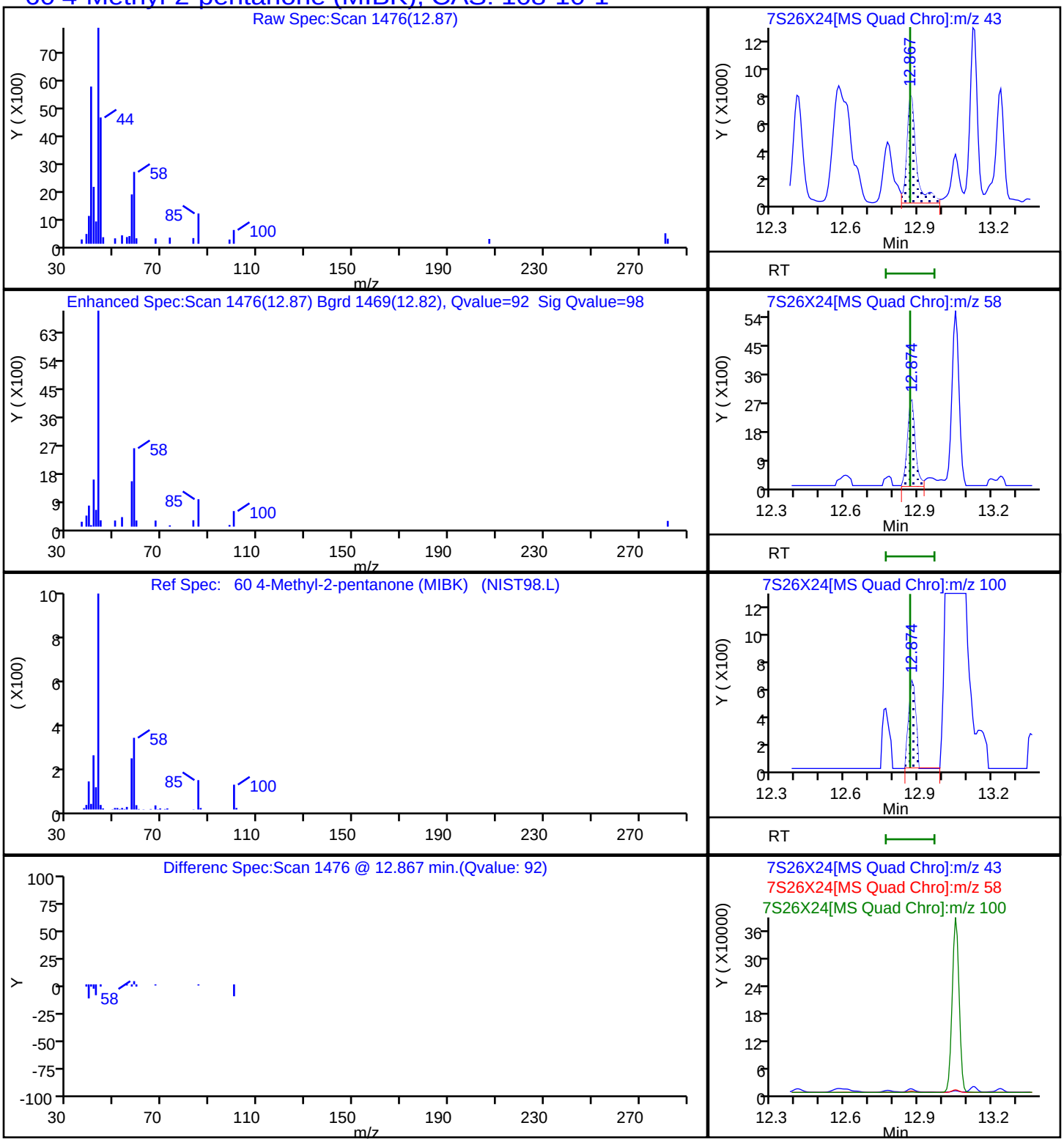
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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



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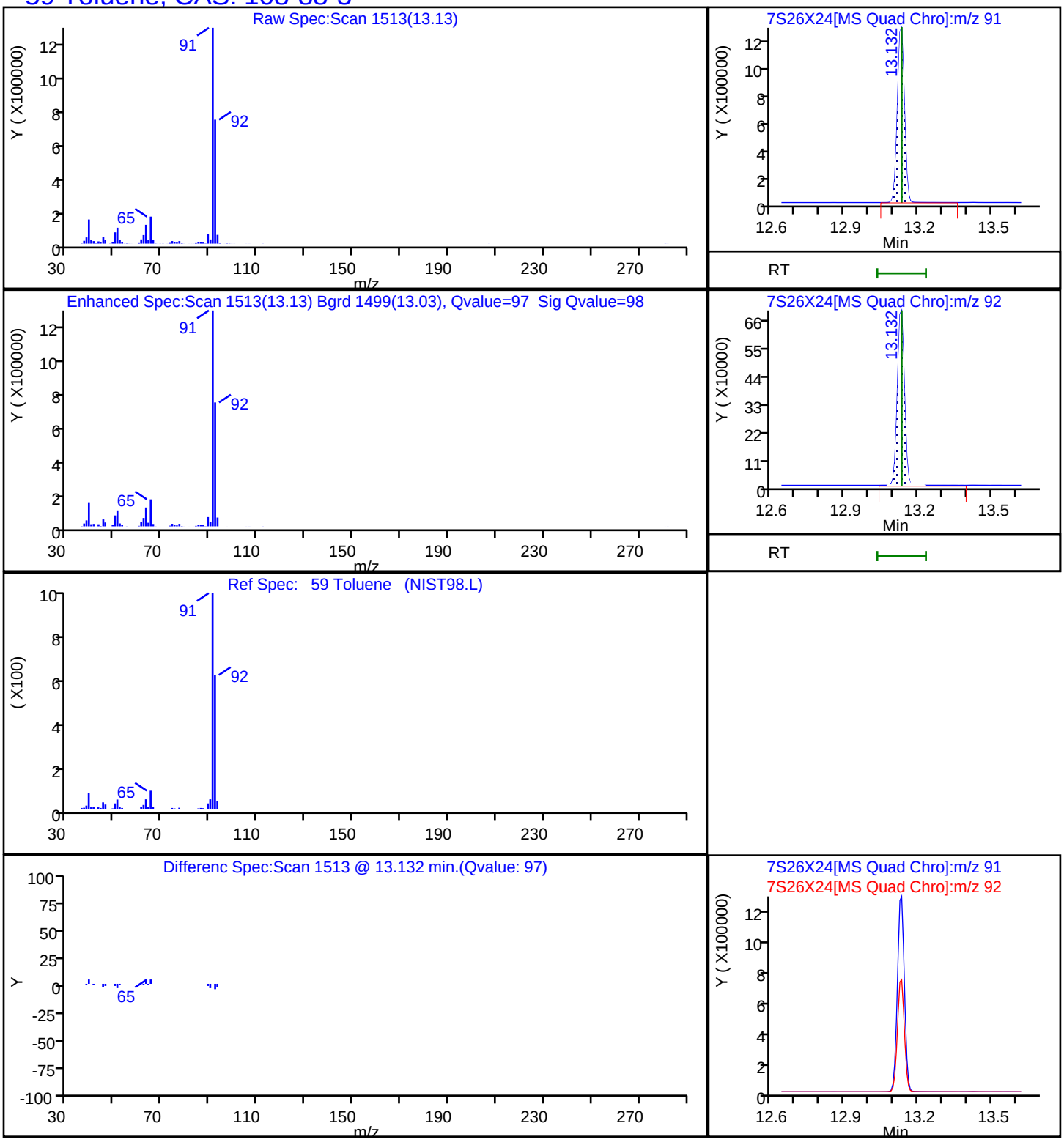
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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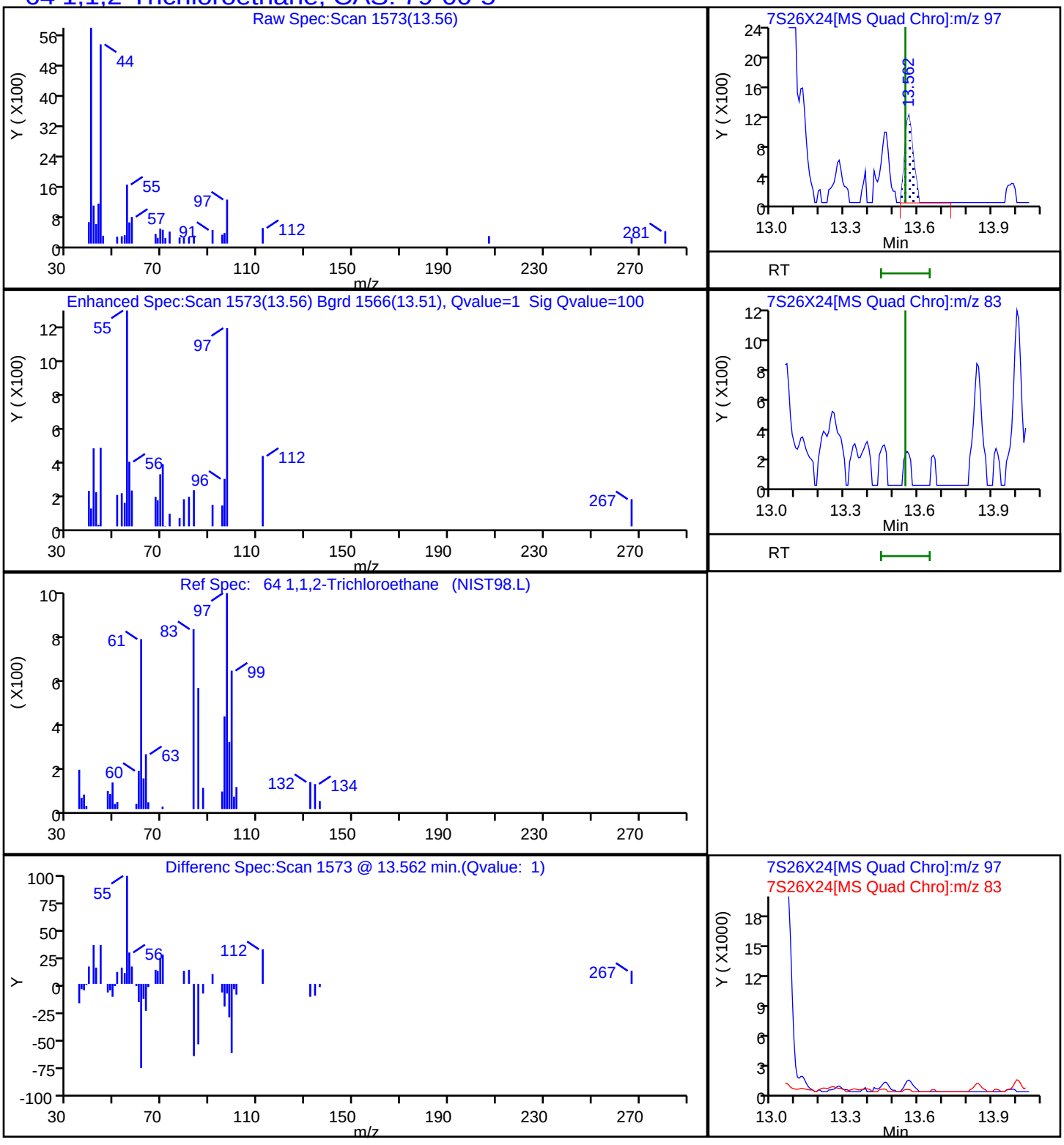
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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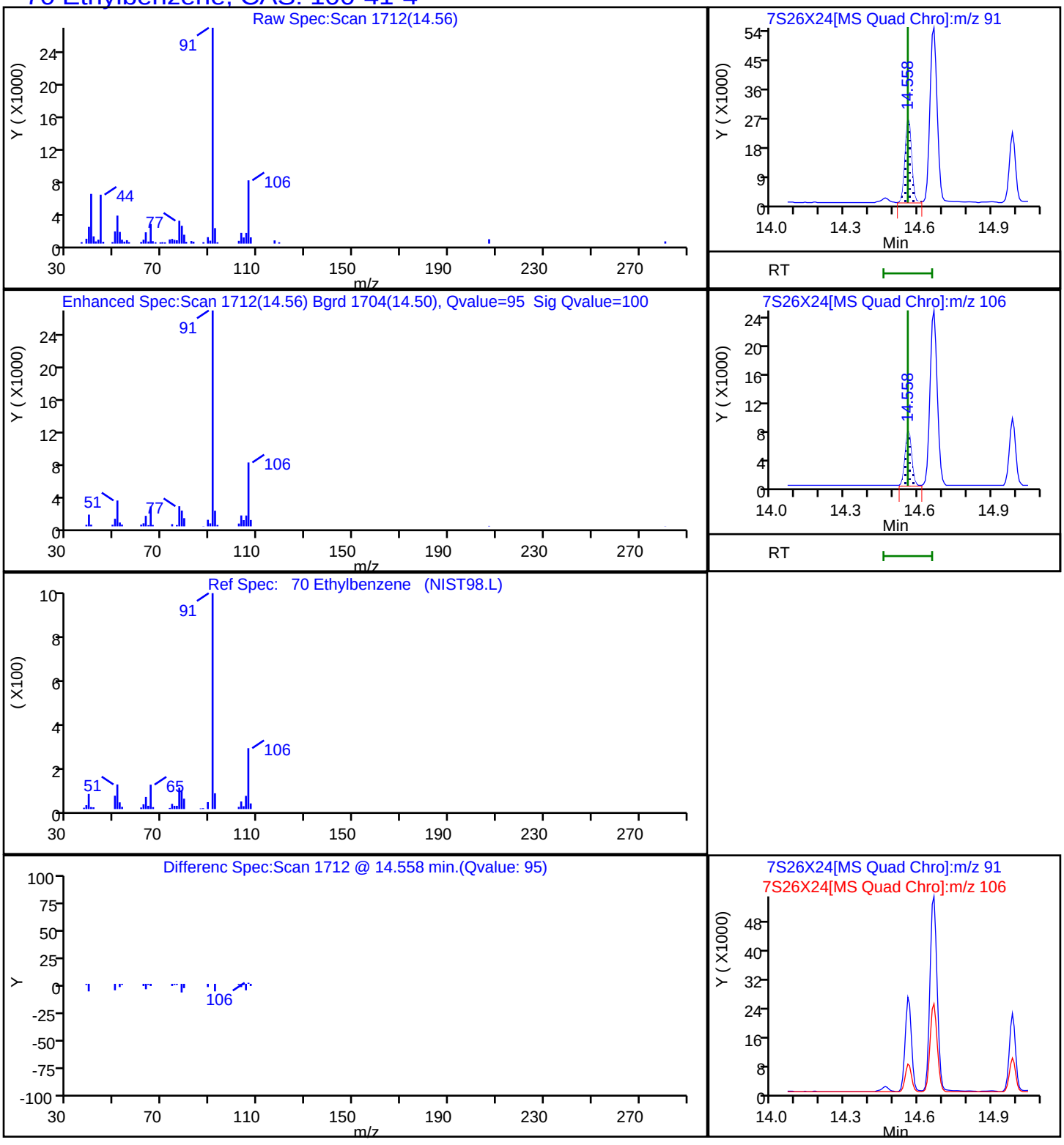
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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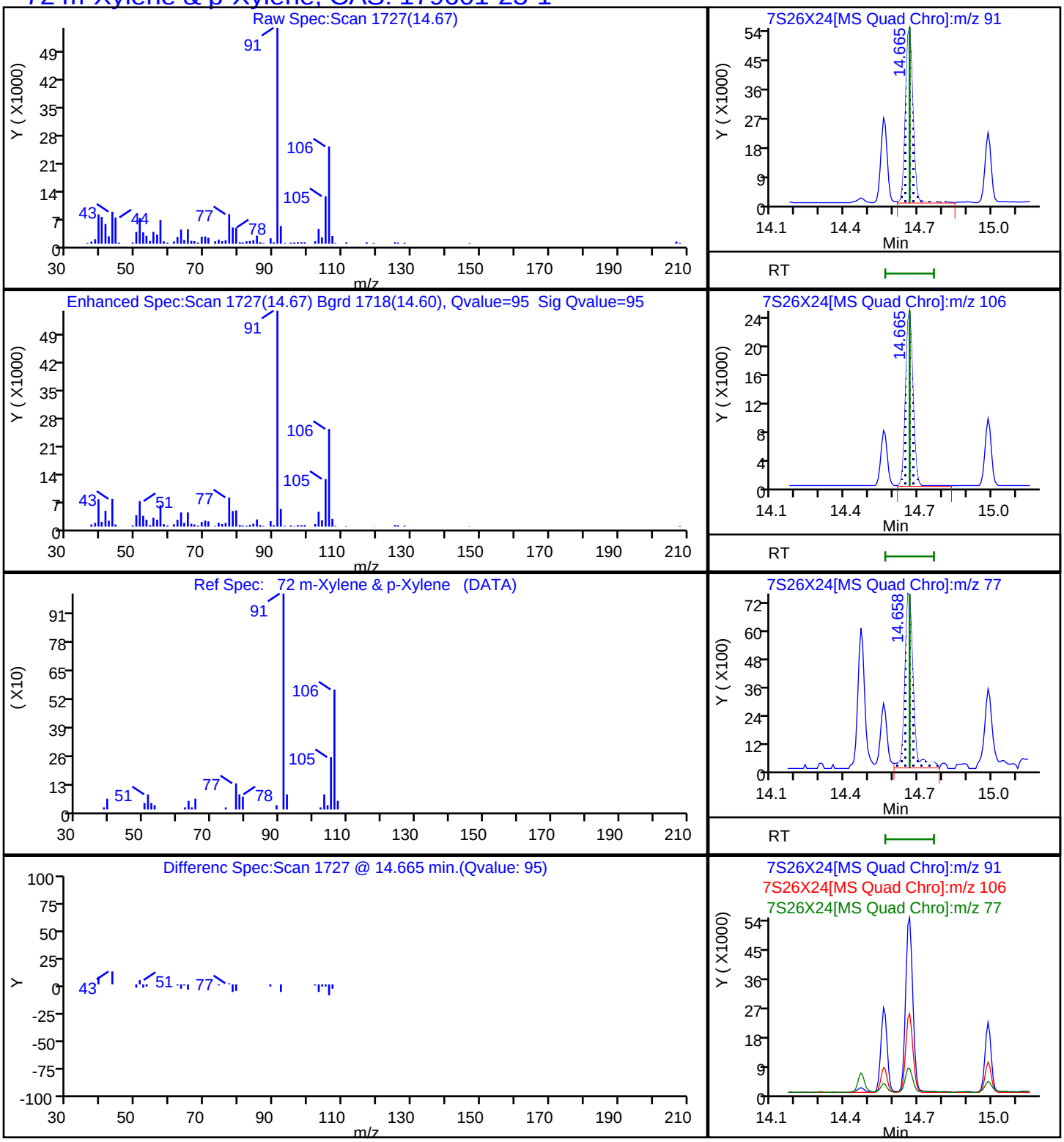
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1






10/16/2025
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Eurofins Lancaster Laboratories Environment Testing, LLC

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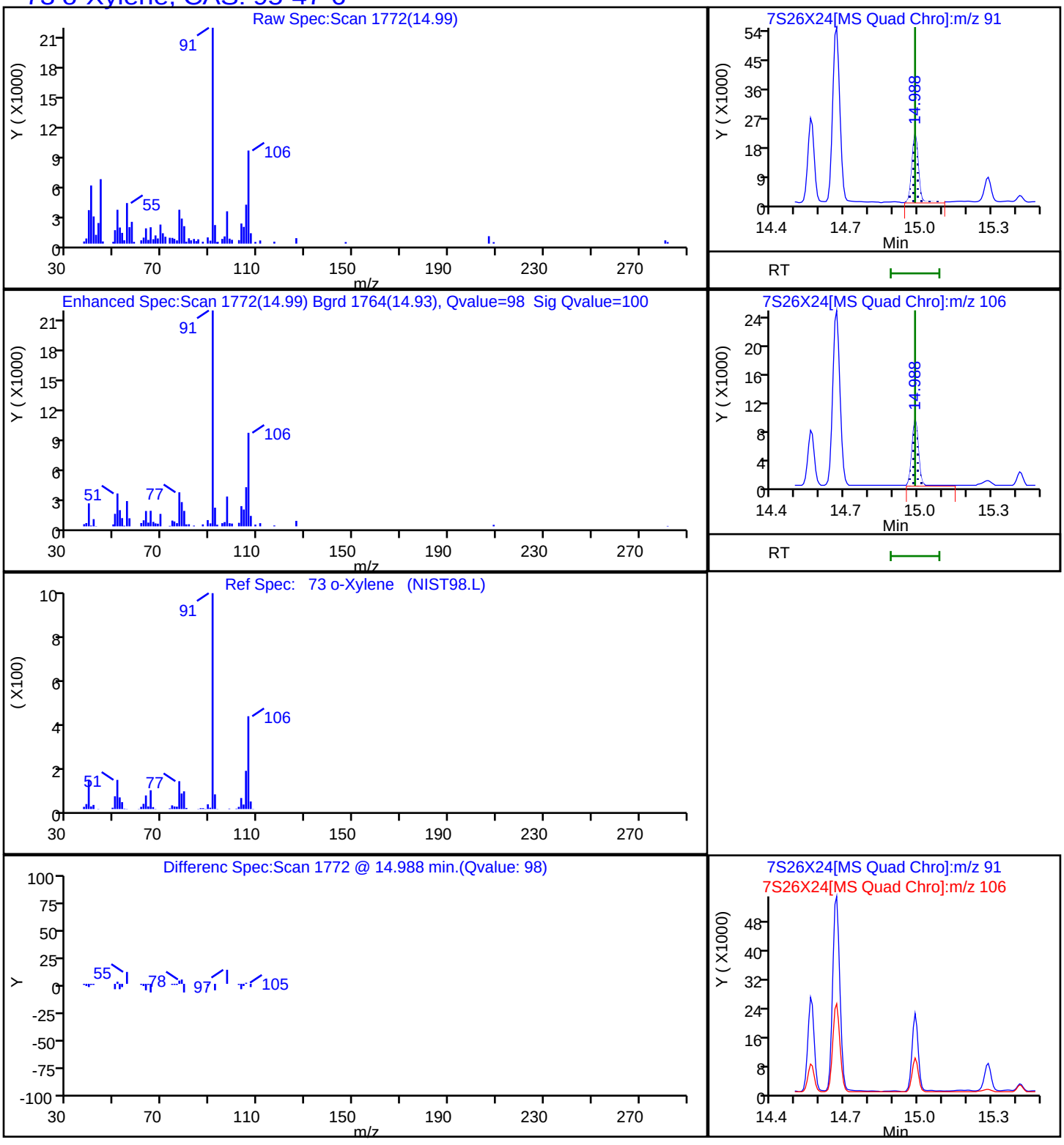
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 73 o-Xylene, CAS: 95-47-6



Report Date: 28-Sep-2025 14:48:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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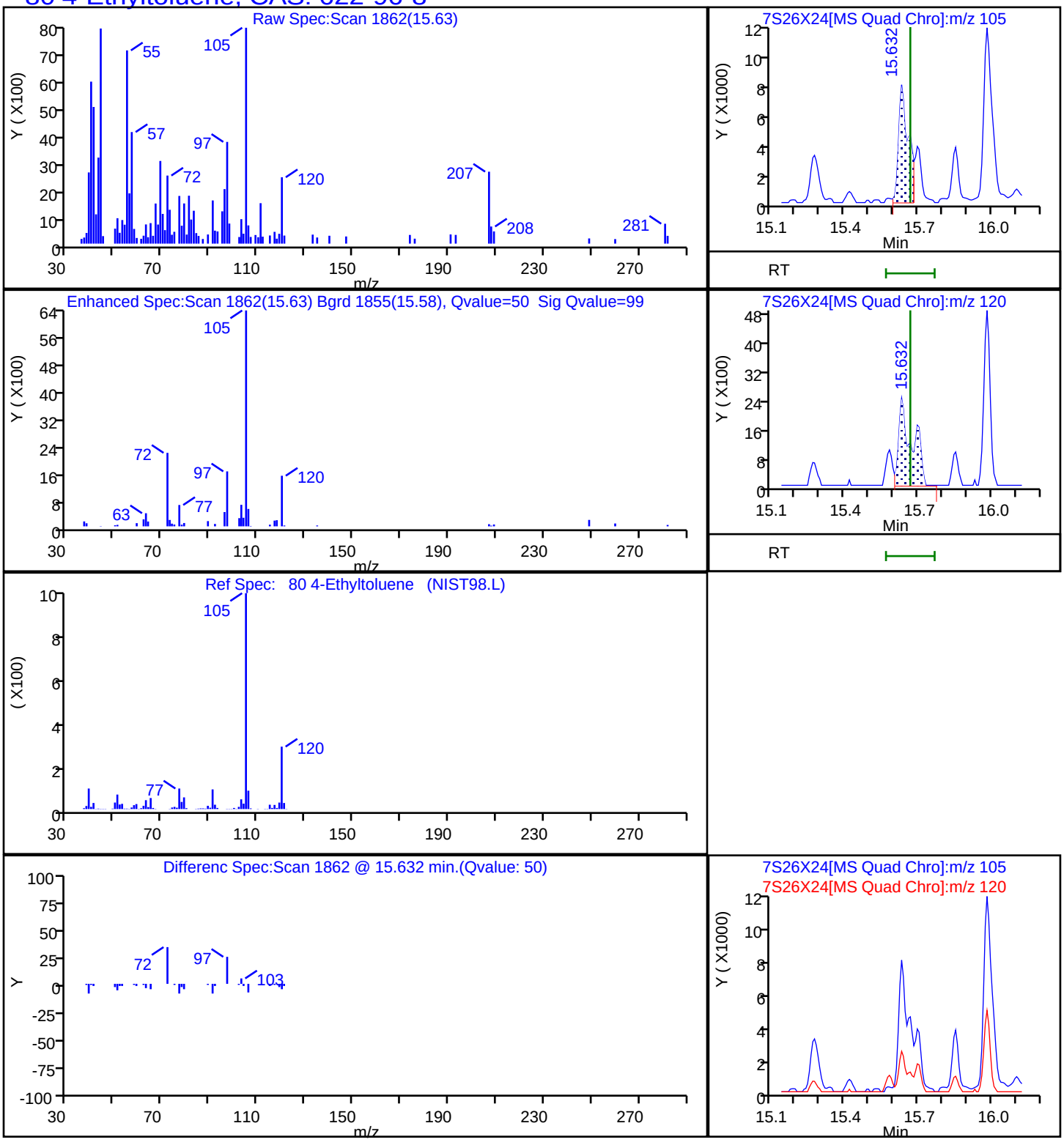
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8



Eurofins Lancaster Laboratories Environment Testing, LLC

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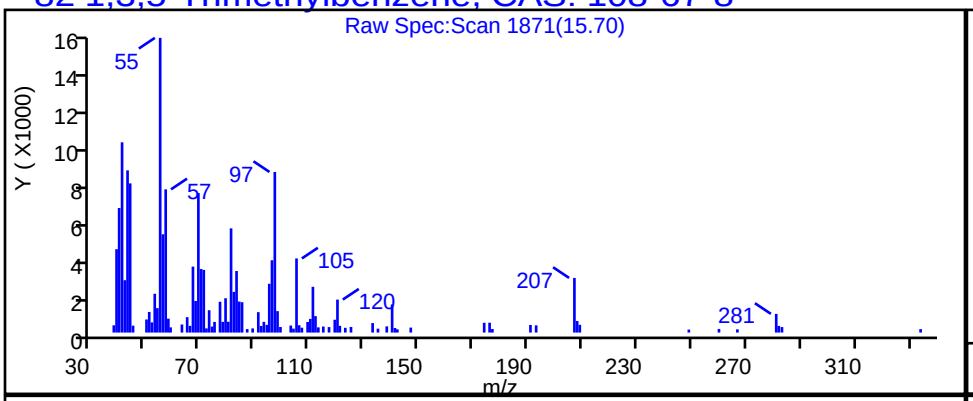
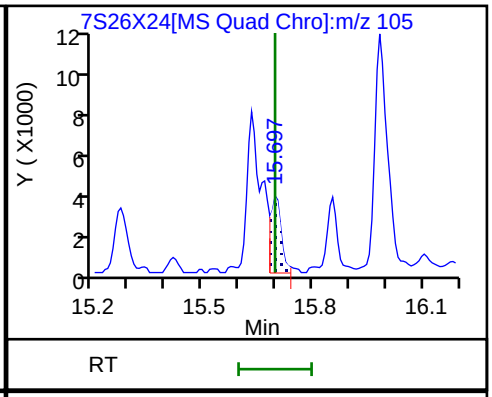
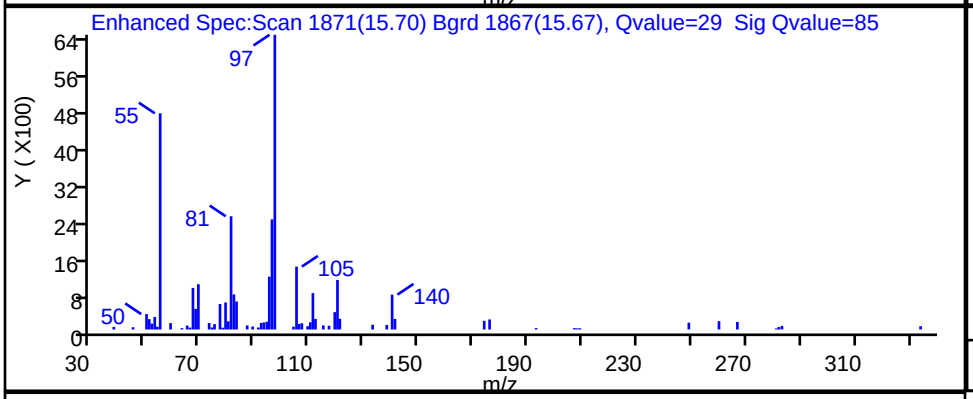
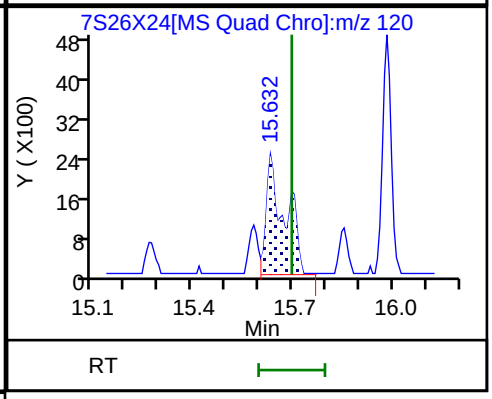
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

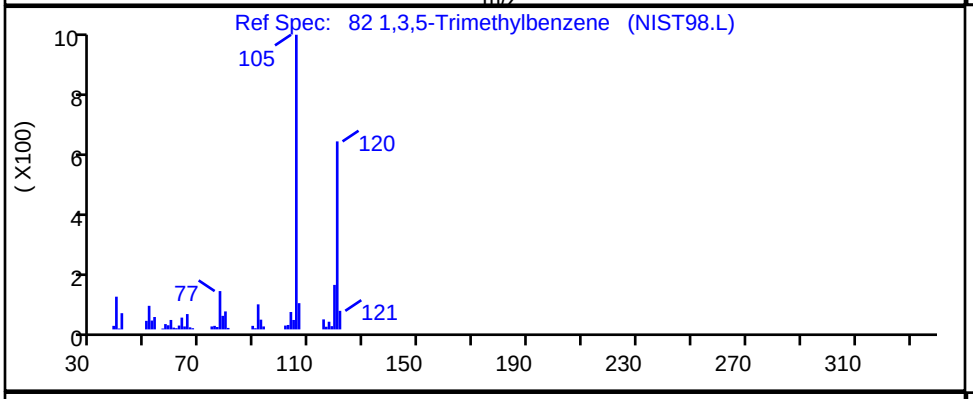
## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

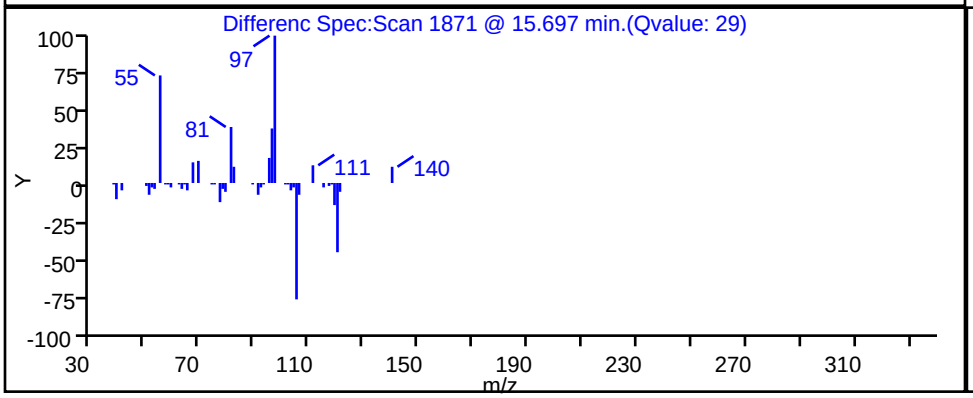


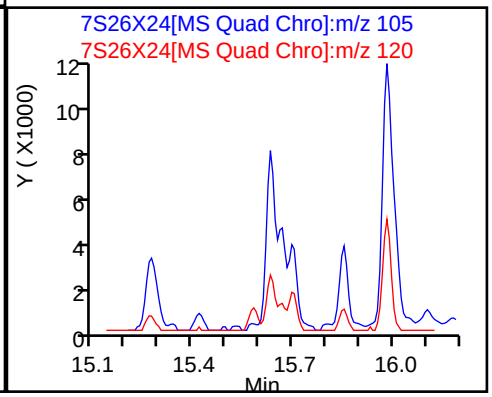



Eurofins Lancaster Laboratories Environment Testing, LLC

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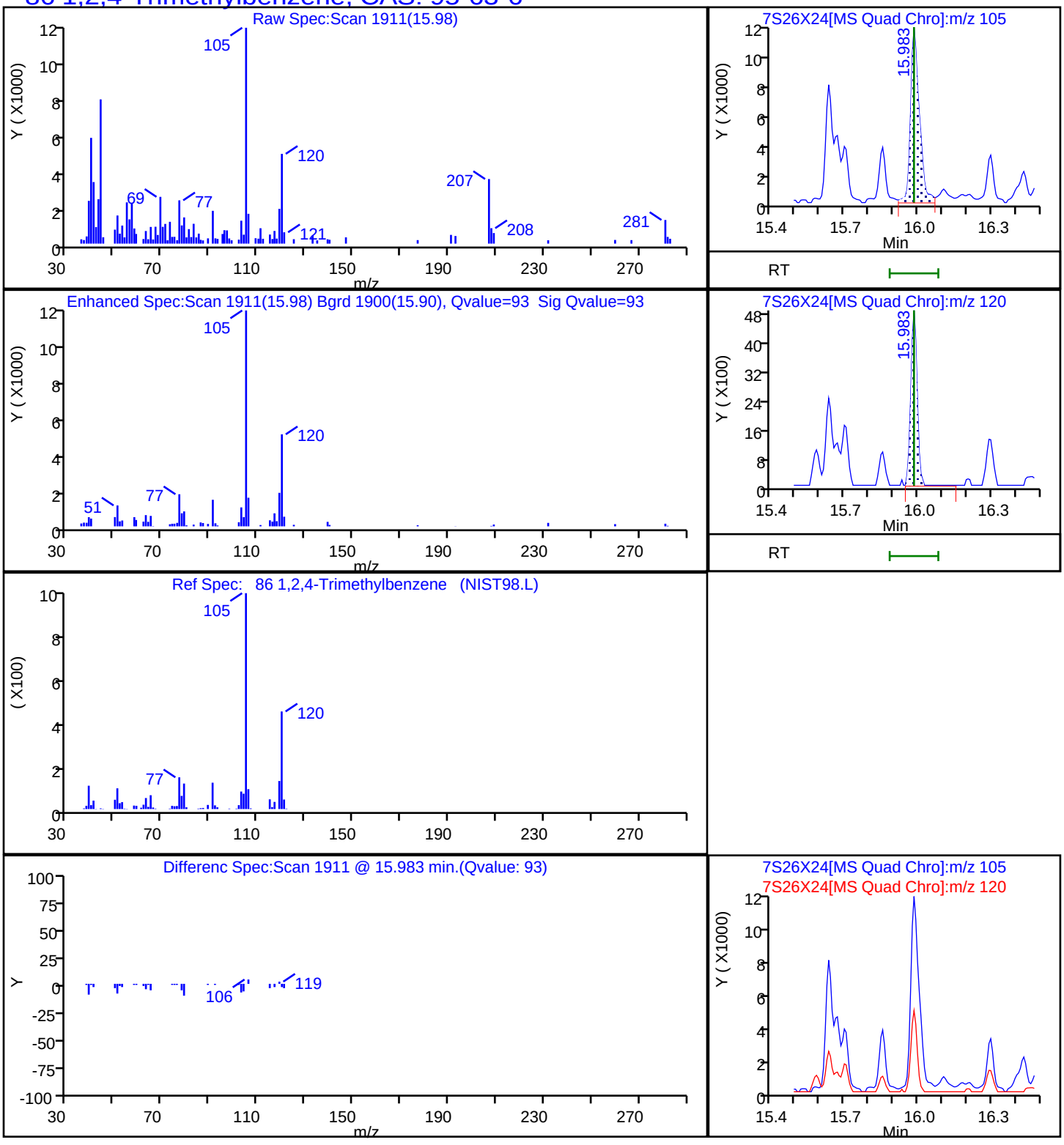
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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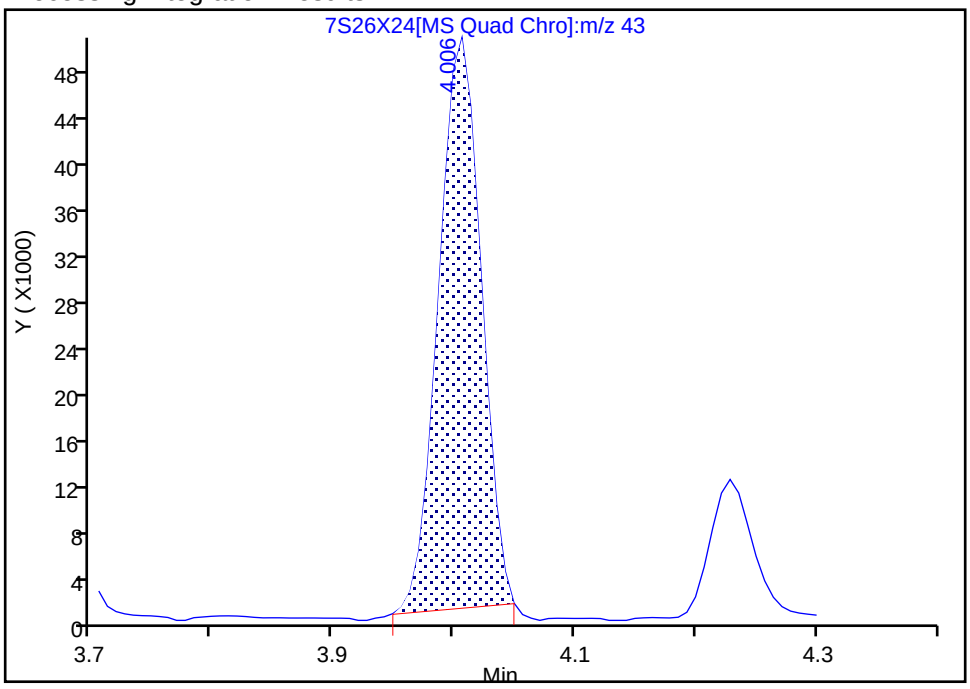
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

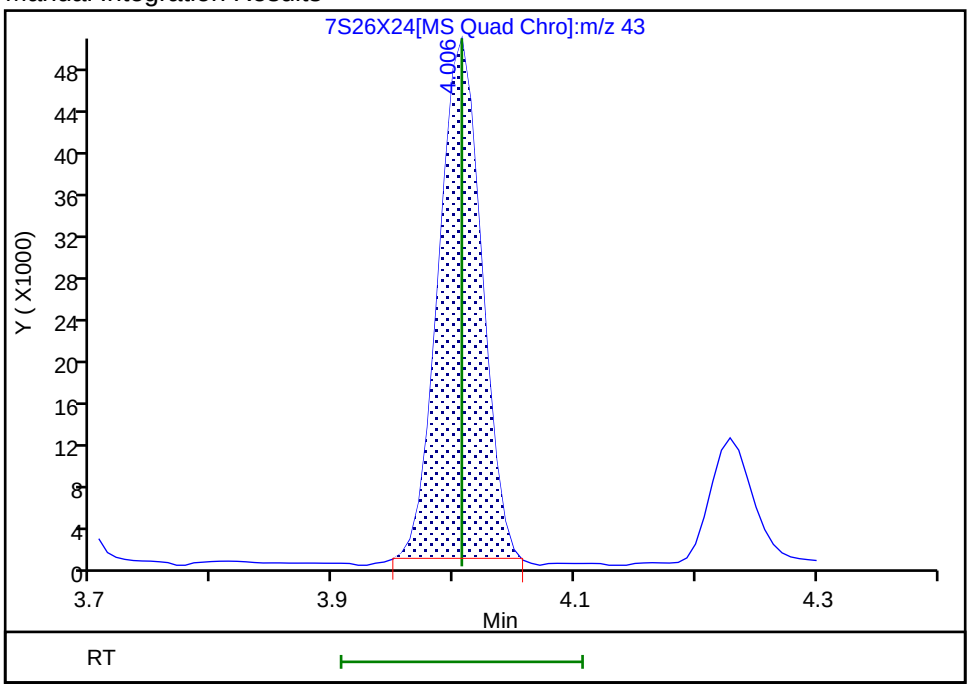
Processing Integration Results

RT: 4.01
Area: 120338
Amount: 2.534306
Amount Units: ppb v/v




Manual Integration Results

RT: 4.01
Area: 123419
Amount: 2.599192
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:33:18 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

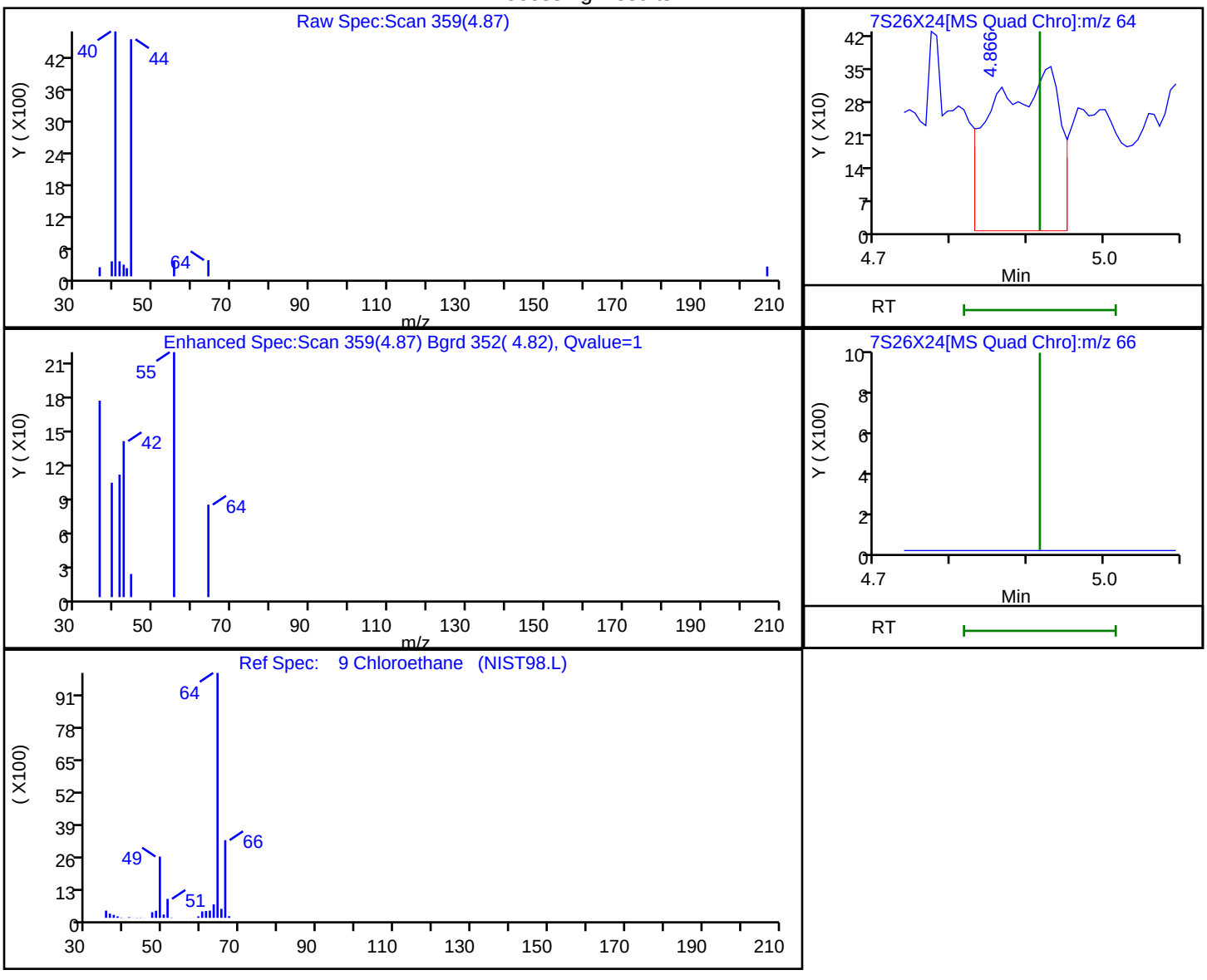
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.87 | 64.00 | 2002 | 0.128696 |
| 4.92 | 66.00 | 0 | |

Reviewer: JXC9, 28-Sep-2025 14:33:24 -04:00:00 (UTC)

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

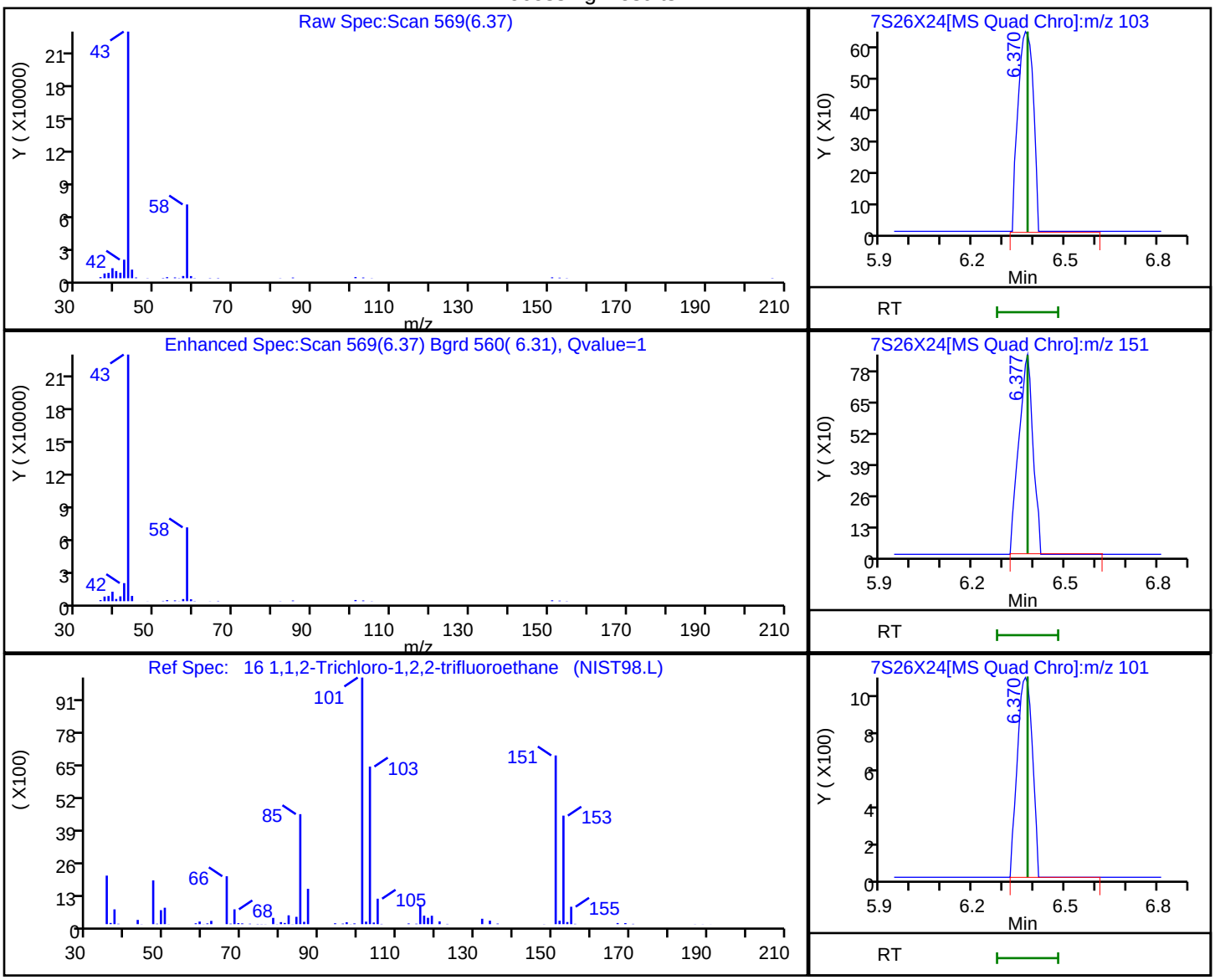
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.37 | 103.00 | 2236 | 0.069668 |
| 6.38 | 151.00 | 2693 | |
| 6.37 | 101.00 | 3650 | |

Reviewer: JXC9, 28-Sep-2025 14:33:29 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

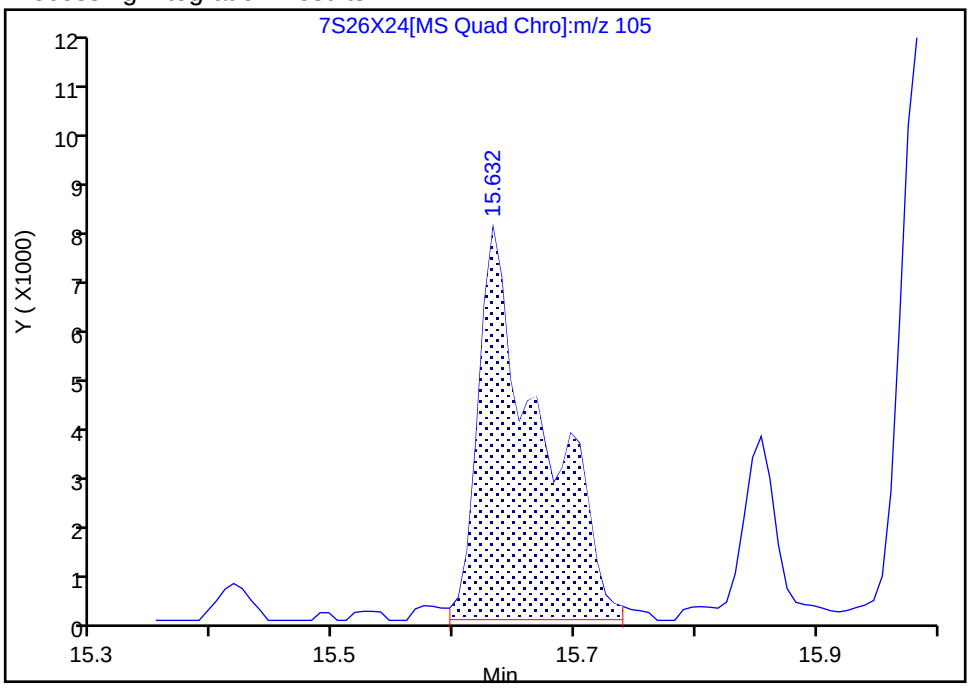
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

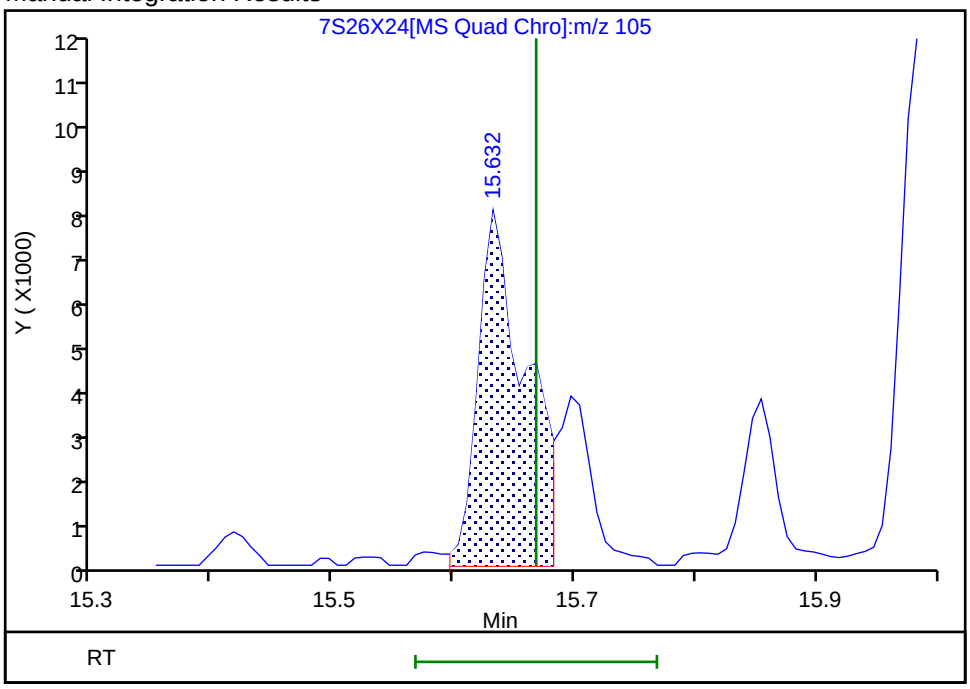
Processing Integration Results

RT: 15.63
Area: 28336
Amount: 0.237605
Amount Units: ppb v/v




Manual Integration Results

RT: 15.63
Area: 21290
Amount: 0.178522
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:34:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

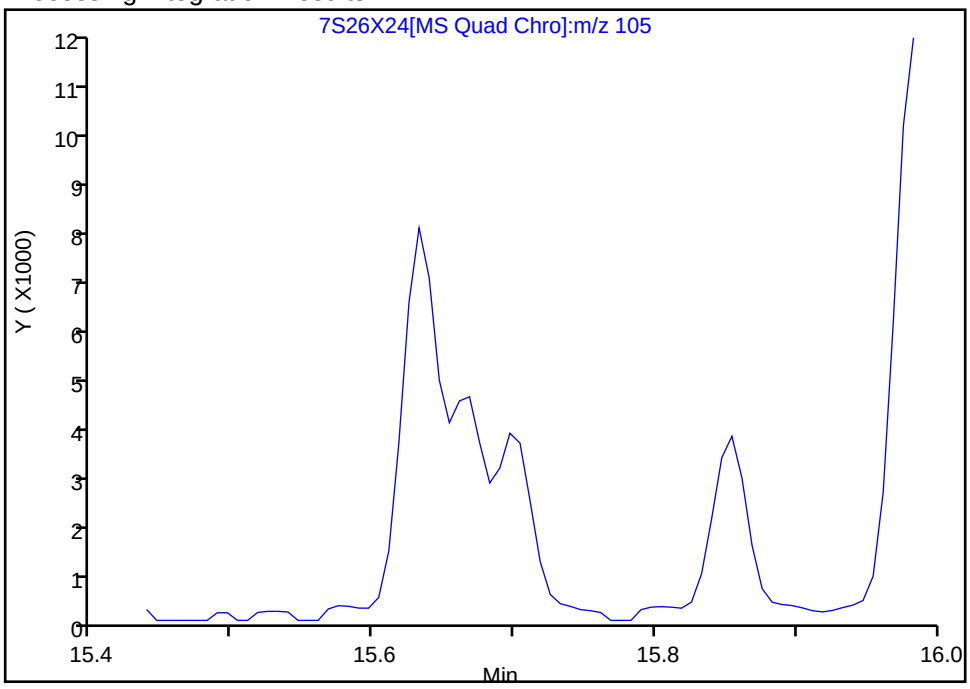
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X24.D | | | | |
| Injection Date: | 26-Sep-2025 21:25:21 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-7 | Lab Sample ID: | 410-335451-7 | | |
| Client ID: | C241174_PLR-IA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 22 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

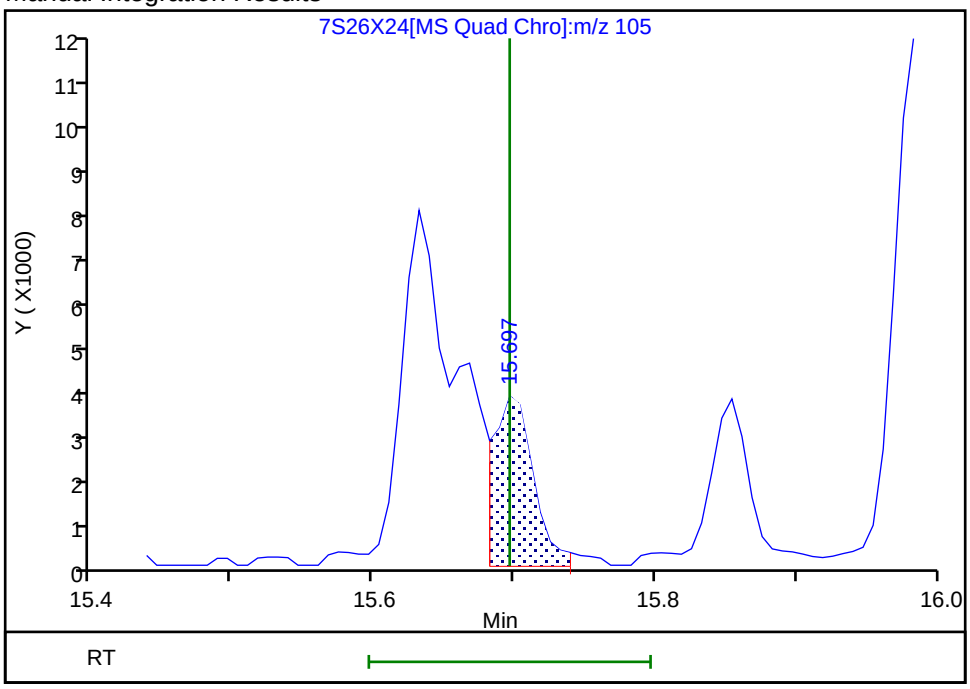
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 7045
Amount: 0.073793
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:35:11 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
Lab Sample ID: 460-335451-8

Matrix: Air
Lab File ID: 7S26X25.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:51

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:59

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.1 | J | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 0.89 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 0.77 | J | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.2 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 7.7 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.20 | J | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
Lab Sample ID: 460-335451-8

Matrix: Air
Lab File ID: 7S26X25.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:51

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:59

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.24 | J | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.82 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID: C241174_PLR-AA03_MW16D19D_092125
Lab Sample ID: 460-335451-8

Matrix: Air
Lab File ID: 7S26X25.D

Analysis Method: TO 15 LL
Date Collected: 09/21/2025 12:51

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 21:59

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D
Lims ID: 460-335451-A-8
Client ID: C241174_PLR-AA03_MW16D19D_092125
Sample Type: Client
Inject. Date: 26-Sep-2025 21:59:43 ALS Bottle#: 23 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 460-335451-A-8
Misc. Info.: 410-0161031-026
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 14:36:41

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 87 | 30929 | 0.4347 | |
| 3 Chlorodifluoromethane | 51 | 3.433 | 3.412 | 0.021 | 47 | 10131 | 0.2515 | |
| 5 Chloromethane | 50 | 3.791 | 3.770 | 0.021 | 91 | 12682 | 0.4977 | |
| 124 Butane | 43 | 4.020 | 4.020 | 0.014 | 34 | 15392 | 0.3219 | Ma |
| 12 Trichlorofluoromethane | 101 | 5.424 | 5.410 | 0.014 | 71 | 13677 | 0.2110 | |
| 23 Acetone | 43 | 6.391 | 6.377 | 0.014 | 98 | 150814 | 3.26 | |
| 20 Isopropyl alcohol | 45 | 6.613 | 6.592 | 0.021 | 86 | 14341 | 0.4187 | |
| 22 Methylene Chloride | 84 | 7.201 | 7.194 | 0.007 | 74 | 3142 | 0.1280 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 65 | 2135 | 0.0888 | |
| 43 2-Butanone (MEK) | 72 | 9.199 | 9.178 | 0.021 | 95 | 3050 | 0.2318 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.622 | 9.615 | 0.007 | 92 | 311453 | 10.0 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 37 | 2526 | 0.0568 | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 11 | 6564 | 0.0760 | |
| * 50 1,4-Difluorobenzene | 114 | 11.219 | 11.220 | -0.001 | 96 | 1067963 | 10.0 | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 73 | 23091 | 0.2179 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 89 | 1029155 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

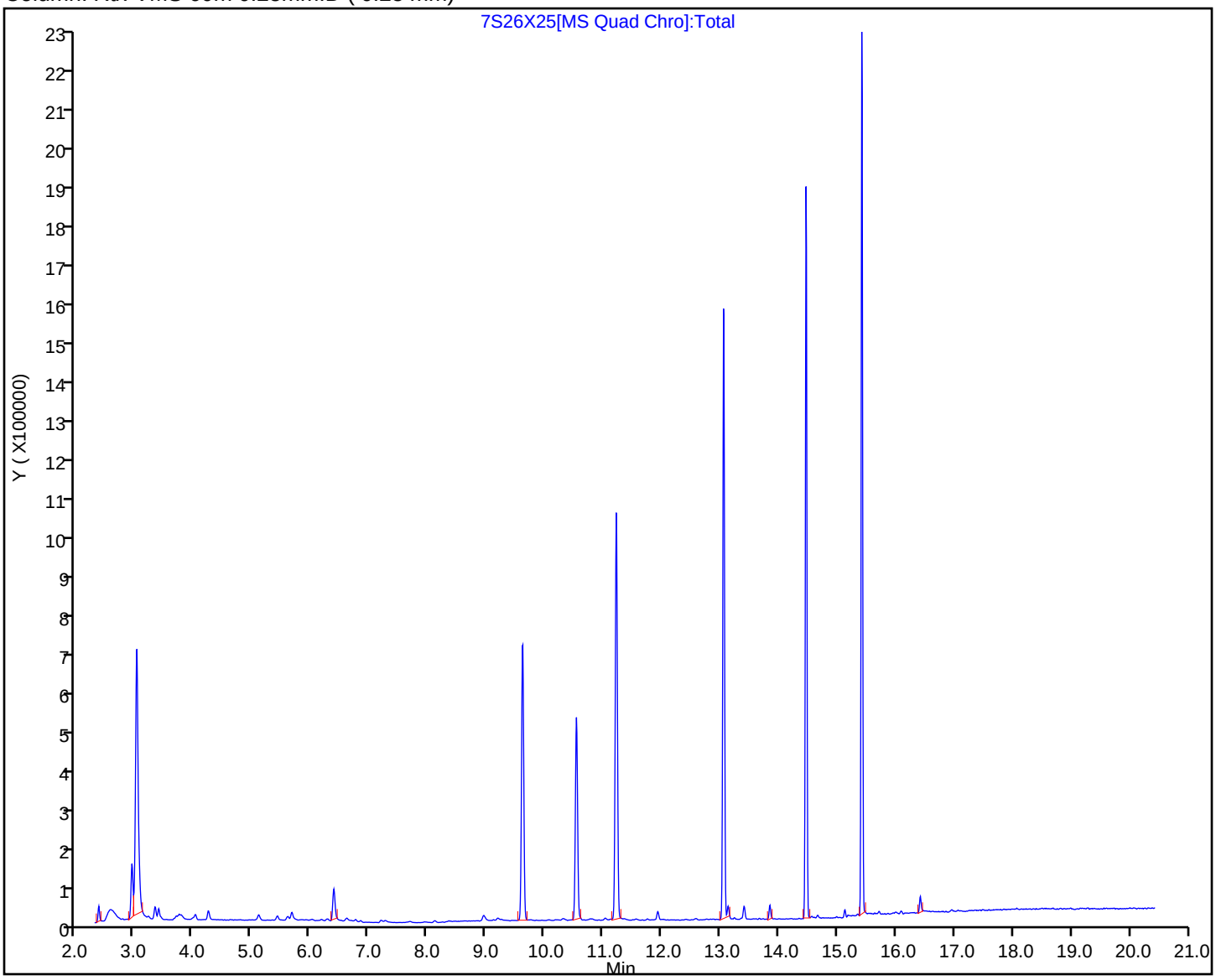
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |

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

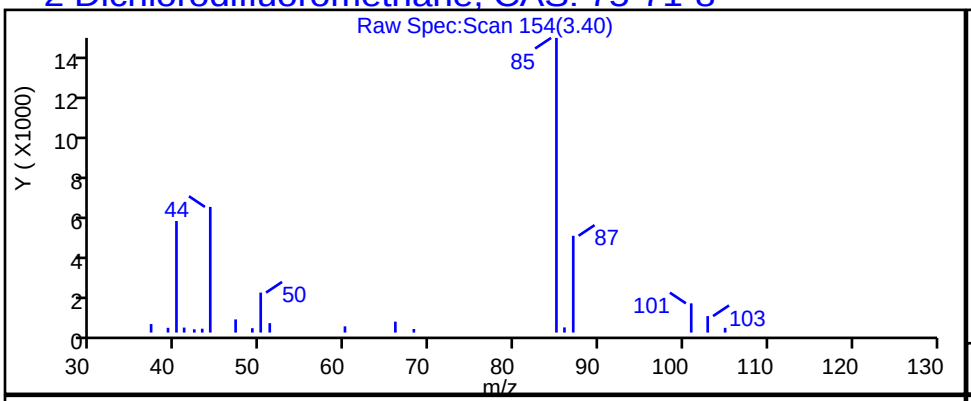


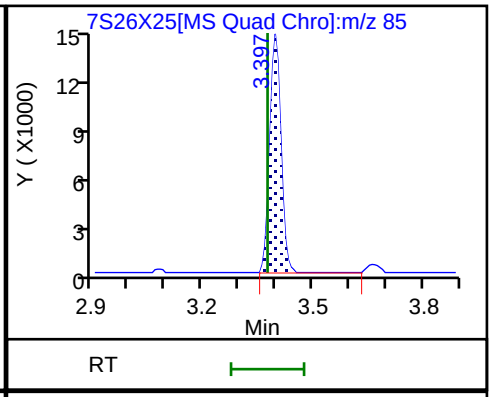
Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

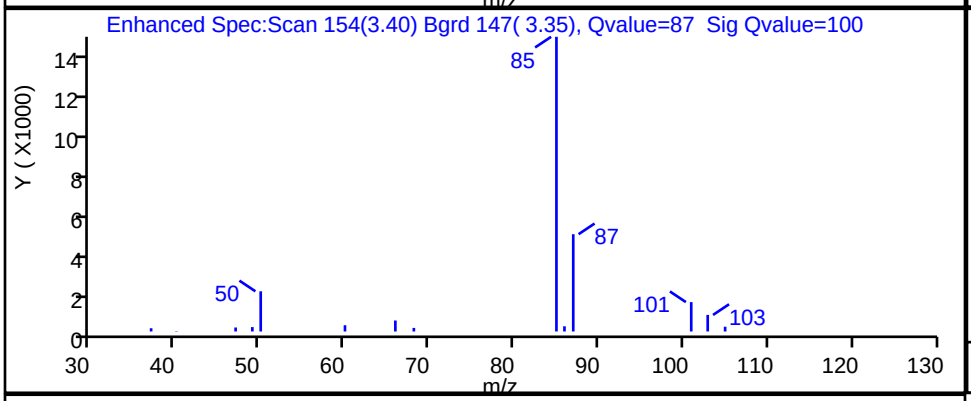
Eurofins Lancaster Laboratories Environment Testing, LLC

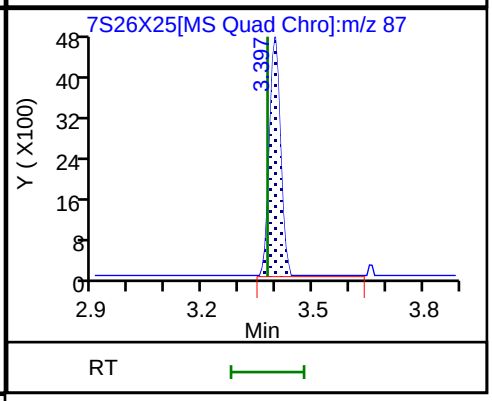
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

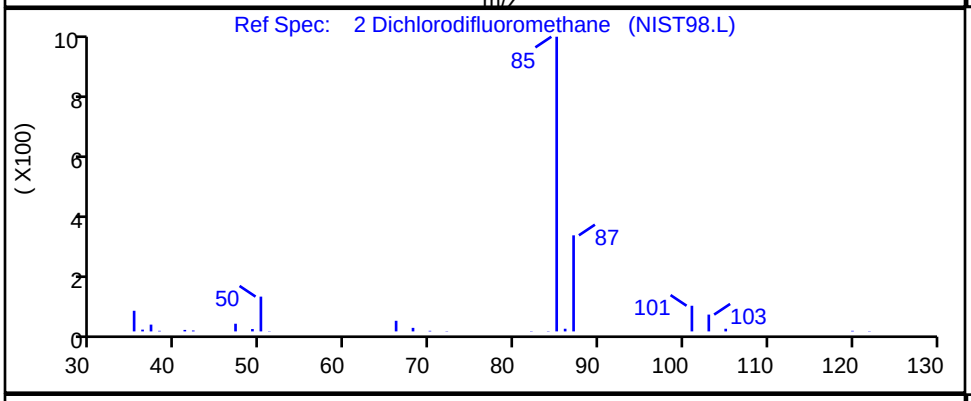
## 2 Dichlorodifluoromethane, CAS: 75-71-8

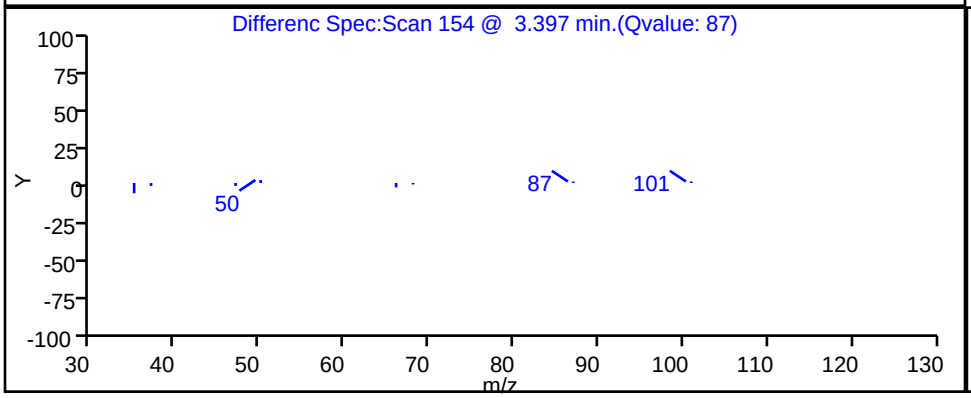


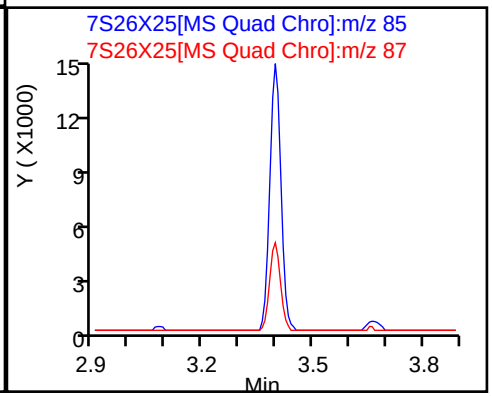



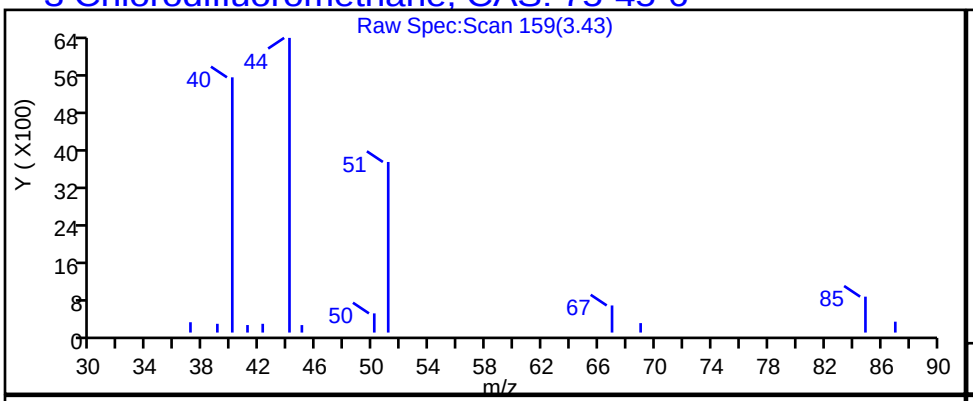



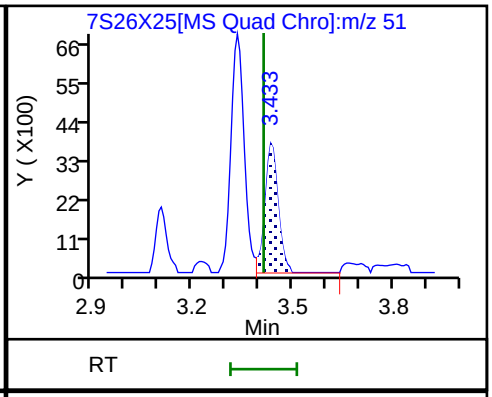
Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

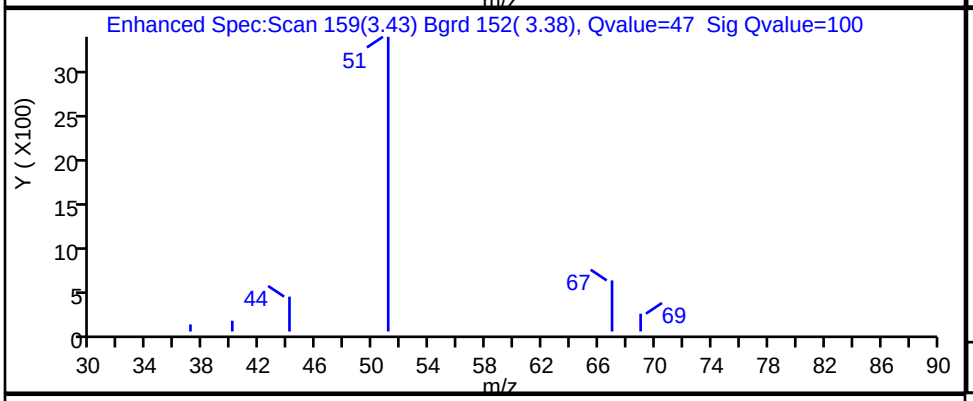
Eurofins Lancaster Laboratories Environment Testing, LLC

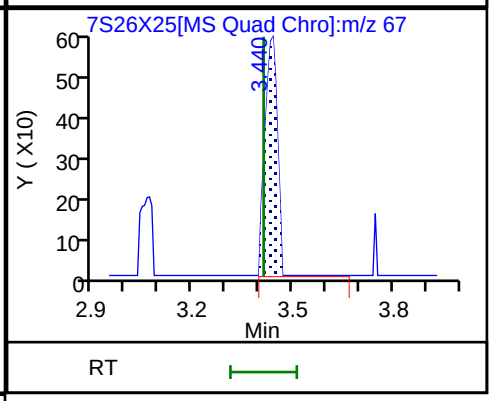
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

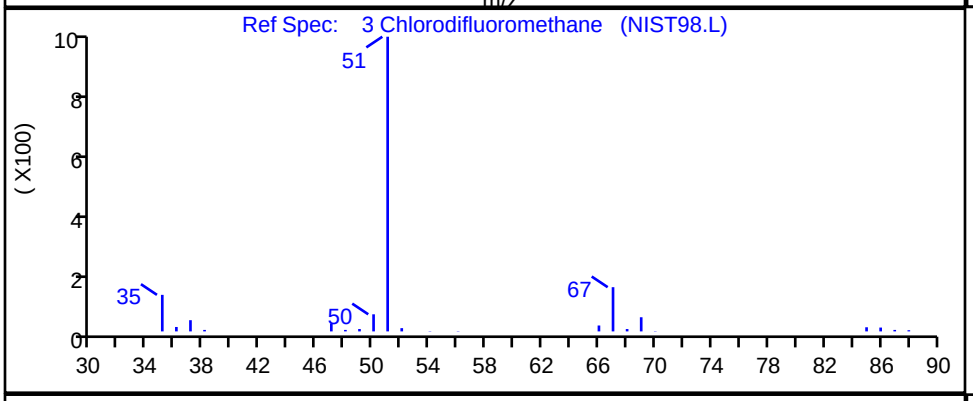
## 3 Chlorodifluoromethane, CAS: 75-45-6

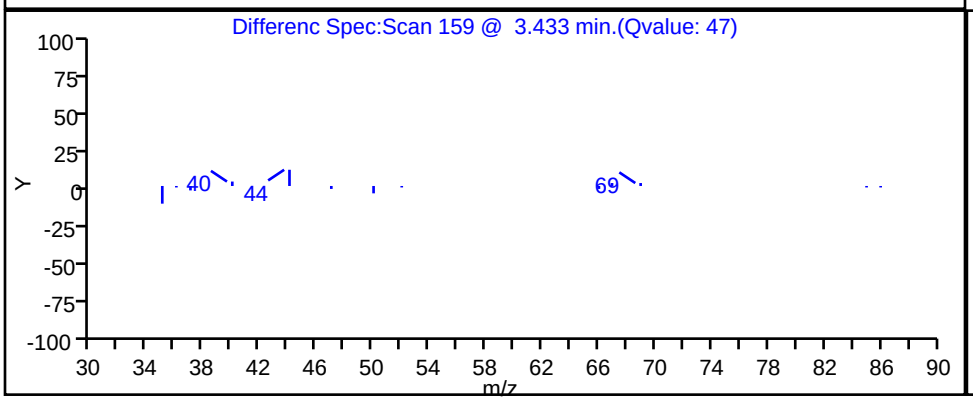


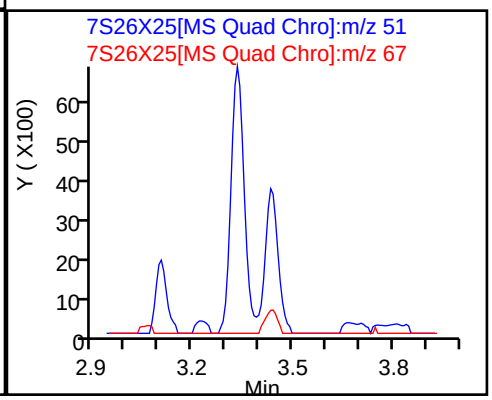



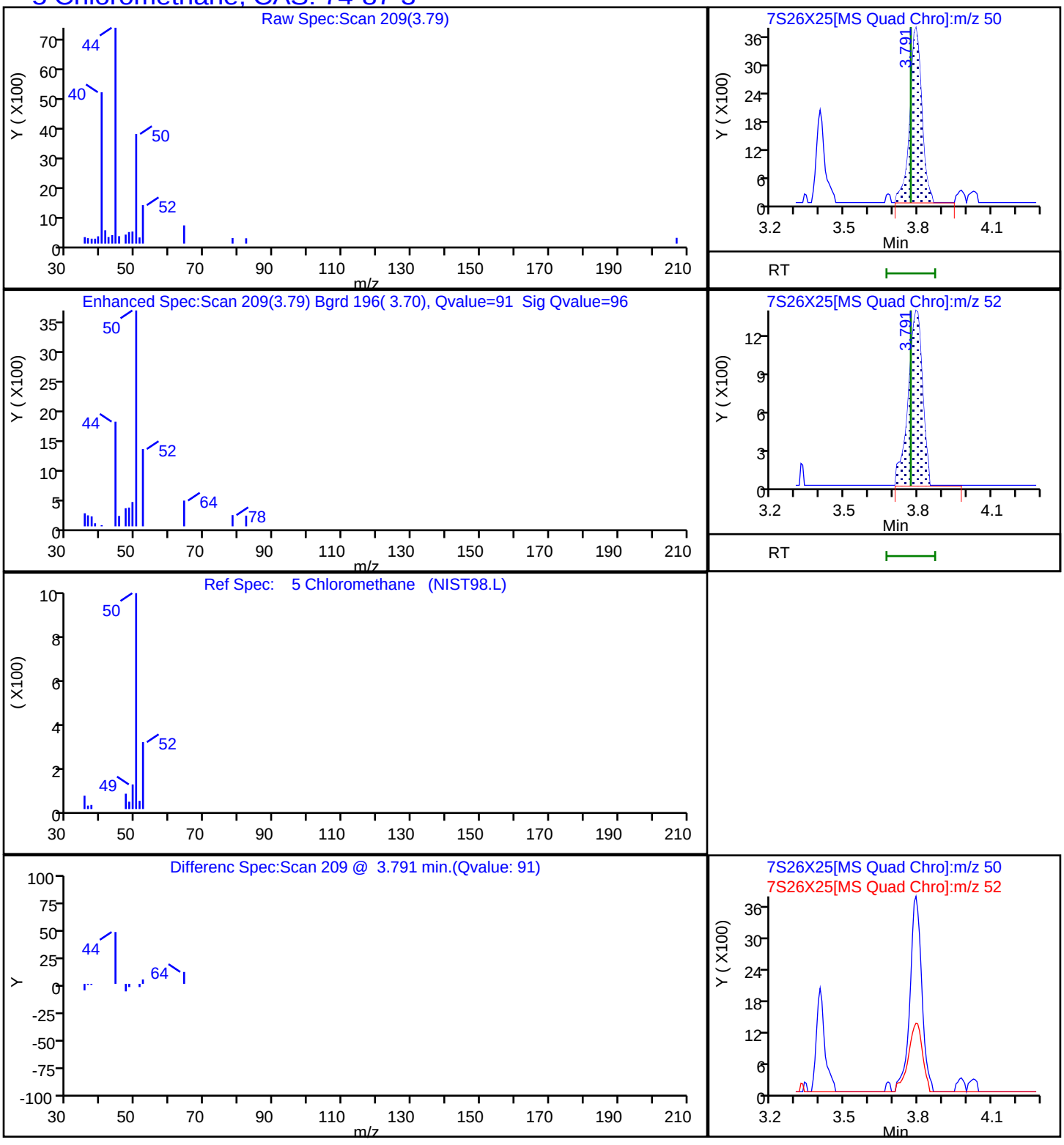



Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3






10/16/2025
9:18:09 AM

Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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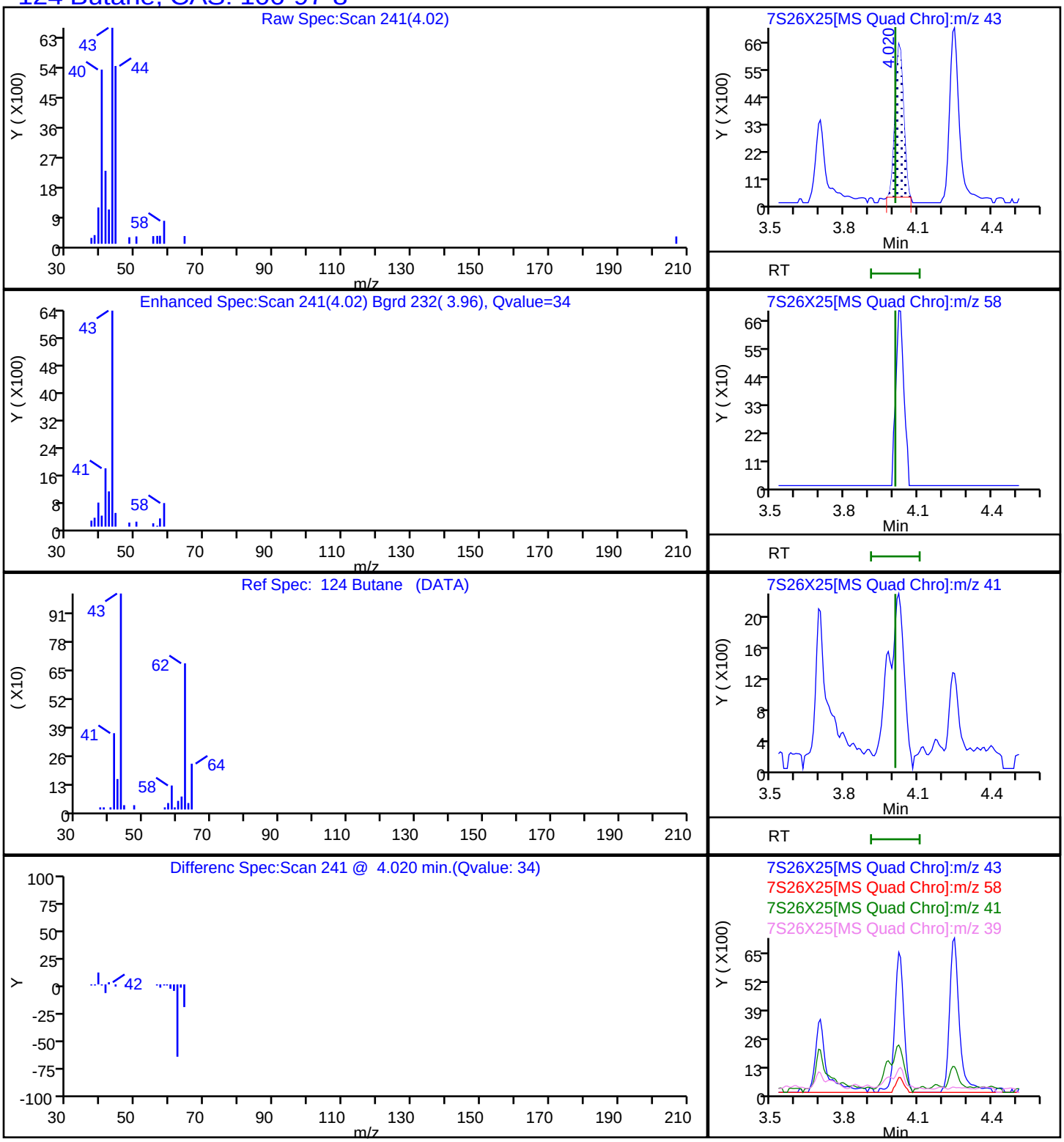
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8





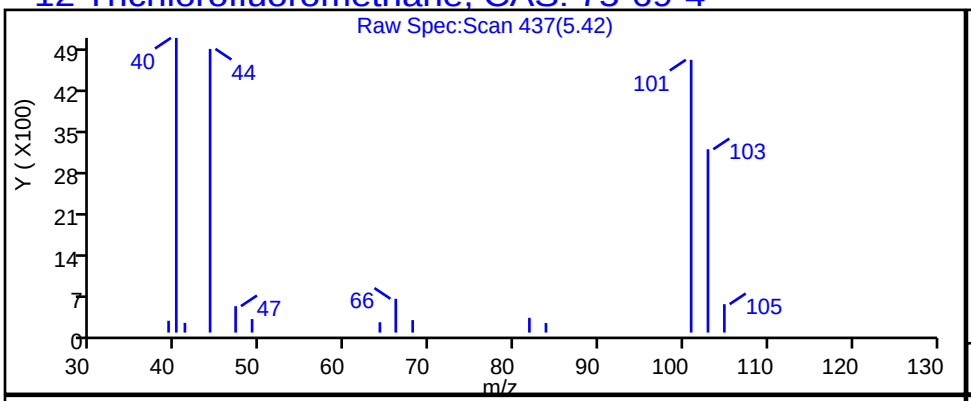

10/16/2025
9:18:09 AM

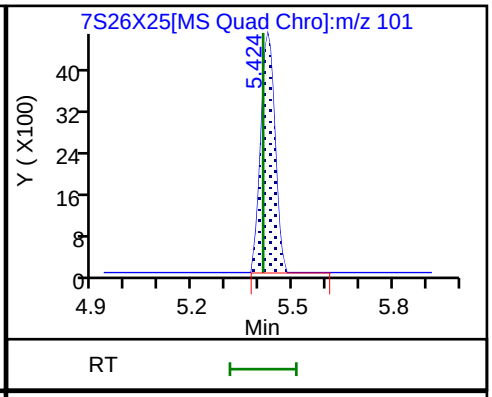
Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

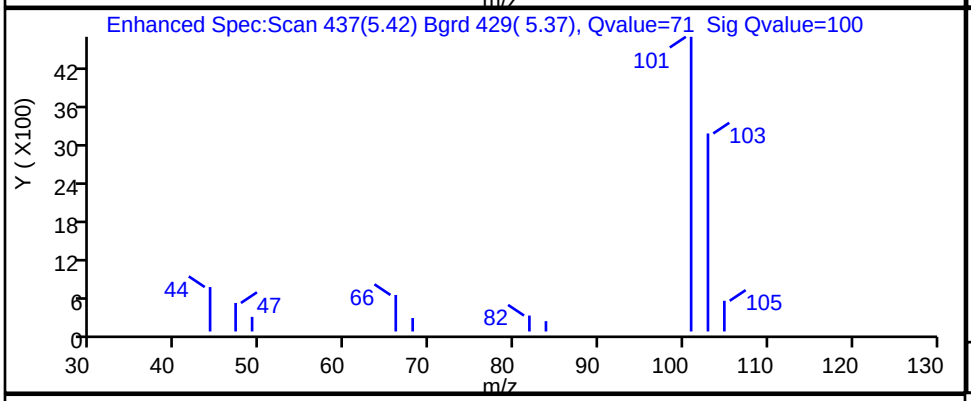
Eurofins Lancaster Laboratories Environment Testing, LLC

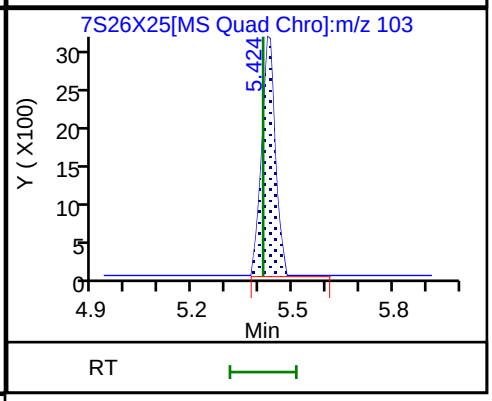
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

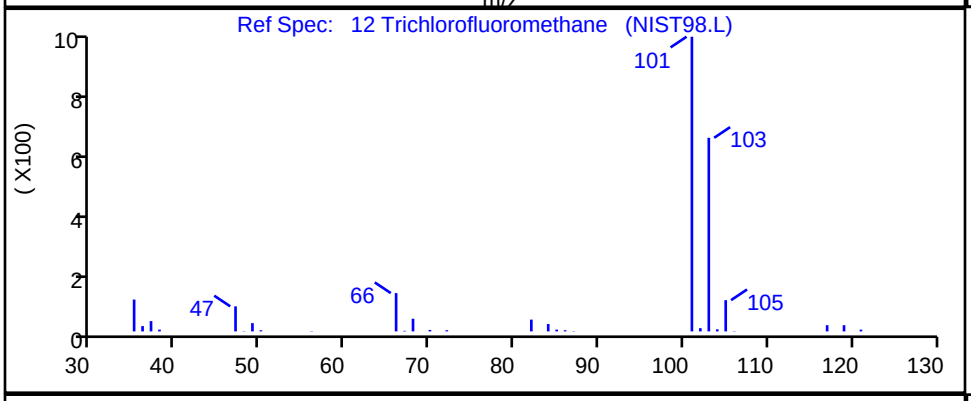
## 12 Trichlorofluoromethane, CAS: 75-69-4

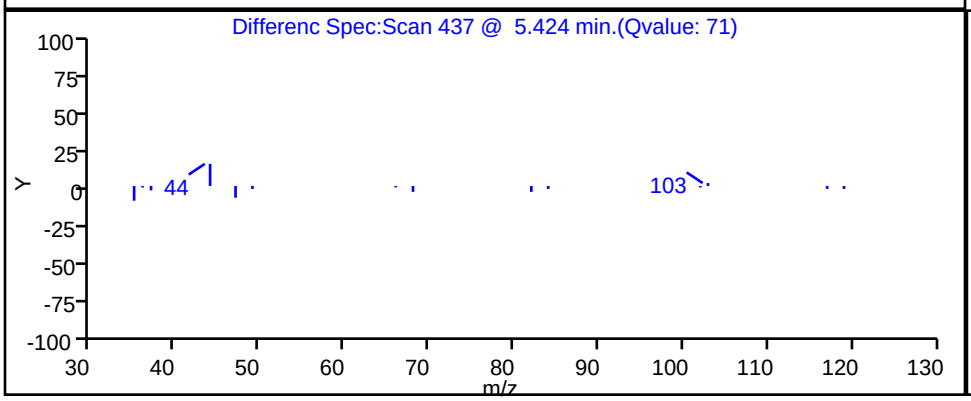


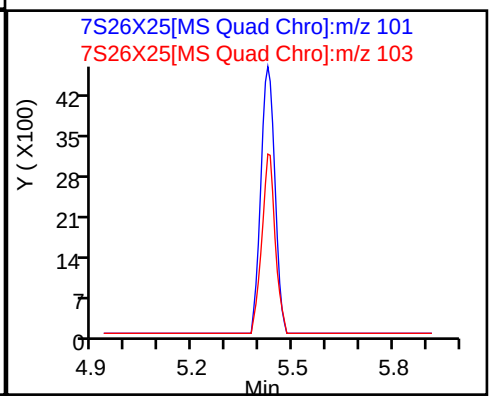



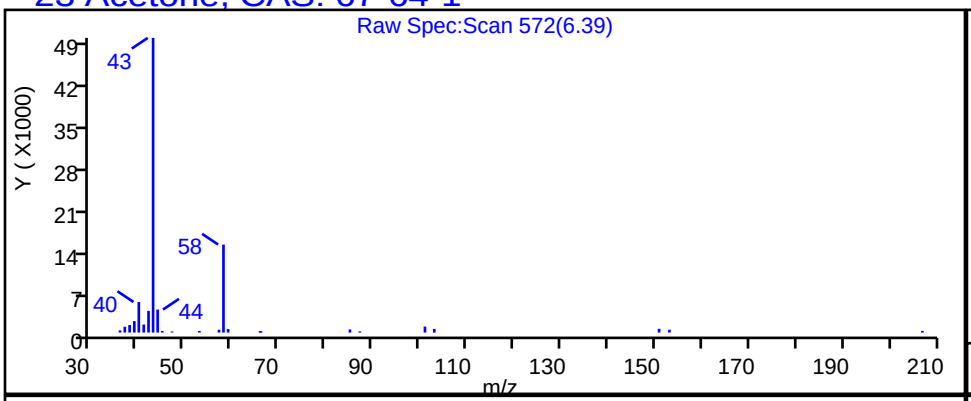



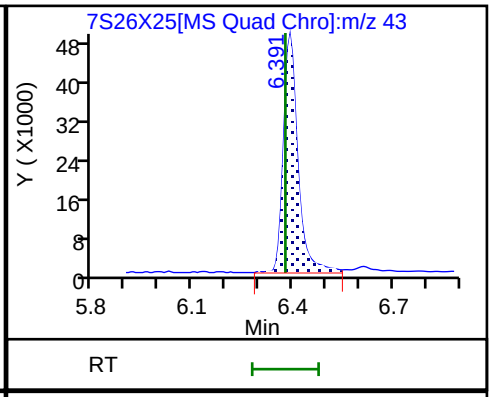
Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

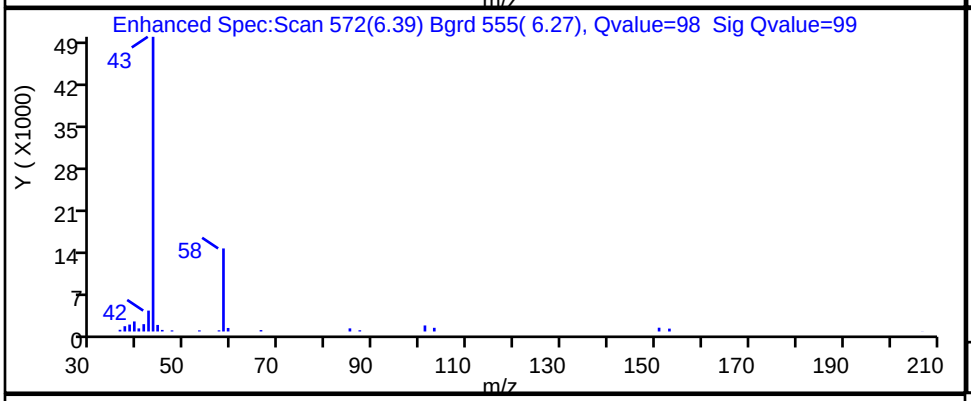
Eurofins Lancaster Laboratories Environment Testing, LLC

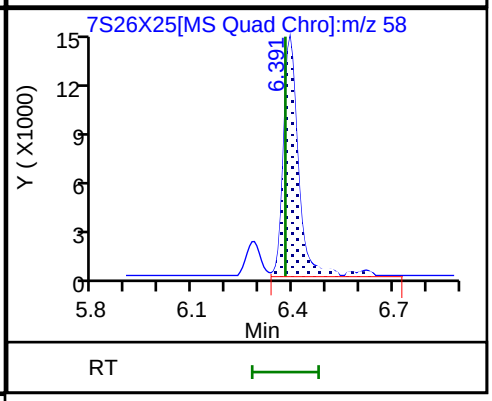
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

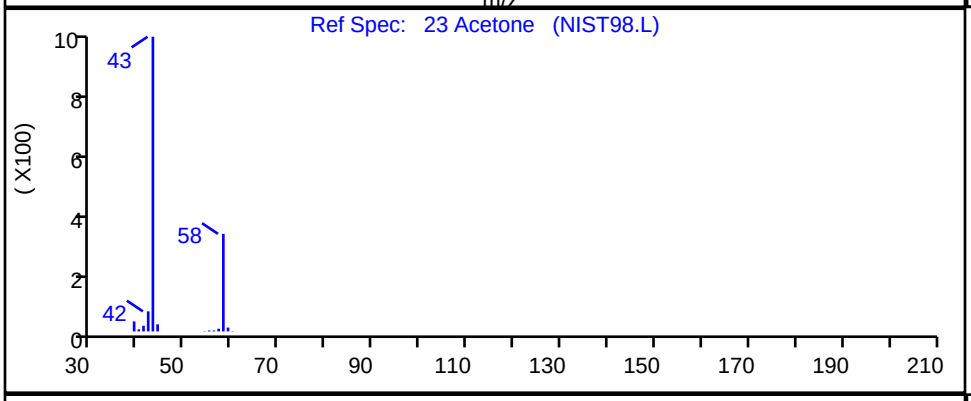
## 23 Acetone, CAS: 67-64-1

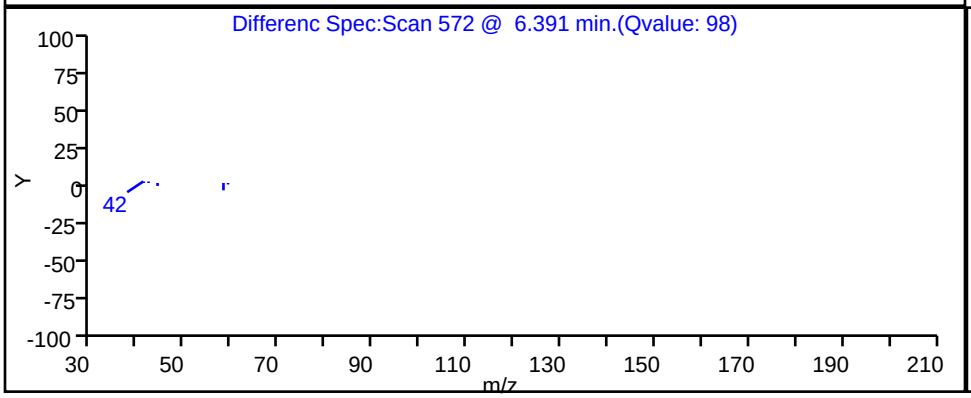


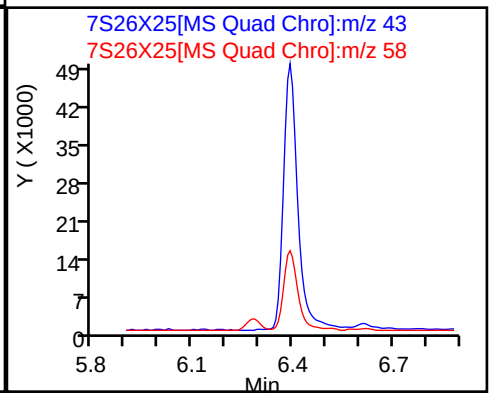



Report Date: 28-Sep-2025 14:48:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
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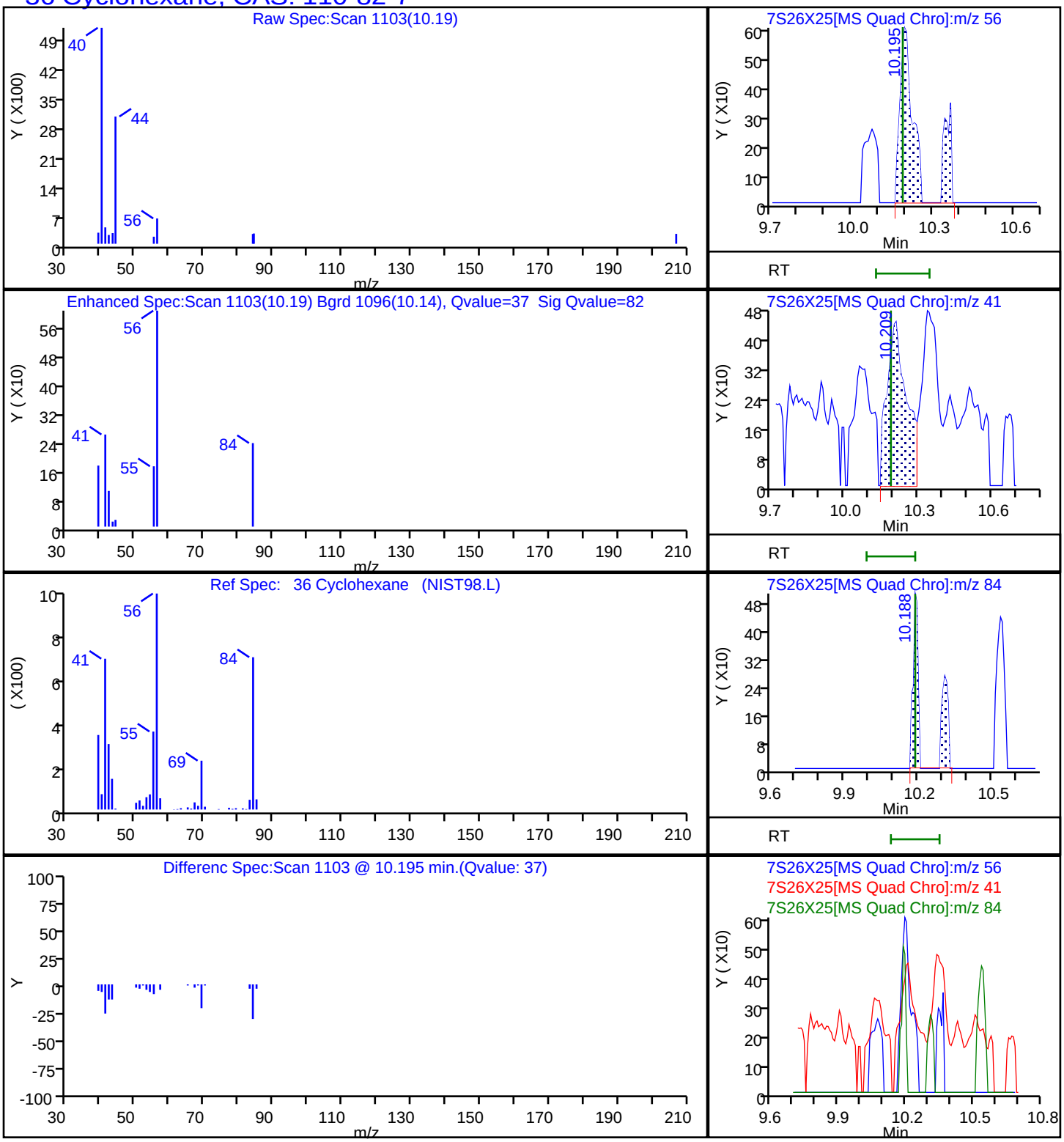
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

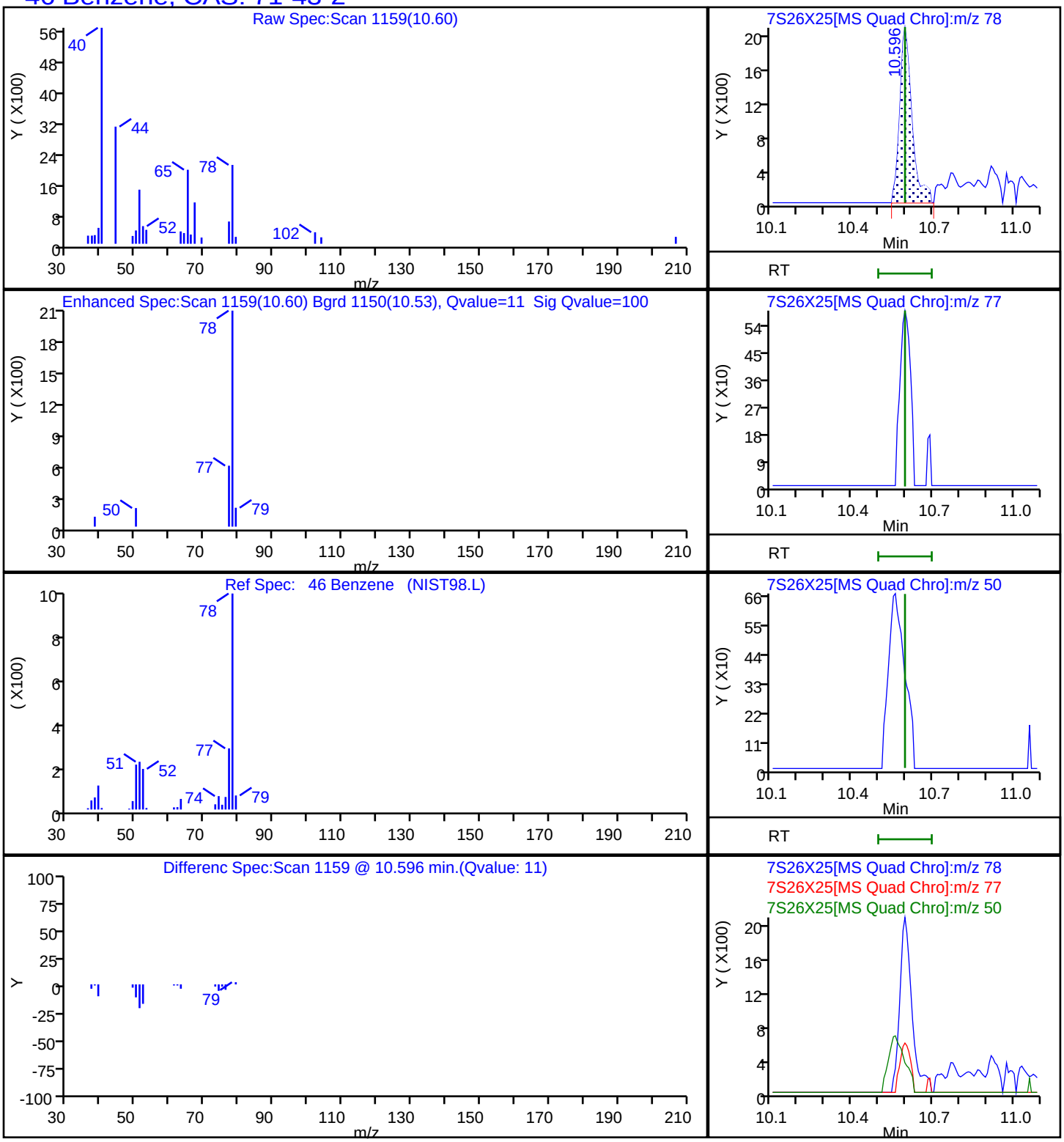
## 36 Cyclohexane, CAS: 110-82-7



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

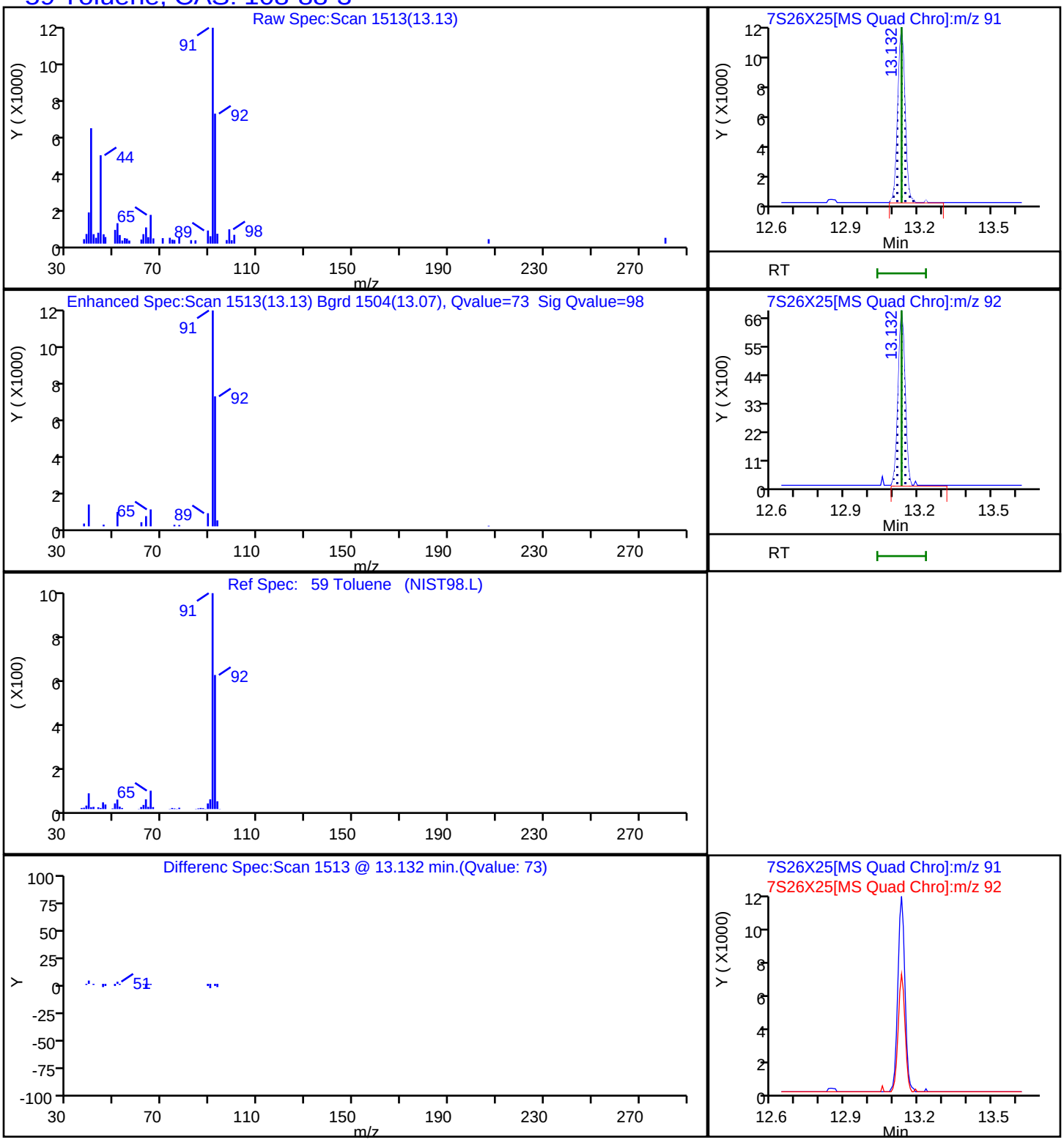
## 46 Benzene, CAS: 71-43-2



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

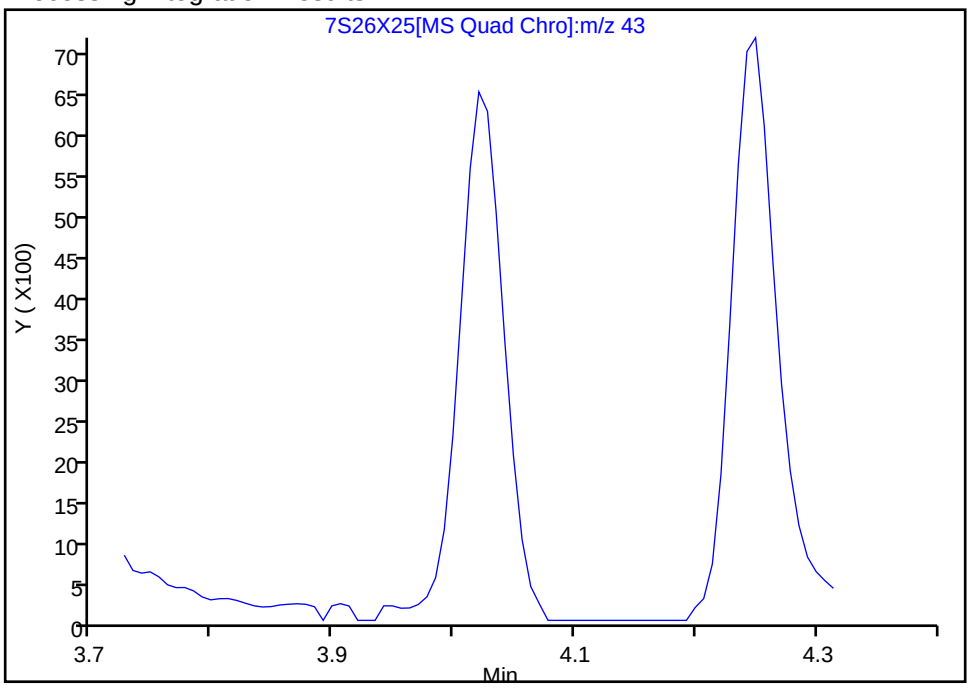
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

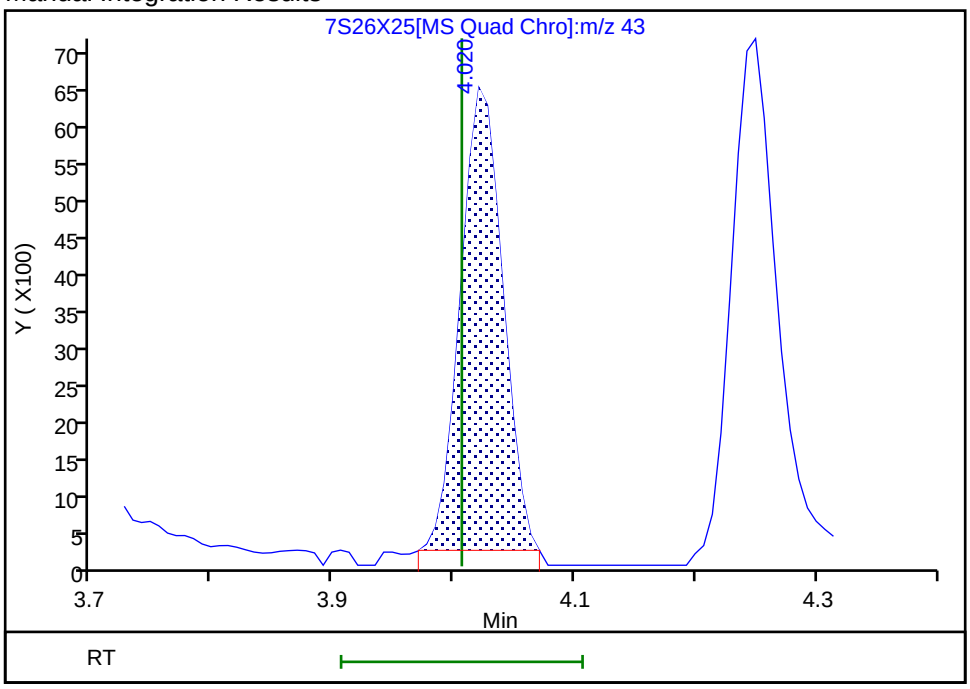
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.02
Area: 15392
Amount: 0.321868
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 14:35:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

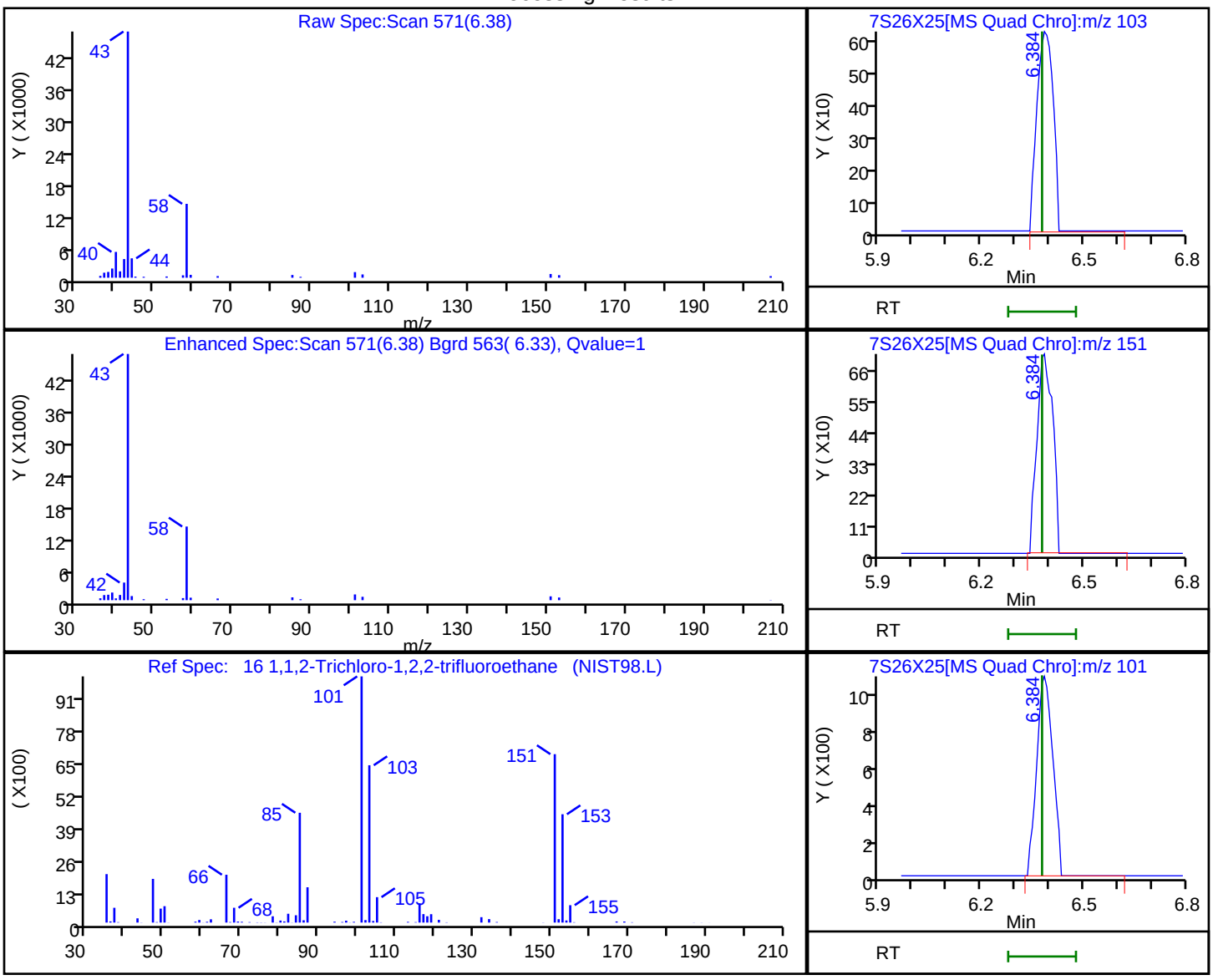
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X25.D | | | | |
| Injection Date: | 26-Sep-2025 21:59:43 | Instrument ID: | HP8R004 | | |
| Lims ID: | 460-335451-A-8 | Lab Sample ID: | 410-335451-8 | | |
| Client ID: | C241174_PLR-AA03_MW16D19D_092125 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 23 | Worklist Smp#: | 26 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.38 | 103.00 | 2090 | 0.064660 |
| 6.38 | 151.00 | 2297 | |
| 6.38 | 101.00 | 3538 | |

Reviewer: JXC9, 28-Sep-2025 14:36:07 -04:00:00 (UTC)

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

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-693962/3 | 6G29X03.D |
| Level 2 | IC 410-693962/4 | 6G29X04.D |
| Level 3 | IC 410-693962/5 | 6G29X05.D |
| Level 4 | IC 410-693962/6 | 6G29X06.D |
| Level 5 | IC 410-693962/7 | 6G29X07.D |
| Level 6 | ICISAV 410-693962/8 | 6G29X08.D |
| Level 7 | IC 410-693962/9 | 6G29X09.D |
| Level 8 | IC 410-693962/10 | 6G29X10.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | 2.3243 2.8544 | 2.7239 2.8919 | 2.8602 2.7794 | 2.7729 | 2.7784 | Ave | | 2.7482 | | | | 6.6 | | 30.0 | | | |
| Chlorodifluoromethane | +++++ 1.9624 | 2.1848 2.0082 | 1.9651 2.0387 | 2.0166 | 1.9198 | Ave | | 2.0137 | | | | 4.2 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | 2.8132 3.0578 | 2.8547 3.2475 | 2.9820 3.4426 | 3.2403 | 3.0496 | Ave | | 3.0860 | | | | 6.9 | | 30.0 | | | |
| Chloromethane | +++++ 1.1377 | +++++ 1.0999 | 1.5386 0.7753 | 1.2045 | 1.1879 | Qua | -0.0588 | 1.2987 | -0.020818 | | | | | | 1.0000 | | 0.9900 |
| n-Butane | +++++ 1.7746 | +++++ 1.8186 | 2.5109 1.7434 | 2.0901 | 1.9523 | Ave | | 1.9817 | | | | 14.6 | | 30.0 | | | |
| Vinyl chloride | +++++ 1.2185 | 1.4609 1.2300 | 1.4045 1.2222 | 1.2951 | 1.3158 | Ave | | 1.3067 | | | | 7.3 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.9273 | 1.1041 0.9658 | 1.2886 0.9608 | 1.1286 | 1.0188 | Ave | | 1.0563 | | | | 12.0 | | 30.0 | | | |
| Bromomethane | +++++ 0.7722 | +++++ 0.8440 | 0.8481 0.8194 | 0.8036 | 0.7352 | Ave | | 0.8037 | | | | 5.4 | | 30.0 | | | |
| Chloroethane | +++++ 0.6549 | +++++ 0.7458 | 0.8620 0.6300 | 0.6982 | 0.6400 | Ave | | 0.7051 | | | | 12.5 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | 1.1054 1.0149 | 1.0962 1.0277 | 1.0192 1.0313 | 1.0984 | 0.9977 | Ave | | 1.0489 | | | | 4.2 | | 30.0 | | | |
| Trichlorofluoromethane | 2.9789 2.6257 | 2.5636 2.7598 | 2.6784 2.8887 | 2.7452 | 2.7512 | Ave | | 2.7489 | | | | 4.9 | | 30.0 | | | |
| 1,1,2-Trichlorotrifluoroethane | 1.2540 1.2877 | 1.3740 1.3199 | 1.2298 1.3394 | 1.3496 | 1.3691 | Ave | | 1.3154 | | | | 4.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1-Dichloroethene | 2.2273 1.8129 | 1.7743 1.8815 | 1.8769 1.9125 | 1.9301 | 1.8315 | Ave | | 1.9059 | | | | 7.3 | | 30.0 | | | |
| Acetone | +++++ 2.1027 | +++++ 2.1551 | +++++ 2.1164 | 3.1884 | 2.3056 | Ave | | 2.3737 | | | | 19.5 | | 30.0 | | | |
| Carbon disulfide | 4.0149 3.4797 | 3.9109 3.5937 | 4.0590 3.5636 | 3.8436 | 3.4173 | Ave | | 3.7353 | | | | 6.7 | | 30.0 | | | |
| Isopropyl alcohol | +++++ 2.7030 | 4.4569 2.8016 | 3.3590 2.8311 | 3.2157 | 2.7064 | Ave | | 3.1534 | | | | 20.0 | | 30.0 | | | |
| 3-Chloropropene | 2.5960 1.7269 | 1.9156 1.8014 | 1.8461 1.8133 | 1.8168 | 1.8290 | Ave | | 1.9181 | | | | 14.5 | | 30.0 | | | |
| Methylene Chloride | 1.3764 0.9429 | 1.0764 0.9525 | 1.1248 0.9612 | 1.0684 | 0.9376 | Ave | | 1.0550 | | | | 14.1 | | 30.0 | | | |
| tert-Butyl alcohol | 3.4073 2.7109 | 3.0375 2.7983 | 2.8527 2.8664 | 2.7122 | 2.9048 | Ave | | 2.9113 | | | | 7.8 | | 30.0 | | | |
| Methyl tert-butyl ether | 4.4314 3.3955 | 4.1097 3.4798 | 3.6782 3.5458 | 3.4992 | 3.6384 | Ave | | 3.7222 | | | | 9.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.9989 1.8982 | 1.9073 1.9594 | 1.8625 1.9662 | 1.9244 | 1.9746 | Ave | | 1.9364 | | | | 2.4 | | 30.0 | | | |
| n-Hexane | +++++ 1.0584 | 1.6496 1.0700 | 1.2459 1.1004 | 1.1410 | 1.1797 | Ave | | 1.2064 | | | | 17.1 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.5034 2.1726 | 2.0572 2.2547 | 2.2923 2.3097 | 2.2934 | 2.2792 | Ave | | 2.2703 | | | | 5.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.9369 1.6785 | 1.7952 1.7392 | 1.6822 1.7666 | 1.7441 | 1.7754 | Ave | | 1.7648 | | | | 4.6 | | 30.0 | | | |
| Methyl Ethyl Ketone (2-Butanone) | 0.9867 0.6451 | 0.7324 0.6673 | 0.6467 0.6980 | 0.6423 | 0.7439 | Ave | | 0.7203 | | | | 15.9 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 1.6349 | +++++ 1.6804 | 1.7468 1.7225 | 1.6865 | 1.7929 | Ave | | 1.7106 | | | | 3.2 | | 30.0 | | | |
| Chloroform | 2.6482 2.3034 | 2.1751 2.4103 | 2.2945 2.4732 | 2.3616 | 2.4632 | Ave | | 2.3912 | | | | 6.0 | | 30.0 | | | |
| Cyclohexane | 3.1050 2.1519 | 2.5690 2.1967 | 2.3805 2.2113 | 2.2130 | 2.3163 | Ave | | 2.3930 | | | | 13.3 | | 30.0 | | | |
| 1,1,1-Trichloroethane | 2.9811 2.2499 | 2.6204 2.3359 | 2.1567 2.3628 | 2.3009 | 2.4614 | Ave | | 2.4336 | | | | 10.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbon tetrachloride | 2.4228<br>2.1108 | 2.3540<br>2.1517 | 2.0522<br>2.1587 | 2.0219 | 2.3547 | Ave | | 2.2034 | | | | 6.9 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | 1.4211<br>1.5931 | 1.5227<br>1.5750 | 1.6125<br>1.5351 | 1.5403 | 1.6897 | Ave | | 1.5612 | | | | 5.0 | | 30.0 | | | |
| Benzene | 0.9326<br>0.8529 | 0.9734<br>0.8496 | 0.8987<br>0.8302 | 0.8686 | 0.9640 | Ave | | 0.8962 | | | | 6.1 | | 30.0 | | | |
| 1,2-Dichloroethane | 0.5241<br>0.3977 | 0.4780<br>0.3922 | 0.3880<br>0.3840 | 0.3948 | 0.4432 | Ave | | 0.4253 | | | | 12.2 | | 30.0 | | | |
| n-Heptane | 0.4803<br>0.3248 | 0.3622<br>0.3234 | 0.3216<br>0.3170 | 0.3094 | 0.3739 | Ave | | 0.3516 | | | | 16.2 | | 30.0 | | | |
| Trichloroethene | 0.3967<br>0.3211 | 0.3511<br>0.3153 | 0.3026<br>0.3135 | 0.3085 | 0.3581 | Ave | | 0.3334 | | | | 9.7 | | 30.0 | | | |
| 1,2-Dichloropropane | 0.5410<br>0.3607 | 0.4672<br>0.3550 | 0.3666<br>0.3476 | 0.3685 | 0.3990 | Ave | | 0.4007 | | | | 17.1 | | 30.0 | | | |
| Methyl methacrylate | 0.4862<br>0.3430 | 0.3978<br>0.3473 | 0.3269<br>0.3451 | 0.3366 | 0.4027 | Ave | | 0.3732 | | | | 14.4 | | 30.0 | | | |
| 1,4-Dioxane | 0.2421<br>0.2023 | 0.2763<br>0.1988 | 0.2006<br>0.1975 | 0.1974 | 0.2352 | Ave | | 0.2188 | | | | 13.4 | | 30.0 | | | |
| Bromodichloromethane | 0.8292<br>0.5961 | 0.6042<br>0.5978 | 0.5873<br>0.5927 | 0.5894 | 0.6646 | Ave | | 0.6327 | | | | 13.2 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.7599<br>0.5590 | 0.6006<br>0.5593 | 0.5276<br>0.5574 | 0.5293 | 0.6153 | Ave | | 0.5886 | | | | 12.9 | | 30.0 | | | |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.0759<br>0.8507 | 0.8814<br>0.8446 | 0.8202<br>0.8325 | 0.8076 | 0.9747 | Ave | | 0.8859 | | | | 10.5 | | 30.0 | | | |
| Toluene | 1.3615<br>1.0234 | 1.1318<br>1.0091 | 0.9477<br>0.9645 | 1.0358 | 1.1564 | Ave | | 1.0788 | | | | 12.6 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++<br>0.4443 | 0.5171<br>0.4560 | 0.4897<br>0.4476 | 0.4797 | 0.4713 | Ave | | 0.4722 | | | | 5.5 | | 30.0 | | | |
| 1,1,2-Trichloroethane | 0.4356<br>0.3390 | 0.3467<br>0.3409 | 0.3218<br>0.3299 | 0.3325 | 0.3757 | Ave | | 0.3528 | | | | 10.5 | | 30.0 | | | |
| Tetrachloroethene | 0.5813<br>0.4127 | 0.5751<br>0.4119 | 0.4806<br>0.4120 | 0.4776 | 0.4585 | Ave | | 0.4762 | | | | 14.5 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | +++++<br>0.8206 | 0.9396<br>0.8176 | 0.8299<br>0.7830 | 0.8044 | 0.8755 | Ave | | 0.8387 | | | | 6.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromochloromethane | 0.4692 0.4071 | 0.3944 0.4108 | 0.3725 0.4086 | 0.3816 | 0.4224 | Ave | | 0.4083 | | | | 7.2 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5326 0.5044 | 0.5416 0.5070 | 0.4582 0.4969 | 0.4749 | 0.5356 | Ave | | 0.5064 | | | | 5.9 | | 30.0 | | | |
| Chlorobenzene | 0.9775 0.7470 | 0.7813 0.7352 | 0.7249 0.7074 | 0.7182 | 0.8301 | Ave | | 0.7777 | | | | 11.6 | | 30.0 | | | |
| Ethylbenzene | 1.5498 1.3427 | 1.4624 1.3133 | 1.3149 1.2276 | 1.2759 | 1.5114 | Ave | | 1.3748 | | | | 8.6 | | 30.0 | | | |
| m,p-Xylene | 1.1876 1.0279 | 1.1078 1.0029 | 0.9916 0.8991 | 0.9588 | 1.1490 | Ave | | 1.0406 | | | | 9.5 | | 30.0 | | | |
| o-Xylene | 1.4864 1.0492 | 1.1213 1.0305 | 0.9722 0.9810 | 1.0125 | 1.1490 | Ave | | 1.1003 | | | | 15.3 | | 30.0 | | | |
| Styrene | 0.8272 0.7527 | 0.8532 0.7584 | 0.6853 0.7404 | 0.6687 | 0.8151 | Ave | | 0.7626 | | | | 8.7 | | 30.0 | | | |
| Bromoform | 0.5700 0.4563 | 0.4254 0.4699 | 0.4024 0.4741 | 0.4101 | 0.4836 | Ave | | 0.4615 | | | | 11.6 | | 30.0 | | | |
| Cumene | 1.5247 1.3717 | 1.5438 1.3510 | 1.2668 1.2588 | 1.2884 | 1.5123 | Ave | | 1.3897 | | | | 8.7 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.9500 0.8059 | 0.8591 0.7950 | 0.7568 0.7536 | 0.7528 | 0.8759 | Ave | | 0.8187 | | | | 8.7 | | 30.0 | | | |
| N-Propylbenzene | 0.4497 0.3593 | 0.4169 0.3586 | 0.3557 0.3481 | 0.3338 | 0.4061 | Ave | | 0.3785 | | | | 10.7 | | 30.0 | | | |
| 4-Ethyltoluene | 1.4399 1.3403 | 1.4092 1.3167 | 1.2010 1.2270 | 1.2220 | 1.4606 | Ave | | 1.3271 | | | | 7.8 | | 30.0 | | | |
| 2-Chlorotoluene | 0.4311 0.3124 | 0.3339 0.3112 | 0.3097 0.3022 | 0.2994 | 0.3591 | Ave | | 0.3324 | | | | 13.4 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | 1.3348 1.1509 | 1.2824 1.1377 | 1.0699 1.0668 | 1.0577 | 1.2543 | Ave | | 1.1693 | | | | 9.2 | | 30.0 | | | |
| tert-Butylbenzene | 1.2286 1.0216 | 1.0099 1.0214 | 0.9557 0.9715 | 0.9838 | 1.0989 | Ave | | 1.0364 | | | | 8.6 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 1.4715 1.1455 | 1.2541 1.1312 | 1.0683 1.0623 | 1.0788 | 1.2325 | Ave | | 1.1805 | | | | 11.7 | | 30.0 | | | |
| sec-Butylbenzene | 1.9419 1.6370 | 1.7220 1.6136 | 1.6308 1.4666 | 1.5817 | 1.7972 | Ave | | 1.6738 | | | | 8.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 4-Isopropyltoluene | 1.7008<br>1.3175 | 1.5850<br>1.3107 | 1.2775<br>1.2208 | 1.2191 | 1.4556 | Ave | | 1.3859 | | | | 12.8 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.7863<br>0.6943 | 0.7046<br>0.6863 | 0.6878<br>0.6634 | 0.6420 | 0.7757 | Ave | | 0.7051 | | | | 7.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.8691<br>0.6977 | 0.7700<br>0.6919 | 0.6450<br>0.6652 | 0.6508 | 0.7787 | Ave | | 0.7210 | | | | 10.9 | | 30.0 | | | |
| Benzyl chloride | +++++<br>0.1968 | 0.2564<br>0.2016 | 0.1873<br>0.2058 | 0.1932 | 0.2085 | Ave | | 0.2071 | | | | 11.1 | | 30.0 | | | |
| n-Butylbenzene | 0.9249<br>0.7434 | 0.7805<br>0.7404 | 0.7108<br>0.7135 | 0.7209 | 0.8136 | Ave | | 0.7685 | | | | 9.4 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.8380<br>0.6475 | 0.7208<br>0.6455 | 0.6443<br>0.6267 | 0.6313 | 0.7188 | Ave | | 0.6841 | | | | 10.6 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | 0.7931<br>0.4631 | 0.6938<br>0.4703 | 0.5867<br>0.4643 | 0.5934 | 0.5016 | Ave | | 0.5708 | | | | 21.3 | | 30.0 | | | |
| Hexachlorobutadiene | +++++<br>0.3784 | 0.5661<br>0.3853 | 0.4569<br>0.3830 | 0.4648 | 0.4146 | Ave | | 0.4356 | | | | 15.5 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1330 | 2.0200<br>1.1656 | 1.6366<br>1.1282 | 1.6007 | 1.1915 | Ave | | 1.4108 | | | | 24.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-693962/3 | 6G29X03.D |
| Level 2 | IC 410-693962/4 | 6G29X04.D |
| Level 3 | IC 410-693962/5 | 6G29X05.D |
| Level 4 | IC 410-693962/6 | 6G29X06.D |
| Level 5 | IC 410-693962/7 | 6G29X07.D |
| Level 6 | ICISAV 410-693962/8 | 6G29X08.D |
| Level 7 | IC 410-693962/9 | 6G29X09.D |
| Level 8 | IC 410-693962/10 | 6G29X10.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Dichlorodifluoromethane | CBM | Ave | 3114<br>835503 | 7579<br>1643431 | 33122<br>3908252 | 81139 | 152212 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chlorodifluoromethane | CBM | Ave | +++++<br>574396 | 6079<br>1141256 | 22756<br>2866785 | 59009 | 105174 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dichlorotetrafluoroethane | CBM | Ave | 3769<br>895039 | 7943<br>1845555 | 34532<br>4840858 | 94816 | 167072 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chloromethane | CBM | Qua | +++++<br>333008 | +++++<br>625071 | 17817<br>1090245 | 35246 | 65078 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| n-Butane | CBM | Ave | +++++<br>519446 | +++++<br>1033492 | 29077<br>2451445 | 61160 | 106955 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Vinyl chloride | CBM | Ave | +++++<br>356668 | 4065<br>698988 | 16265<br>1718628 | 37897 | 72083 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3-Butadiene | CBM | Ave | +++++<br>271415 | 3072<br>548886 | 14922<br>1350988 | 33025 | 55815 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromomethane | CBM | Ave | +++++<br>226028 | +++++<br>479652 | 9821<br>1152184 | 23514 | 40278 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chloroethane | CBM | Ave | +++++<br>191687 | +++++<br>423851 | 9982<br>885817 | 20430 | 35064 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromoethene(Vinyl Bromide) | CBM | Ave | 1481<br>297069 | 3050<br>584067 | 11803<br>1450120 | 32141 | 54658 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Trichlorofluoromethane | CBM | Ave | 3991<br>768553 | 7133<br>1568398 | 31017<br>4061958 | 80328 | 150723 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,2-Trichlorotrifluoroethane | CBM | Ave | 1680<br>376926 | 3823<br>750099 | 14241<br>1883338 | 39490 | 75005 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1-Dichloroethene | CBM | Ave | 2984<br>530644 | 4937<br>1069271 | 21735<br>2689254 | 56478 | 100339 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Acetone | CBM | Ave | +++++<br>615474 | +++++<br>1224762 | +++++<br>2976012 | 93298 | 126314 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500 | 1.00 |
| Carbon disulfide | CBM | Ave | 5379 | 10882 | 47004 | 112468 | 187215 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 1018528 | 2042289 | 5011032 | | | 5.00 | 10.0 | 25.0 | | |
| Isopropyl alcohol | CBM | Ave | +++++<br>791165 | 12401<br>1592157 | 38898<br>3980898 | 94096 | 148270 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 3-Chloropropene | CBM | Ave | 3478<br>505457 | 5330<br>1023726 | 21378<br>2549751 | 53162 | 100200 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Methylene Chloride | CBM | Ave | 1844<br>275996 | 2995<br>541319 | 13025<br>1351615 | 31262 | 51366 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| tert-Butyl alcohol | CBM | Ave | 5204<br>904592 | 9635<br>1812888 | 37660<br>4594935 | 90473 | 181416 | 0.0285<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570 | 1.14 |
| Methyl tert-butyl ether | CBM | Ave | 5937<br>993875 | 11435<br>1977544 | 42595<br>4985960 | 102391 | 199326 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| trans-1,2-Dichloroethene | CBM | Ave | 2678<br>555617 | 5307<br>1113528 | 21568<br>2764771 | 56310 | 108180 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| n-Hexane | CBM | Ave | +++++<br>309796 | 4590<br>608096 | 14428<br>1547268 | 33387 | 64628 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1-Dichloroethane | CBM | Ave | 3354<br>635937 | 5724<br>1281319 | 26546<br>3247773 | 67109 | 124864 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| cis-1,2-Dichloroethene | CBM | Ave | 2595<br>491294 | 4995<br>988371 | 19480<br>2484118 | 51035 | 97265 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Methyl Ethyl Ketone (2-Butanone) | CBM | Ave | 1322<br>188833 | 2038<br>379224 | 7489<br>981554 | 18794 | 40753 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Tetrahydrofuran | CBM | Ave | +++++<br>478536 | +++++<br>954940 | 20228<br>2422095 | 49349 | 98222 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chloroform | CBM | Ave | 3548<br>674213 | 6052<br>1369764 | 26571<br>3477715 | 69104 | 134948 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Cyclohexane | CBM | Ave | 4160<br>629862 | 7148<br>1248358 | 27567<br>3109441 | 64756 | 126900 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,1-Trichloroethane | CBM | Ave | 3994<br>658559 | 7291<br>1327495 | 24975<br>3322533 | 67326 | 134845 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Carbon tetrachloride | CBM | Ave | 3246<br>617849 | 6550<br>1222822 | 23765<br>3035474 | 59162 | 129002 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | 8254<br>1951667 | 17933<br>3920441 | 80619<br>9771598 | 194521 | 386877 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Benzene | DFBZ | Ave | 5417<br>1044839 | 11464<br>2114863 | 44929<br>5284172 | 109698 | 220715 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dichloroethane | DFBZ | Ave | 3044<br>487267 | 5630<br>976257 | 19399<br>2444330 | 49863 | 101480 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| n-Heptane | DFBZ | Ave | 2790<br>397936 | 4266<br>804996 | 16081<br>2017873 | 39073 | 85611 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Trichloroethene | DFBZ | Ave | 2304 | 4135 | 15131 | 38960 | 81998 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 393366 | 784968 | 1995569 | | | 5.00 | 10.0 | 25.0 | | |
| 1,2-Dichloropropane | DFBZ | Ave | 3142<br>441911 | 5502<br>883671 | 18331<br>2212326 | 46540 | 91363 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Methyl methacrylate | DFBZ | Ave | 2824<br>420160 | 4685<br>864452 | 16344<br>2196464 | 42506 | 92198 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,4-Dioxane | DFBZ | Ave | 1406<br>247832 | 3254<br>494831 | 10028<br>1257357 | 24924 | 53858 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromodichloromethane | DFBZ | Ave | 4816<br>730295 | 7116<br>1488043 | 29362<br>3772710 | 74431 | 152171 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 4414<br>684870 | 7074<br>1392318 | 26378<br>3547761 | 66849 | 140880 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ | Ave | 6249<br>1042133 | 10380<br>2102262 | 41007<br>5298939 | 101991 | 223162 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Toluene | CBZd5 | Ave | 8226<br>1243550 | 13722<br>2474558 | 47240<br>6170445 | 128321 | 274633 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | +++++<br>539844 | 6269<br>1118368 | 24411<br>2863118 | 59429 | 111923 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | 2632<br>411960 | 4204<br>835926 | 16041<br>2110287 | 41195 | 89211 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Tetrachloroethene | CBZd5 | Ave | 3512<br>501431 | 6972<br>1010066 | 23954<br>2635733 | 59167 | 108886 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBZd5 | Ave | +++++<br>997112 | 11392<br>2005132 | 41366<br>5009351 | 99651 | 207908 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Dibromochloromethane | CBZd5 | Ave | 2835<br>494660 | 4782<br>1007306 | 18567<br>2614000 | 47268 | 100312 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3218<br>612934 | 6566<br>1243445 | 22837<br>3178913 | 58830 | 127206 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chlorobenzene | CBZd5 | Ave | 5906<br>907607 | 9473<br>1803043 | 36131<br>4525568 | 88968 | 197127 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Ethylbenzene | CBZd5 | Ave | 9364<br>1631487 | 17730<br>3220565 | 65544<br>7853540 | 158065 | 358935 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| m,p-Xylene | CBZd5 | Ave | 14351<br>2497927 | 26862<br>4918902 | 98854<br>11504075 | 237549 | 545737 | 0.0500<br>10.0 | 0.100<br>20.0 | 0.400<br>50.0 | 1.00 | 2.00 |
| o-Xylene | CBZd5 | Ave | 8981<br>1274882 | 13595<br>2527225 | 48459<br>6275982 | 125427 | 272860 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Styrene | CBZd5 | Ave | 4998<br>914598 | 10344<br>1859816 | 34157<br>4736580 | 82845 | 193573 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromoform | CBZd5 | Ave | 3444<br>554495 | 5157<br>1152458 | 20057<br>3032693 | 50802 | 114844 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Cumene | CBZd5 | Ave | 9212<br>1666760 | 18717<br>3313097 | 63143<br>8053133 | 159607 | 359154 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 5740<br>979219 | 10416<br>1949733 | 37725<br>4821117 | 93260 | 208013 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| N-Propylbenzene | CBZd5 | Ave | 2717<br>436555 | 5054<br>879388 | 17732<br>2226983 | 41354 | 96443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 4-Ethyltoluene | CBZd5 | Ave | 8700<br>1628597 | 17085<br>3228926 | 59866<br>7849533 | 151387 | 346856 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 2-Chlorotoluene | CBZd5 | Ave | 2605<br>379651 | 4048<br>763283 | 15437<br>1933309 | 37087 | 85282 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 8065<br>1398403 | 15548<br>2789921 | 53328<br>6824495 | 131033 | 297879 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| tert-Butylbenzene | CBZd5 | Ave | 7423<br>1241313 | 12244<br>2504845 | 47636<br>6215020 | 121877 | 260971 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 8891<br>1391839 | 15205<br>2774180 | 53249<br>6795821 | 133648 | 292694 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| sec-Butylbenzene | CBZd5 | Ave | 11733<br>1989049 | 20877<br>3957101 | 81290<br>9382461 | 195941 | 426800 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 4-Isopropyltoluene | CBZd5 | Ave | 10276<br>1600871 | 19216<br>3214289 | 63678<br>7809547 | 151021 | 345684 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 4751<br>843614 | 8543<br>1683159 | 34282<br>4244085 | 79531 | 184209 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 5251<br>847787 | 9335<br>1696729 | 32149<br>4255327 | 80626 | 184928 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Benzyl chloride | CBZd5 | Ave | +++++<br>239146 | 3109<br>494437 | 9337<br>1316371 | 23934 | 49511 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| n-Butylbenzene | CBZd5 | Ave | 5588<br>903313 | 9463<br>1815721 | 35431<br>4564404 | 89307 | 193217 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 5063<br>786814 | 8739<br>1582880 | 32115<br>4009288 | 78204 | 170707 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | 4792<br>562688 | 8412<br>1153240 | 29245<br>2970509 | 73514 | 119122 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Hexachlorobutadiene | CBZd5 | Ave | +++++<br>459771 | 6864<br>944905 | 22774<br>2450124 | 57579 | 98471 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Naphthalene | CBZd5 | Ave | +++++<br>1376714 | 24491<br>2858567 | 81576<br>7217681 | 198305 | 282970 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |

Curve Type Legend:
Ave = Average ISTD
Qua = Quadratic ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 693962

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76297

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-693962/3 | 6G29X03.D |
| Level 2 | IC 410-693962/4 | 6G29X04.D |
| Level 3 | IC 410-693962/5 | 6G29X05.D |
| Level 4 | IC 410-693962/6 | 6G29X06.D |
| Level 5 | IC 410-693962/7 | 6G29X07.D |
| Level 6 | ICISAV 410-693962/8 | 6G29X08.D |
| Level 7 | IC 410-693962/9 | 6G29X09.D |
| Level 8 | IC 410-693962/10 | 6G29X10.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Chloromethane | +++++ 1.7 | +++++ -0.2 | 41.4 | 2.5 | -2.6 | -4.1 | 30 | 30 | 50 | 30 | 30 | 30 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D
Lims ID: IC CAL 0.025 PPB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Aug-2025 20:42:41 ALS Bottle#: 8 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.025 PPB
Misc. Info.: 410-0158236-003
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:36:53 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 10:31:34

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 1.662 | 1.666 | -0.004 | 91 | 3114 | 0.0250 | 0.0211 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.778 | 1.786 | -0.008 | 90 | 3769 | 0.0250 | 0.0228 | |
| 10 Vinyl bromide | 106 | 2.708 | 2.708 | 0.000 | 51 | 1481 | 0.0250 | 0.0263 | |
| 12 Trichlorofluoromethane | 101 | 2.738 | 2.753 | -0.015 | 87 | 3991 | 0.0250 | 0.0271 | |
| 13 Dichlorofluoromethane | 67 | 2.761 | 2.760 | 0.001 | 66 | 3909 | NC | NC | M |
| 11 Pentane | 43 | 2.817 | 2.817 | 0.000 | 75 | 4215 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.312 | 3.323 | -0.011 | 90 | 1680 | 0.0250 | 0.0238 | |
| 19 Acrolein | 56 | 3.319 | 3.323 | -0.004 | 85 | 1361 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 3.345 | 3.353 | -0.008 | 92 | 2984 | 0.0250 | 0.0292 | M |
| 23 Acetone | 43 | 3.488 | 3.495 | -0.007 | 97 | 20138 | 0.0250 | 0.1583 | M |
| 18 Iodomethane | 142 | 3.544 | 3.544 | 0.000 | 86 | 2545 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.570 | 3.574 | -0.004 | 95 | 5379 | 0.0250 | 0.0269 | |
| 20 Isopropyl alcohol | 45 | 3.634 | 3.645 | -0.011 | 99 | 7696 | 0.0250 | 0.0455 | |
| 21 3-Chloro-1-propene | 41 | 3.780 | 3.791 | -0.011 | 65 | 3478 | 0.0250 | 0.0338 | M |
| 22 Methylene Chloride | 84 | 3.956 | 3.964 | -0.008 | 82 | 1844 | 0.0250 | 0.0326 | |
| 27 2-Methyl-2-propanol | 59 | 4.069 | 4.084 | -0.015 | 97 | 5204 | 0.0285 | 0.0334 | |
| 26 Methyl tert-butyl ether | 73 | 4.189 | 4.185 | 0.004 | 87 | 5937 | 0.0250 | 0.0298 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.204 | 0.000 | 92 | 2678 | 0.0250 | 0.0258 | |
| 31 Acrylonitrile | 53 | 4.309 | 4.316 | -0.007 | 56 | 1837 | NC | NC | M |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 85 | 2625 | 0.0250 | 0.0406 | M |
| 29 Isopropyl ether | 45 | 4.691 | 4.698 | -0.007 | 94 | 7820 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.714 | 4.717 | -0.003 | 90 | 3354 | 0.0250 | 0.0276 | |
| 33 Vinyl acetate | 86 | 4.755 | 4.758 | -0.003 | 94 | 393 | NC | NC | M |
| 32 Tert-butyl ethyl ether | 59 | 5.092 | 5.096 | -0.004 | 91 | 6057 | NC | NC | M |
| 34 cis-1,2-Dichloroethene | 61 | 5.362 | 5.366 | -0.004 | 59 | 2595 | 0.0250 | 0.0274 | M |
| 43 2-Butanone (MEK) | 72 | 5.400 | 5.403 | -0.003 | 98 | 1322 | 0.0250 | 0.0342 | |
| 38 Ethyl acetate | 70 | 5.407 | 5.418 | -0.011 | 95 | 544 | NC | NC | M |
| 39 Methyl acrylate | 55 | 5.467 | 5.474 | -0.007 | 95 | 4013 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.639 | -0.003 | 91 | 535902 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.714 | 5.714 | 0.000 | 87 | 3548 | 0.0250 | 0.0277 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 85 | 4160 | 0.0250 | 0.0324 | |
| 42 1,1,1-Trichloroethane | 97 | 5.857 | 5.864 | -0.007 | 94 | 3994 | 0.0250 | 0.0306 | |
| 40 Carbon tetrachloride | 117 | 5.996 | 5.999 | -0.003 | 73 | 3246 | 0.0250 | 0.0275 | M |
| 44 Isooctane | 57 | 6.247 | 6.250 | -0.003 | 92 | 8254 | 0.0250 | 0.0228 | |
| 46 Benzene | 78 | 6.277 | 6.273 | 0.004 | 88 | 5417 | 0.0250 | 0.0260 | M |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.307 | -0.004 | 0 | 949759 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.363 | 6.374 | -0.011 | 92 | 7036 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.393 | -0.004 | 87 | 3044 | 0.0250 | 0.0308 | |
| 45 n-Heptane | 71 | 6.472 | 6.468 | 0.004 | 96 | 2790 | 0.0250 | 0.0342 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2323314 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.026 | 7.019 | 0.007 | 90 | 2304 | 0.0250 | 0.0297 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.184 | -0.004 | 96 | 5888 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.338 | 7.345 | -0.007 | 87 | 3142 | 0.0250 | 0.0338 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.454 | -0.004 | 90 | 2824 | 0.0250 | 0.0326 | |
| 56 1,4-Dioxane | 88 | 7.484 | 7.476 | 0.008 | 61 | 1406 | 0.0250 | 0.0277 | |
| 51 Dibromomethane | 174 | 7.488 | 7.491 | -0.003 | 92 | 2153 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 94 | 4816 | 0.0250 | 0.0328 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.215 | -0.004 | 90 | 4414 | 0.0250 | 0.0323 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 90 | 6249 | 0.0250 | 0.0304 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2833591 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 92 | 8226 | 0.0250 | 0.0316 | |
| 58 n-Octane | 43 | 8.590 | 8.593 | -0.003 | 85 | 6821 | NC | NC | |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 85 | 4513 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.107 | 9.103 | 0.004 | 84 | 2632 | 0.0250 | 0.0309 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 90 | 3512 | 0.0250 | 0.0305 | |
| 67 2-Hexanone | 43 | 9.339 | 9.336 | 0.003 | 96 | 8280 | 0.0250 | 0.0409 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 91 | 2835 | 0.0250 | 0.0287 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 94 | 3218 | 0.0250 | 0.0263 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.973 | -0.004 | 91 | 2416794 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 81 | 5906 | 0.0250 | 0.0314 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 96 | 9364 | 0.0250 | 0.0282 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 90 | 2675 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 97 | 14351 | 0.0500 | 0.0571 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 95 | 8981 | 0.0250 | 0.0338 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 93 | 4998 | 0.0250 | 0.0271 | M |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 93 | 3444 | 0.0250 | 0.0309 | |
| 76 Isopropylbenzene | 105 | 10.753 | 10.756 | -0.003 | 96 | 9212 | 0.0250 | 0.0274 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 95 | 2866 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.034 | 11.037 | -0.003 | 93 | 5740 | 0.0250 | 0.0290 | M |
| 77 N-Propylbenzene | 120 | 11.053 | 11.052 | 0.001 | 99 | 2717 | 0.0250 | 0.0297 | |
| 83 1,2,3-Trichloropropane | 110 | 11.071 | 11.075 | -0.004 | 85 | 1702 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 96 | 8700 | 0.0250 | 0.0271 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 92 | 2605 | 0.0250 | 0.0324 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 90 | 8065 | 0.0250 | 0.0285 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 91 | 4487 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.394 | 11.394 | 0.000 | 88 | 7423 | 0.0250 | 0.0296 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.439 | 11.439 | 0.001 | 96 | 8891 | 0.0250 | 0.0312 | |
| 87 sec-Butylbenzene | 105 | 11.544 | 11.540 | 0.004 | 94 | 11733 | 0.0250 | 0.0290 | |
| 88 4-Isopropyltoluene | 119 | 11.634 | 11.633 | 0.001 | 94 | 10276 | 0.0250 | 0.0307 | |
| 89 1,3-Dichlorobenzene | 146 | 11.649 | 11.652 | -0.003 | 90 | 4751 | 0.0250 | 0.0279 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 89 | 5251 | 0.0250 | 0.0301 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 97 | 2084 | 0.0250 | 0.0416 | M |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 98 | 5588 | 0.0250 | 0.0301 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 5063 | 0.0250 | 0.0306 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 86 | 2827 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.455 | 12.454 | 0.001 | 72 | 3423 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.979 | 12.983 | -0.004 | 91 | 4792 | 0.0250 | 0.0347 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 85 | 4413 | 0.0250 | 0.0419 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 97 | 14636 | 0.0250 | 0.0429 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 5273 | 0.0500 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.0500 | 0.0323 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 23332 | 0.0750 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00150 | Amount Added: | 10.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:36:55 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D

Injection Date: 29-Aug-2025 20:42:41 Instrument ID: HP26379

Lims ID: IC CAL 0.025 PPB

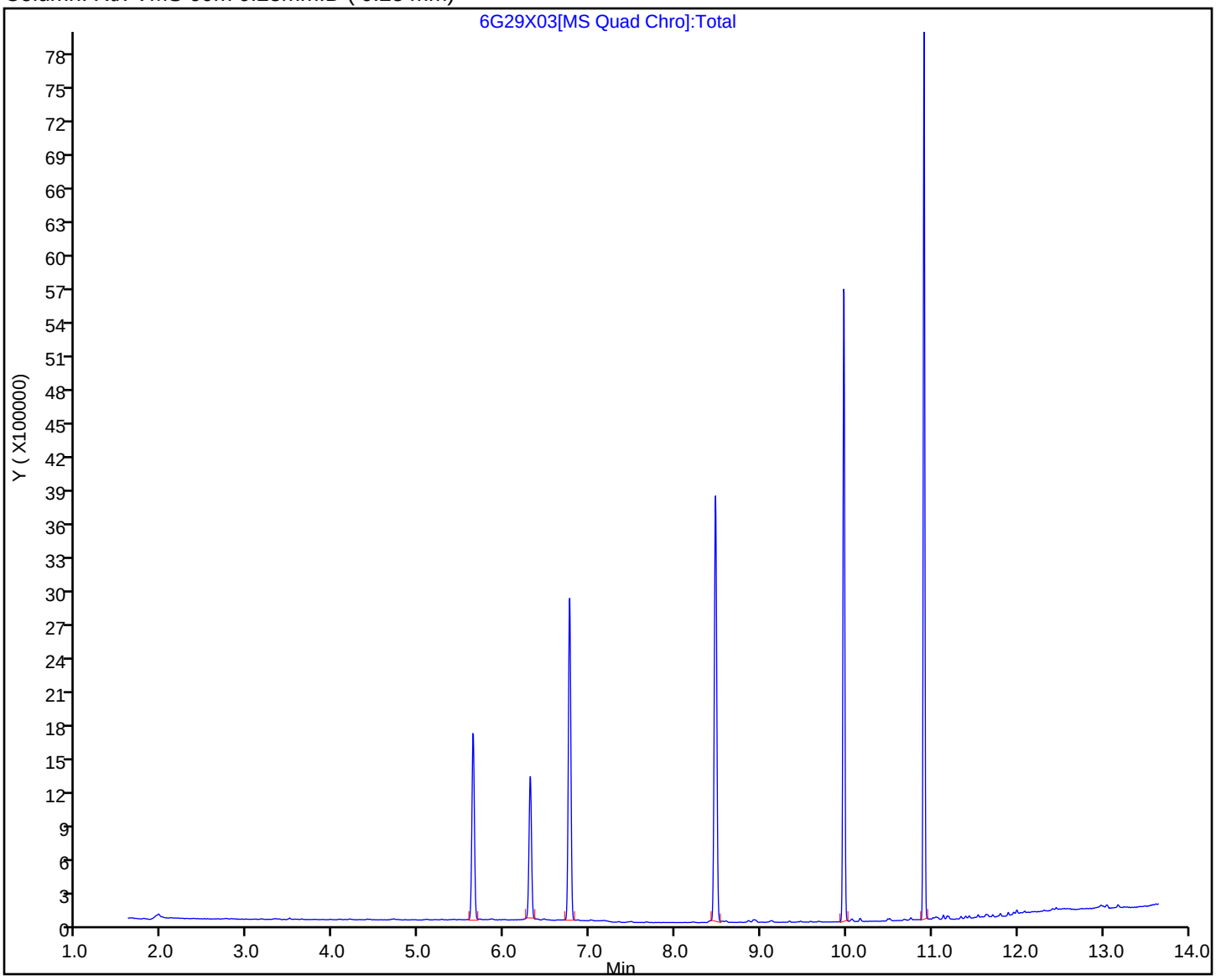
Client ID:

Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

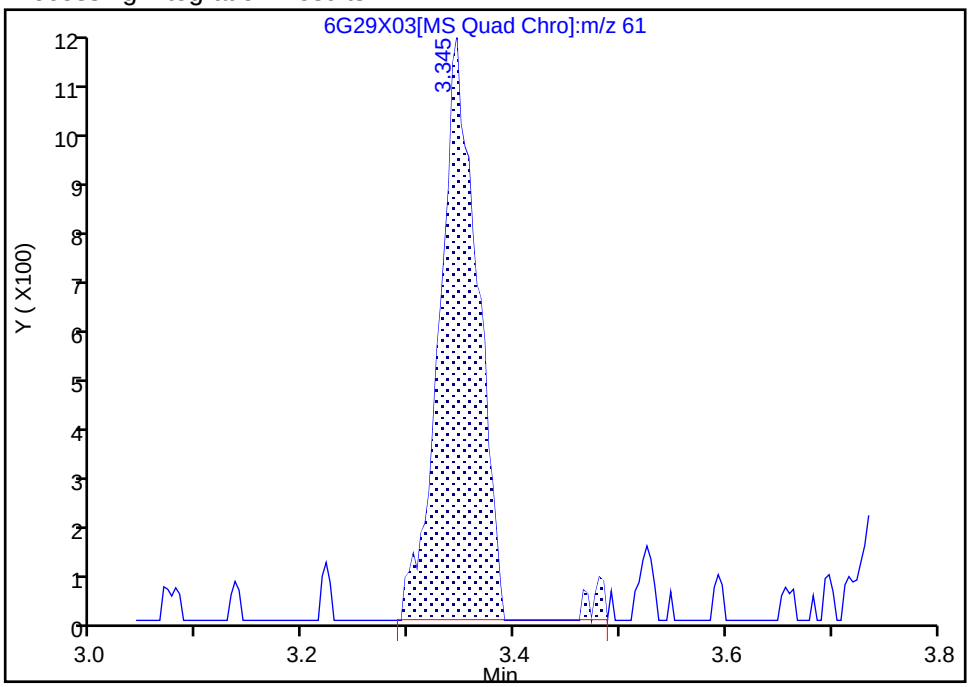
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 15 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

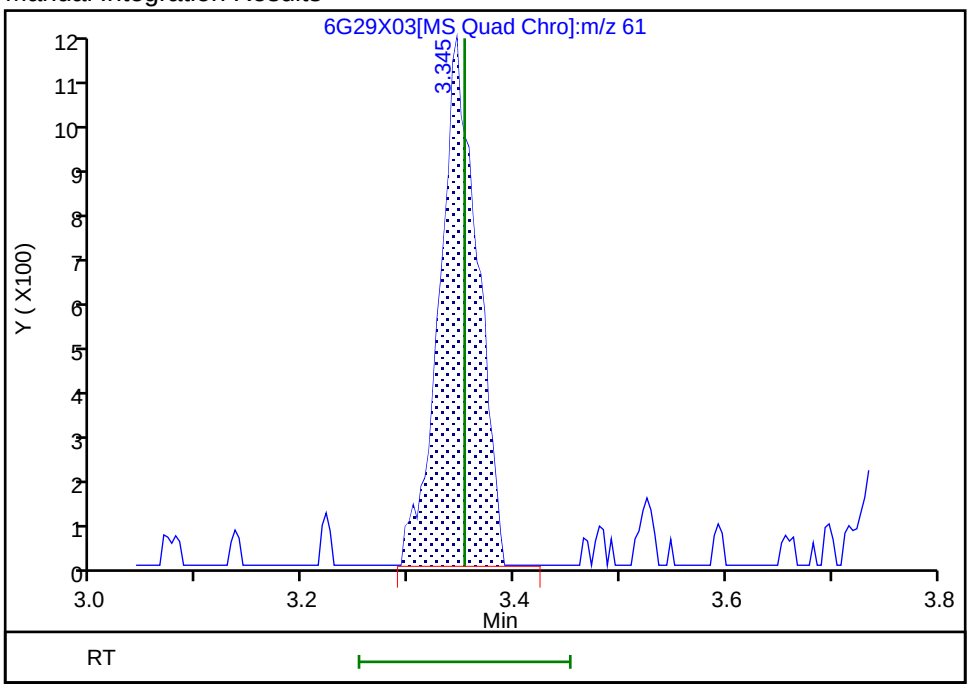
Processing Integration Results

RT: 3.35
Area: 3061
Amount: 0.029857
Amount Units: ppb v/v




Manual Integration Results

RT: 3.35
Area: 2984
Amount: 0.029216
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:40:55 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

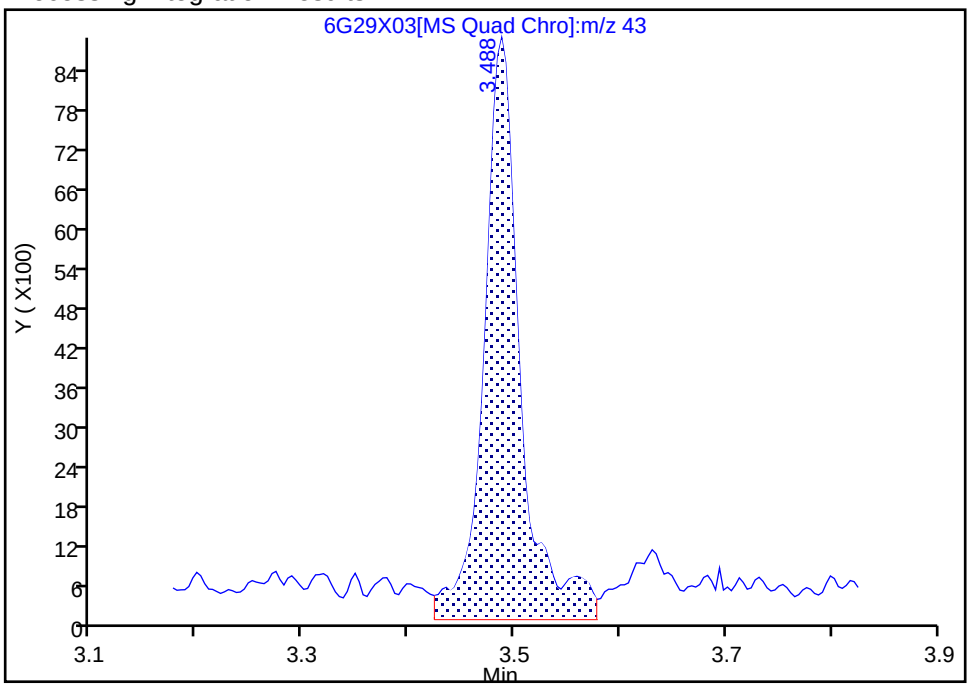
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

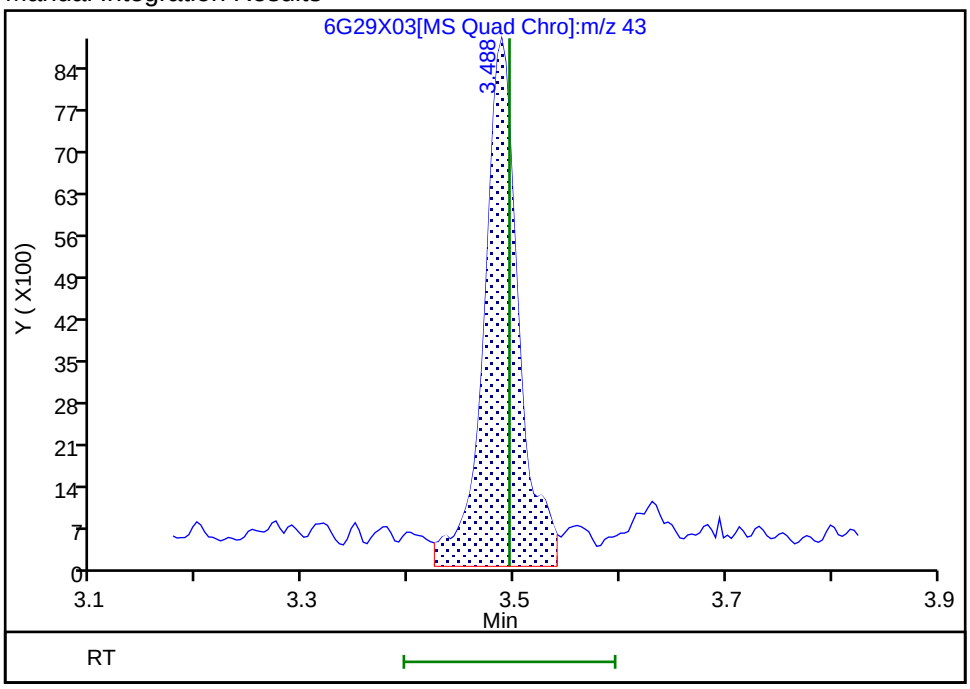
Processing Integration Results

RT: 3.49
Area: 21415
Amount: 0.031494
Amount Units: ppb v/v




Manual Integration Results

RT: 3.49
Area: 20138
Amount: 0.158311
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:41:01 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

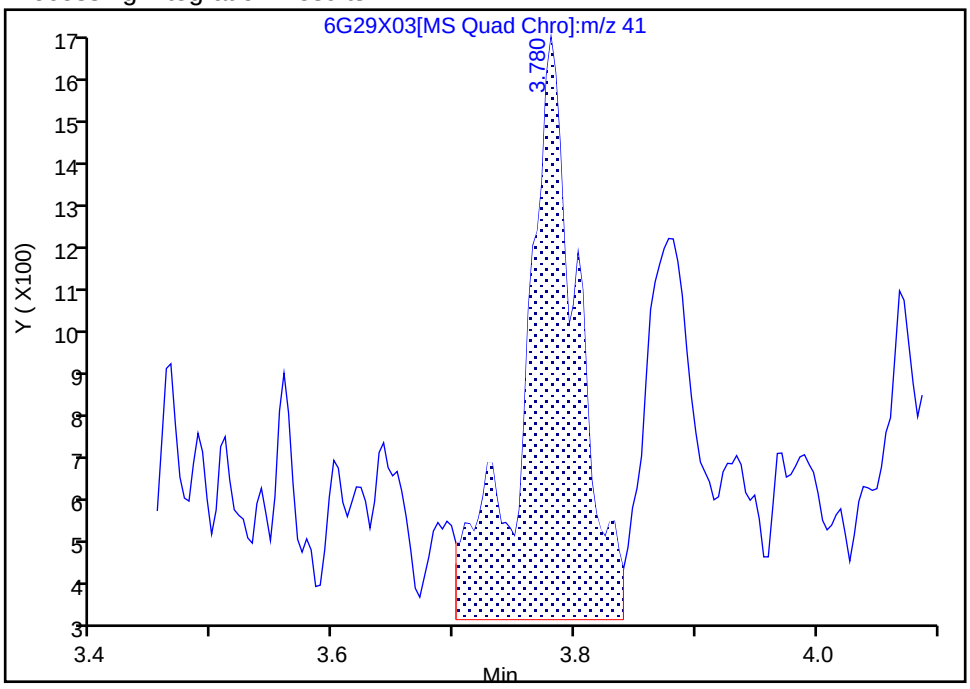
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

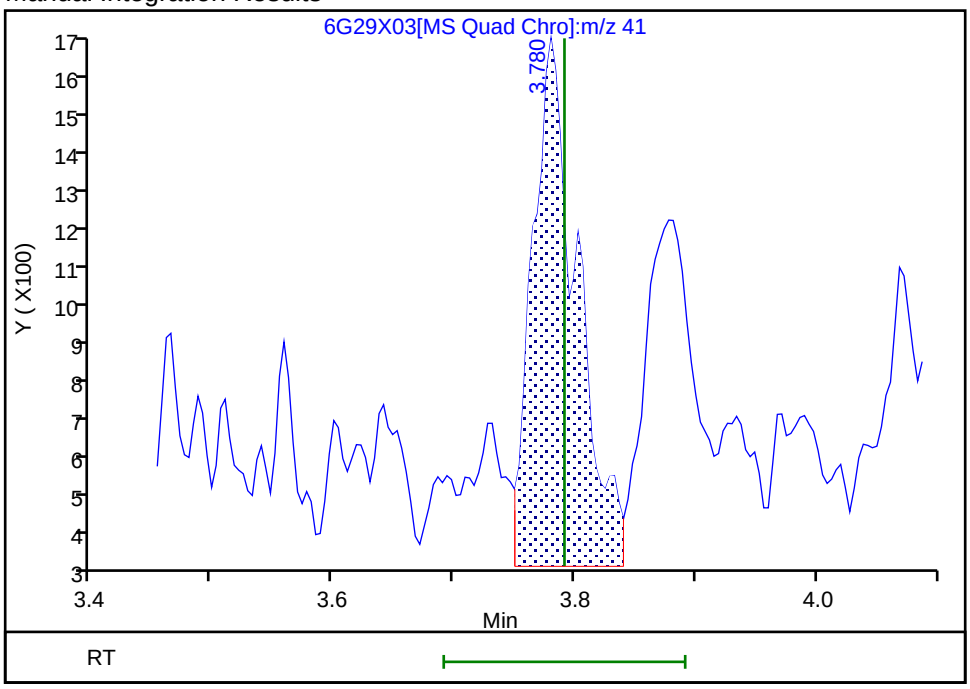
Processing Integration Results

RT: 3.78
Area: 4208
Amount: 0.039533
Amount Units: ppb v/v




Manual Integration Results

RT: 3.78
Area: 3478
Amount: 0.033835
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:41:13 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

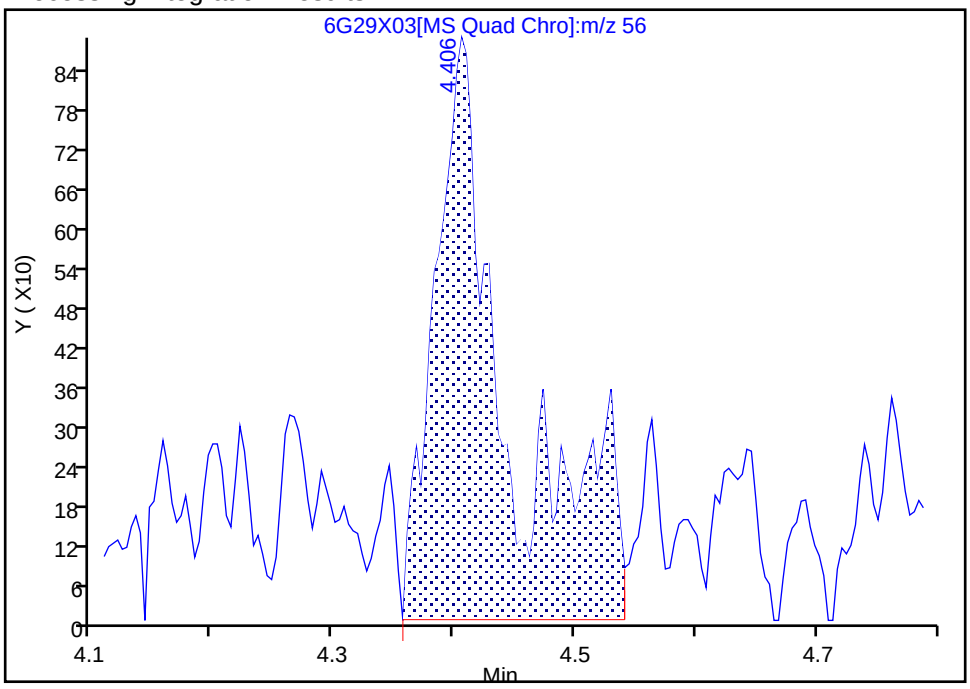
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Signal: 1

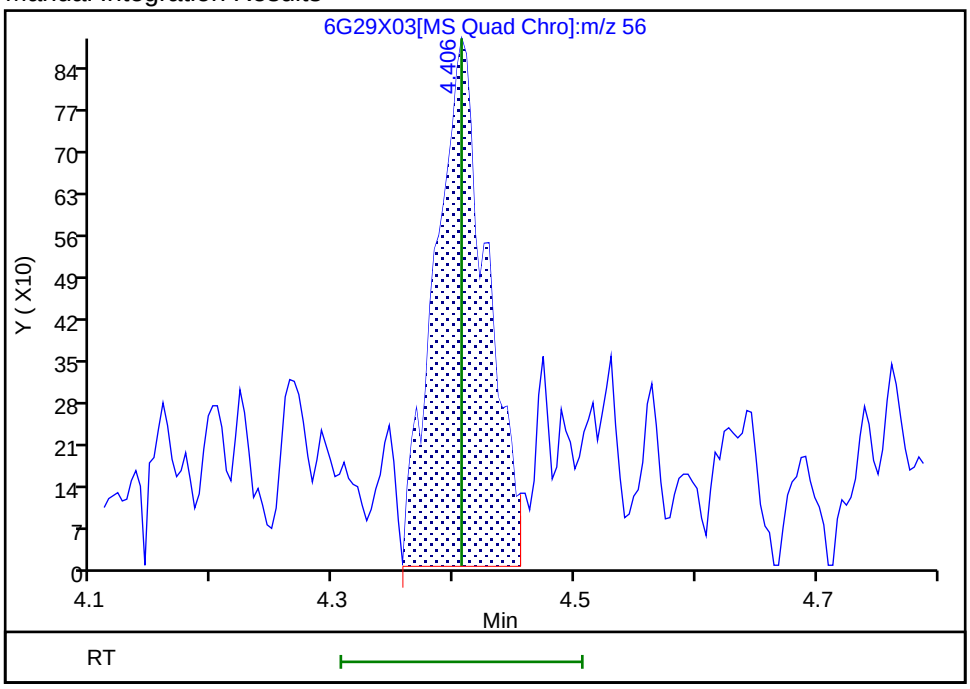
Processing Integration Results

RT: 4.41
Area: 3733
Amount: 0.049617
Amount Units: ppb v/v




Manual Integration Results

RT: 4.41
Area: 2625
Amount: 0.040602
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:41:39 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

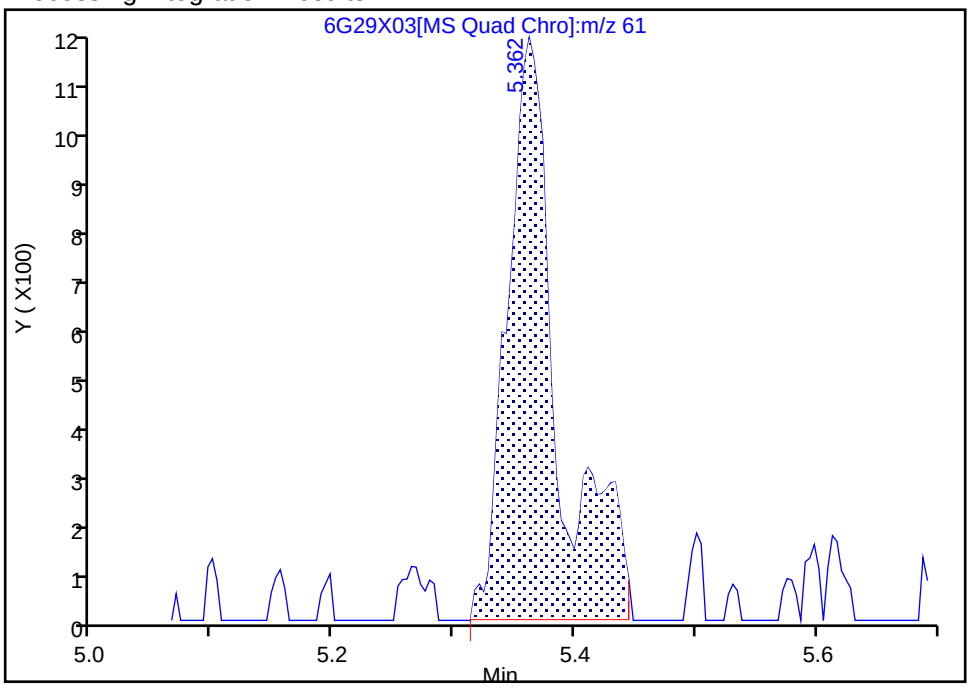
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

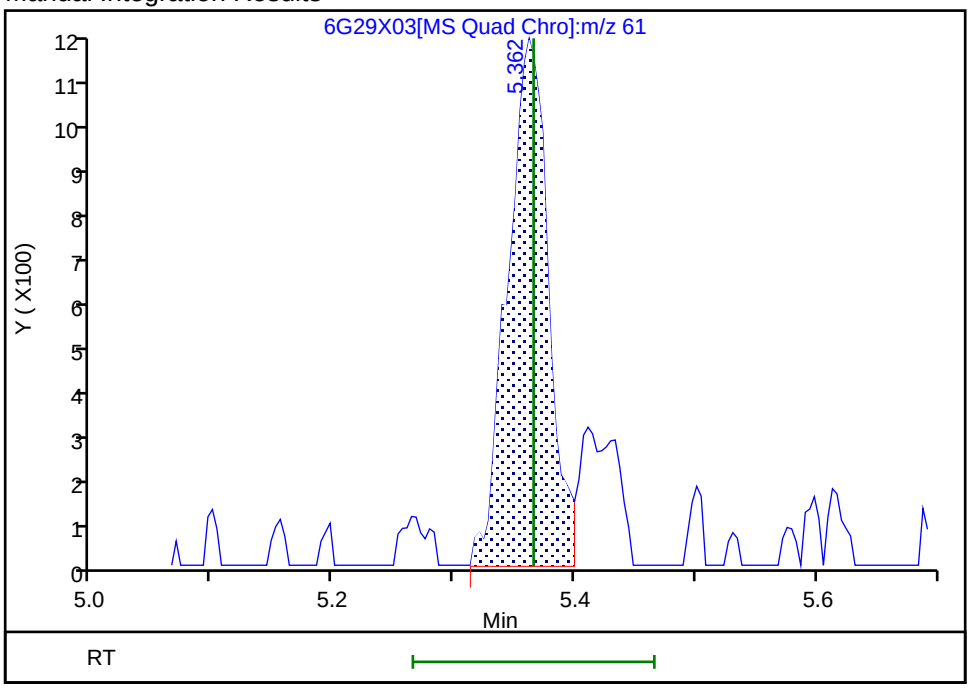
Processing Integration Results

RT: 5.36
Area: 3210
Amount: 0.032873
Amount Units: ppb v/v




Manual Integration Results

RT: 5.36
Area: 2595
Amount: 0.027439
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:42:12 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

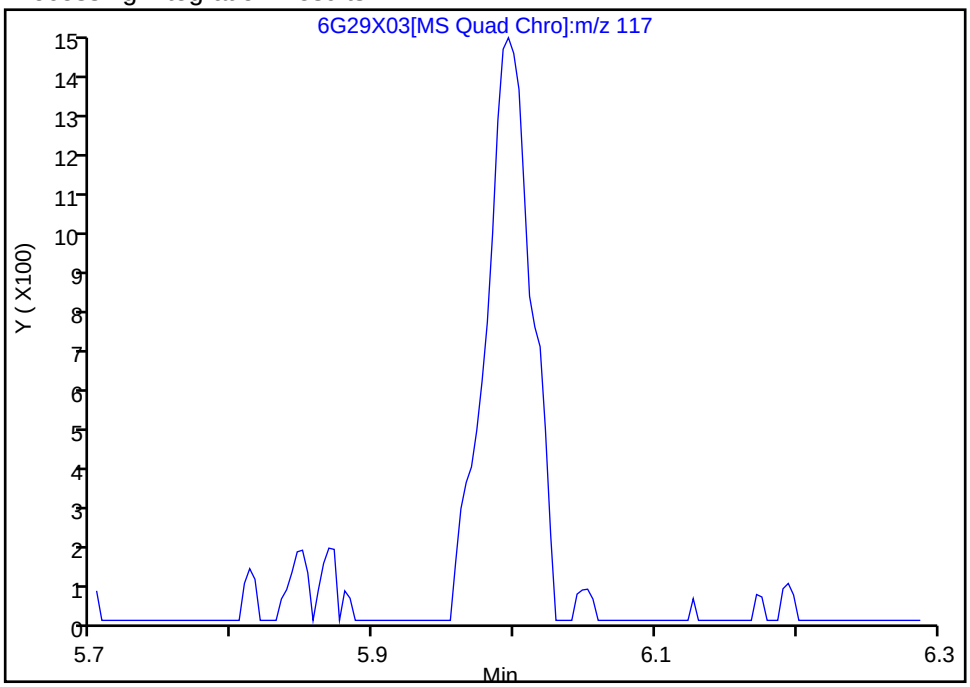
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

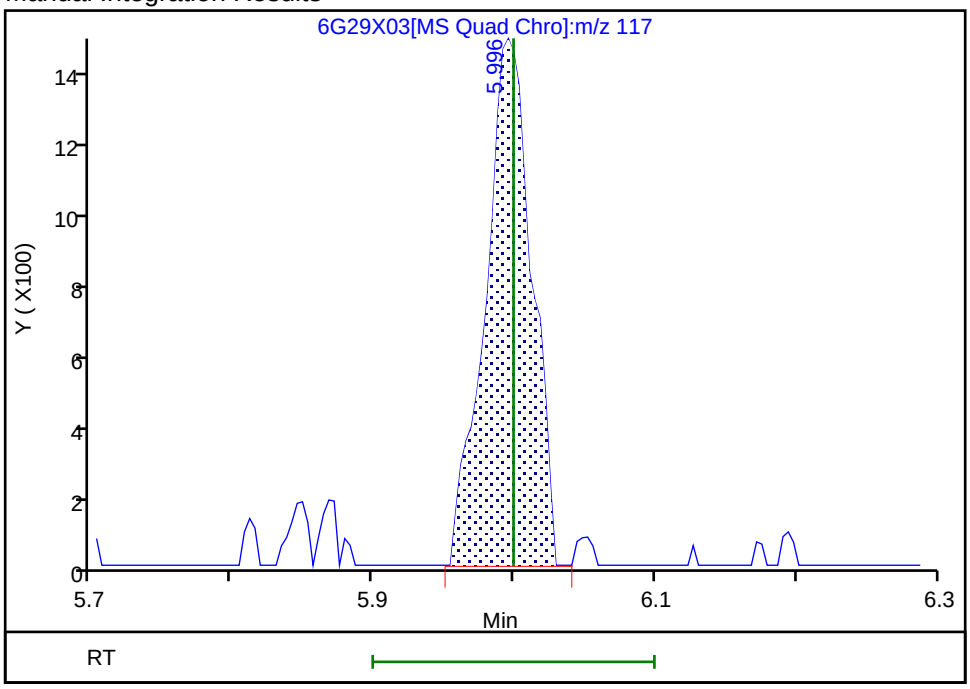
Not Detected
Expected RT: 6.00

Processing Integration Results




Manual Integration Results

RT: 6.00
Area: 3246
Amount: 0.027490
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:43:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

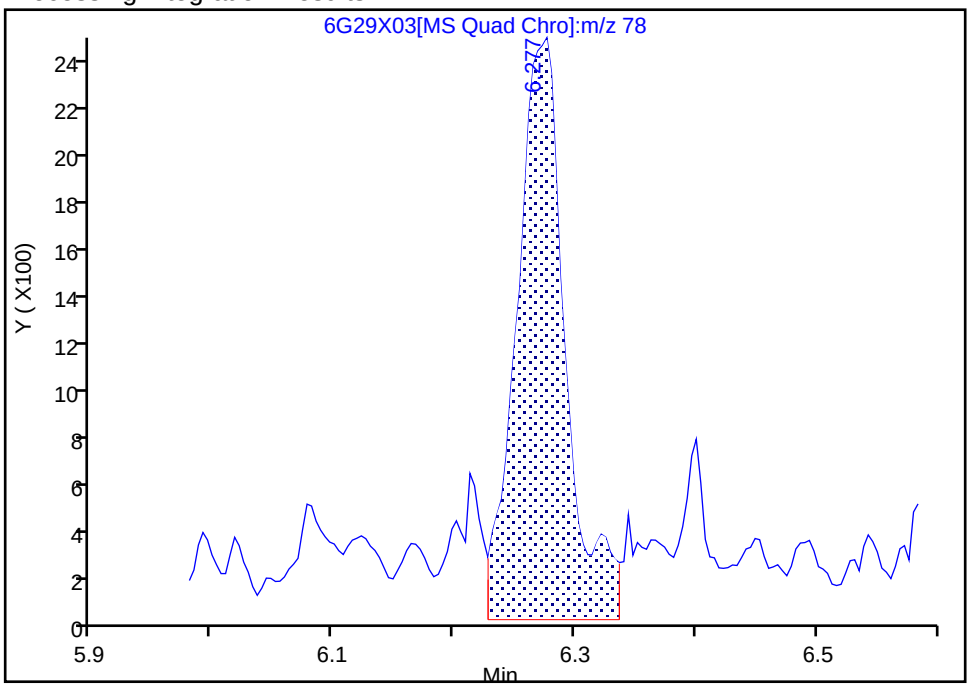
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2

Signal: 1

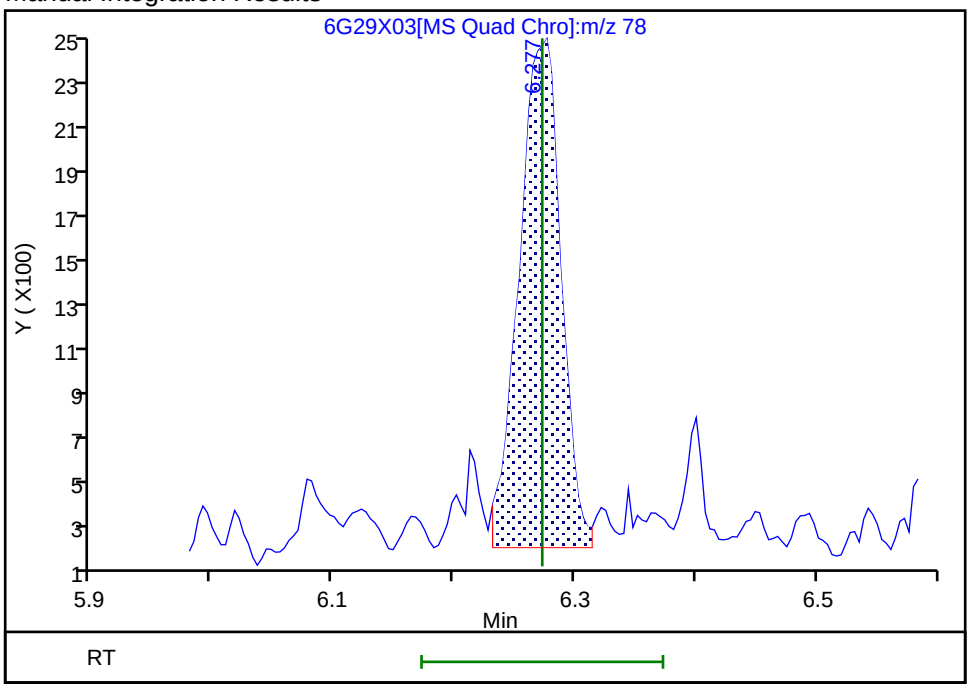
Processing Integration Results

RT: 6.28
Area: 6811
Amount: 0.031650
Amount Units: ppb v/v




Manual Integration Results

RT: 6.28
Area: 5417
Amount: 0.026015
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:43:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

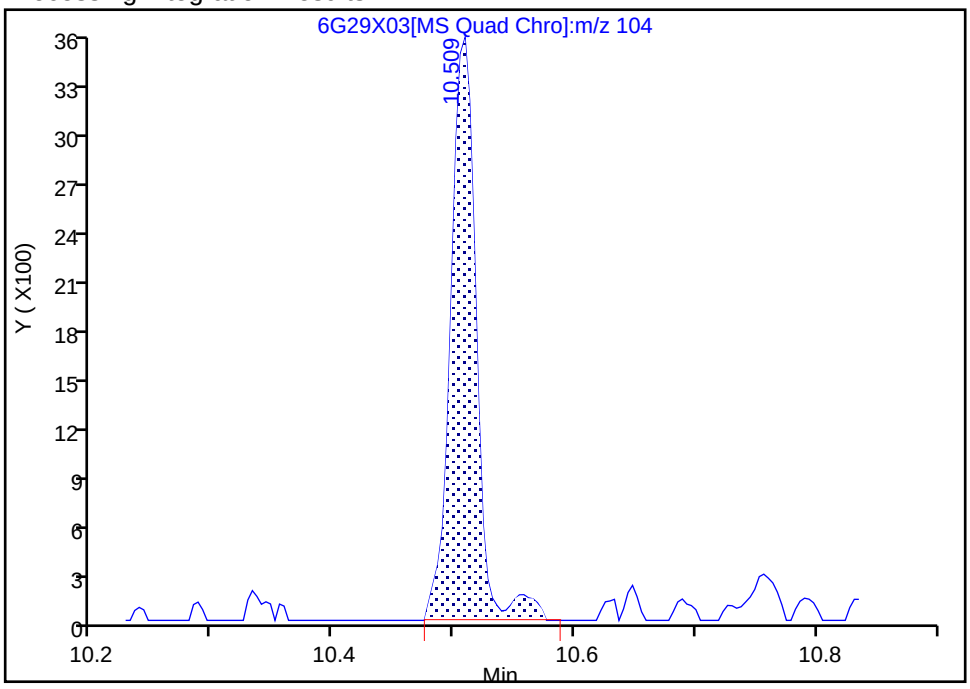
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5

Signal: 1

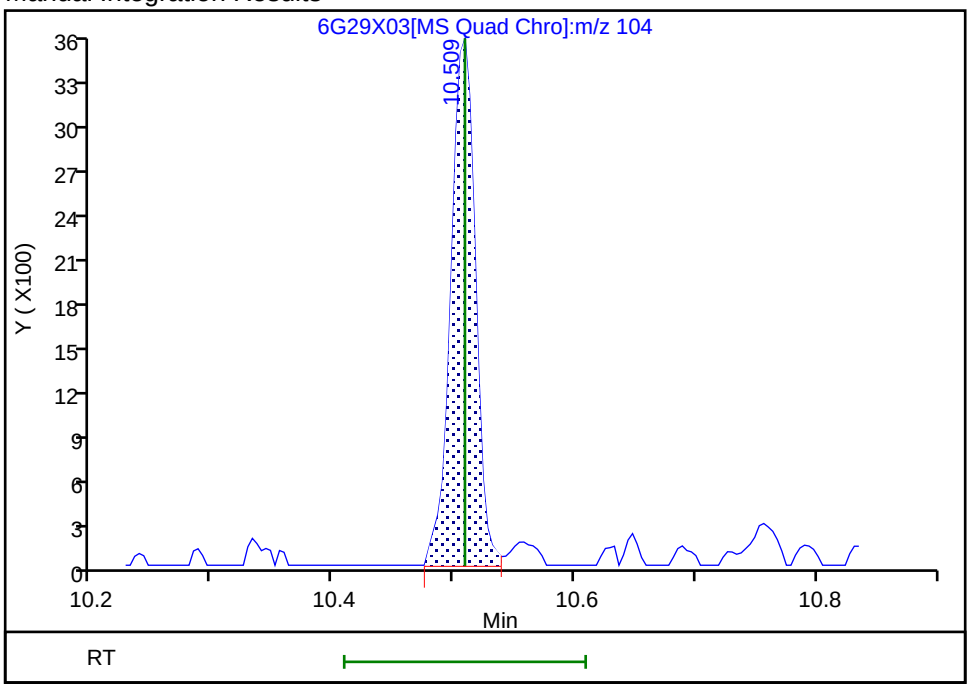
Processing Integration Results

RT: 10.51
Area: 5236
Amount: 0.028226
Amount Units: ppb v/v




Manual Integration Results

RT: 10.51
Area: 4998
Amount: 0.027117
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:44:23 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

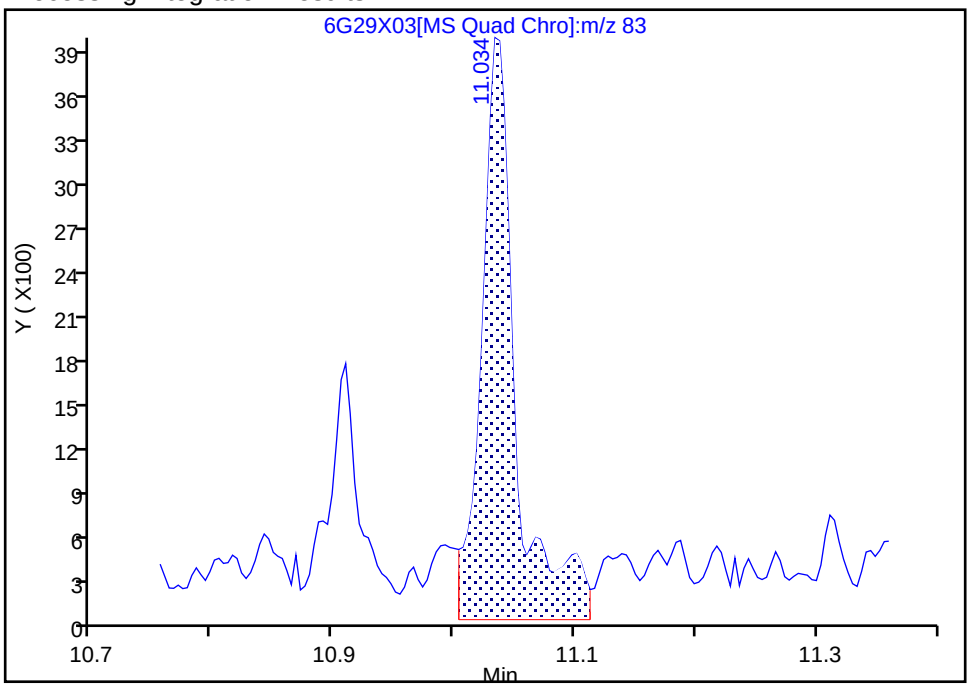
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

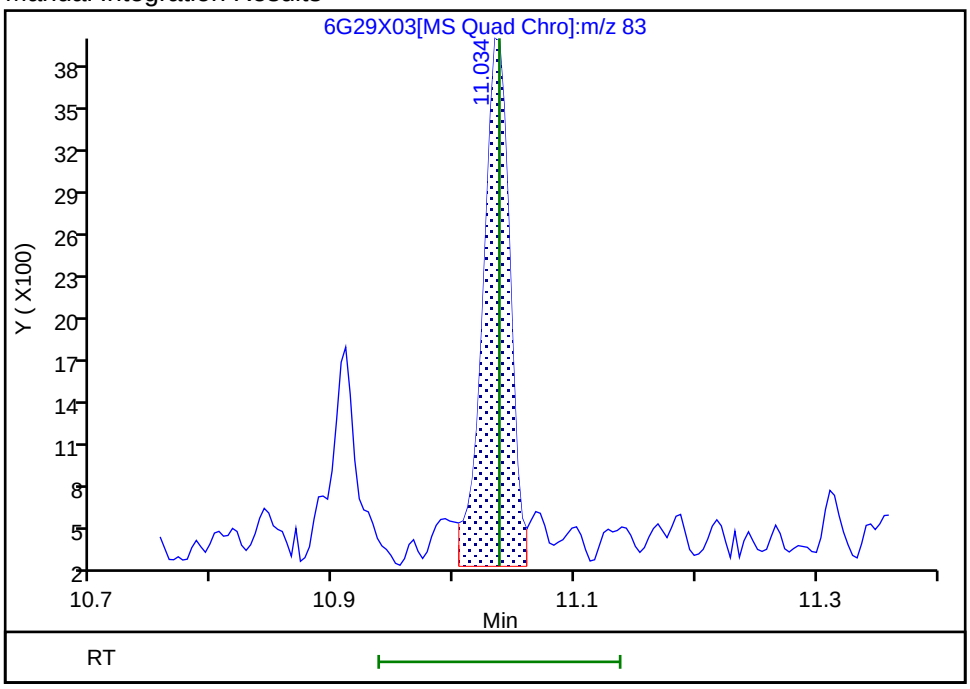
Processing Integration Results

RT: 11.03
Area: 7615
Amount: 0.035755
Amount Units: ppb v/v




Manual Integration Results

RT: 11.03
Area: 5740
Amount: 0.029012
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:44:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

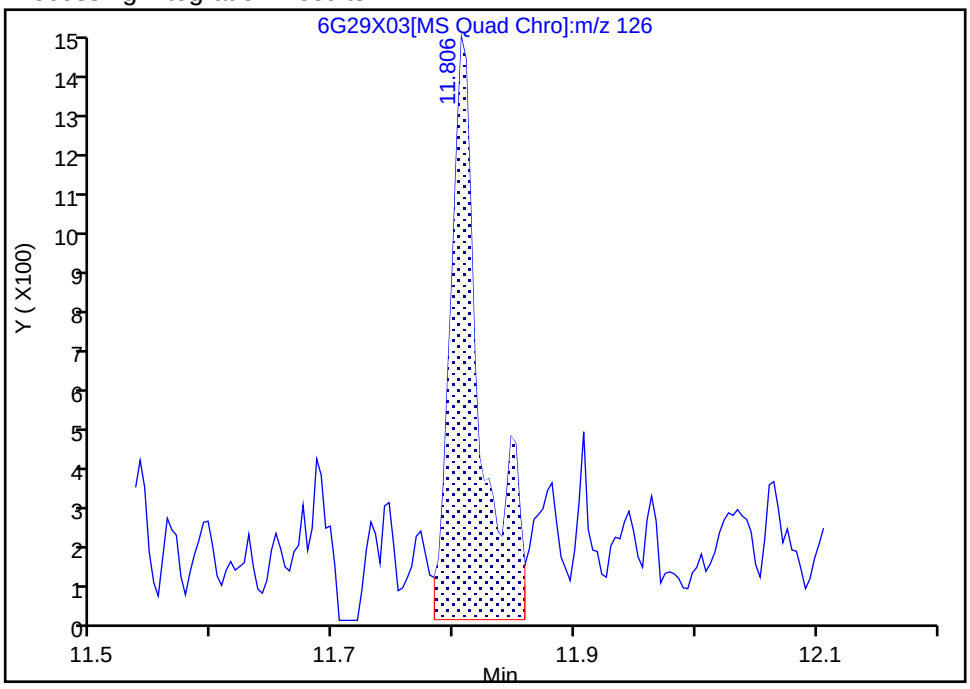
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 92 Benzyl chloride, CAS: 100-44-7

Signal: 1

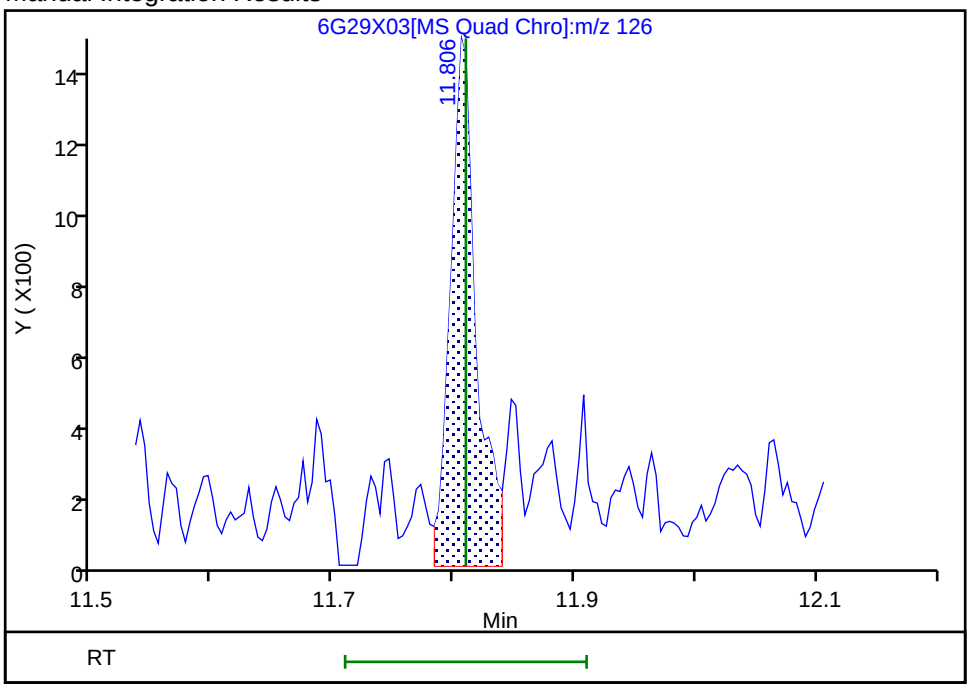
Processing Integration Results

RT: 11.81
Area: 2445
Amount: 0.043646
Amount Units: ppb v/v




Manual Integration Results

RT: 11.81
Area: 2084
Amount: 0.041639
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:45:03 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

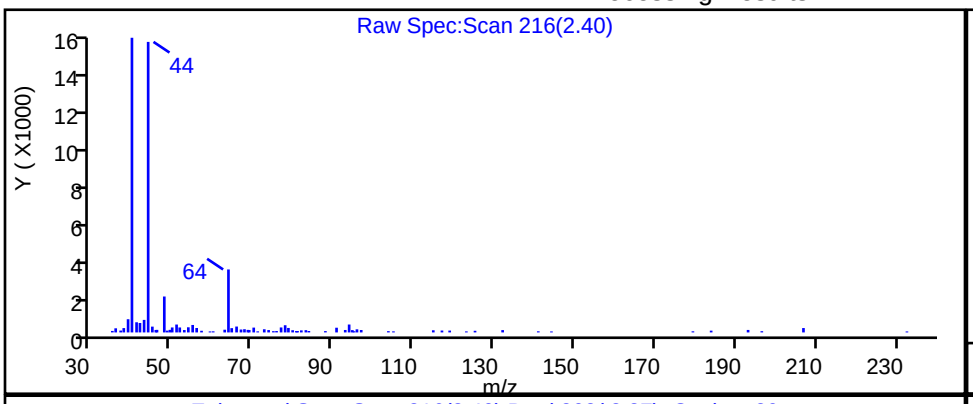
User Disabled Compound Report

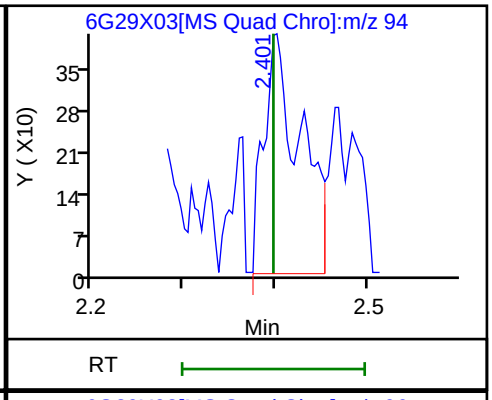
Eurofins Lancaster Laboratories Environment Testing, LLC

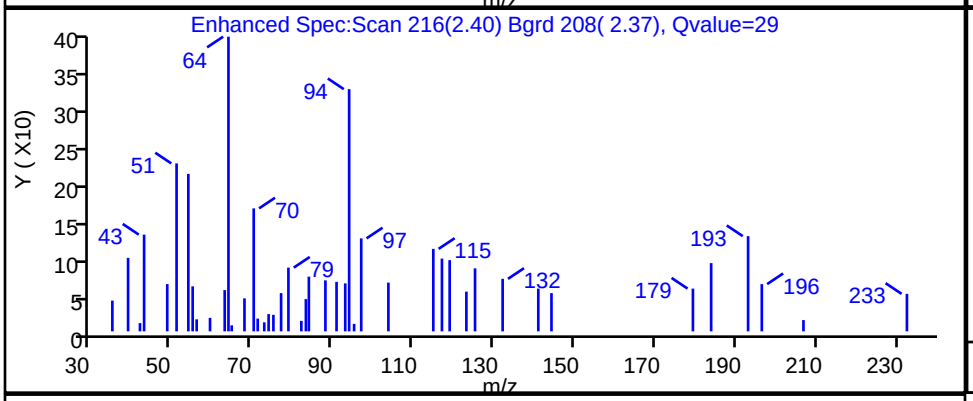
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

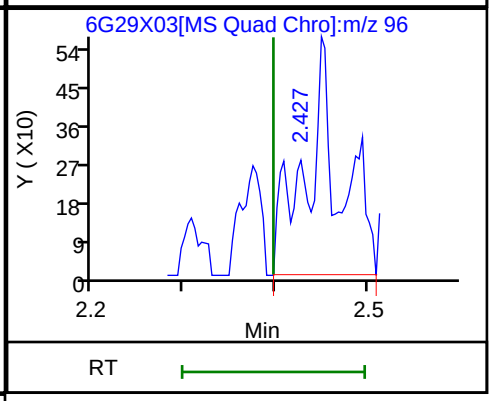
## 8 Bromomethane, CAS: 74-83-9

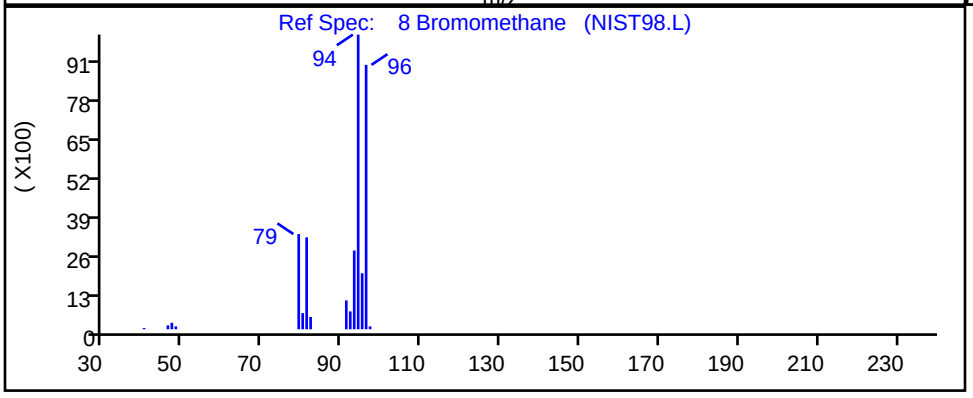
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.40 | 94.00 | 1124 | 0.024878 |
| 2.43 | 96.00 | 1472 | |

Reviewer: D7UM, 03-Sep-2025 12:40:11 -04:00:00 (UTC)

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

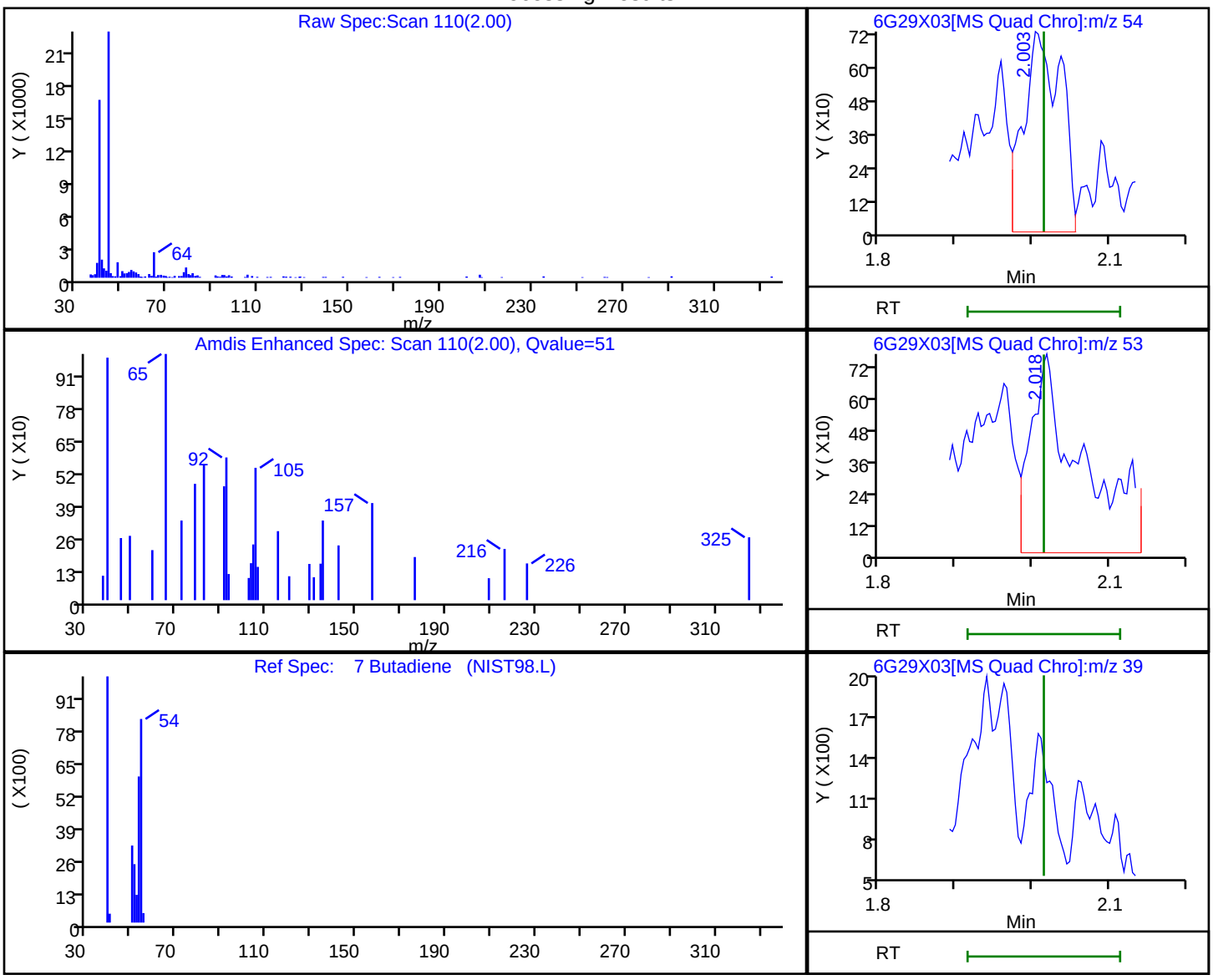
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.00 | 54.00 | 2422 | 0.035416 |
| 2.02 | 53.00 | 3466 | |
| 2.01 | 39.00 | 0 | |

Reviewer: D7UM, 03-Sep-2025 12:40:09 -04:00:00 (UTC)

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

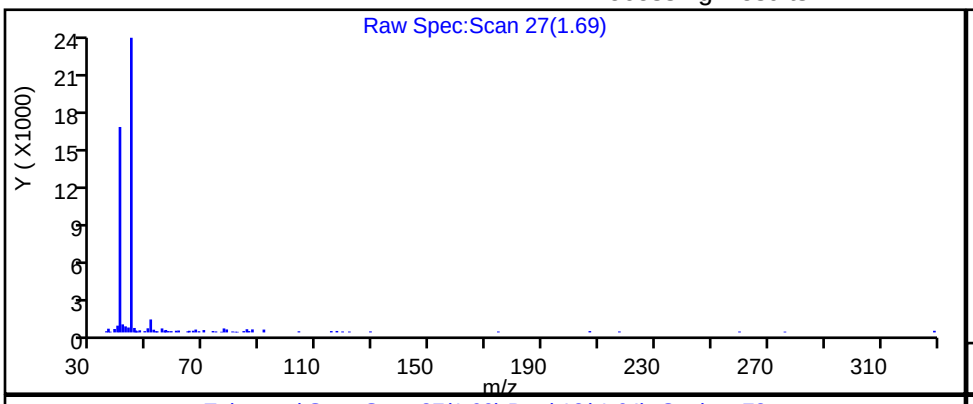
User Disabled Compound Report

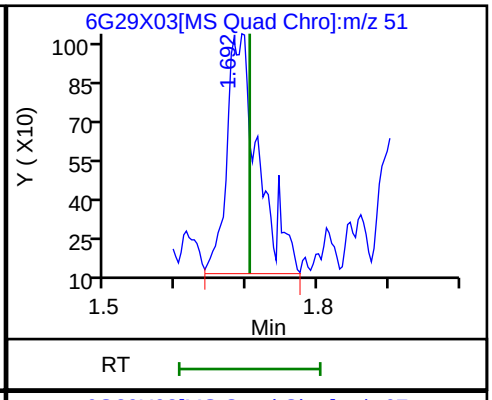
Eurofins Lancaster Laboratories Environment Testing, LLC

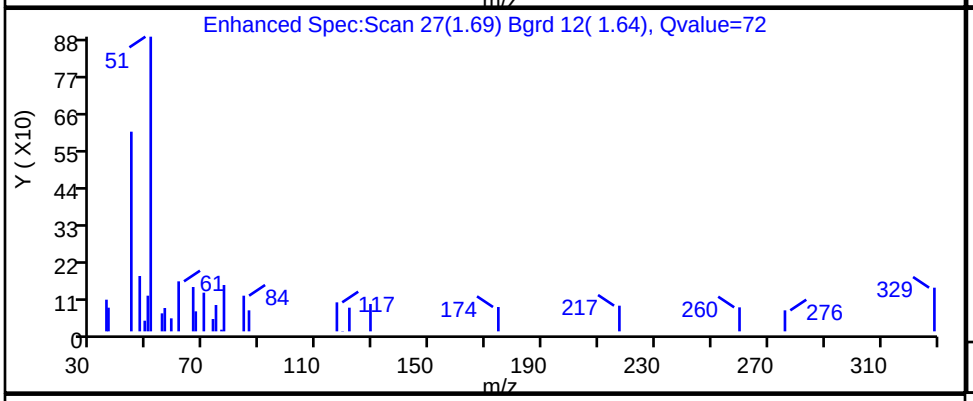
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

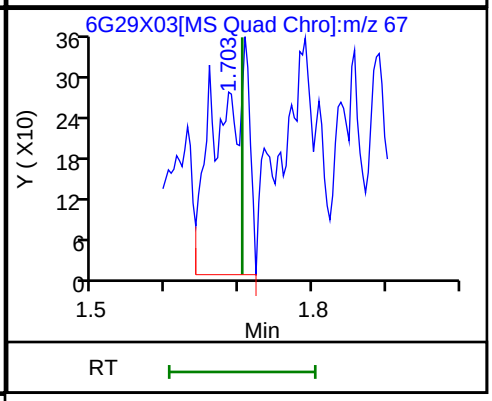
## 3 Chlorodifluoromethane, CAS: 75-45-6

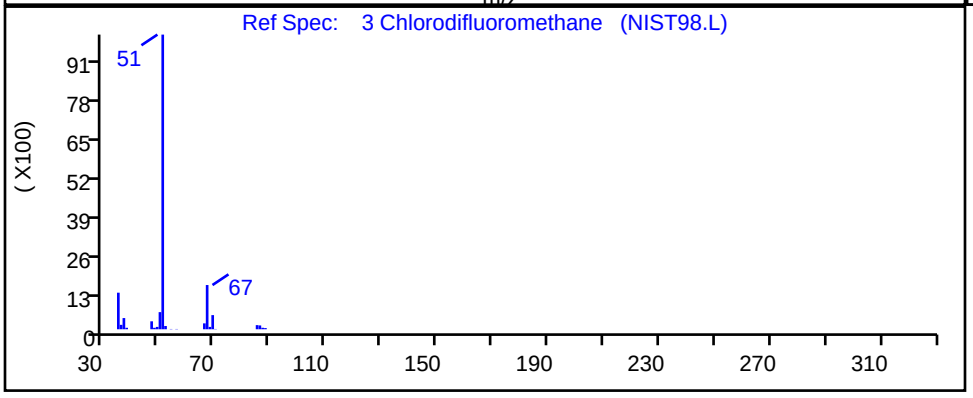
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.69 | 51.00 | 2830 | 0.026065 |
| 1.70 | 67.00 | 1038 | |

Reviewer: D7UM, 03-Sep-2025 12:40:00 -04:00:00 (UTC)

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

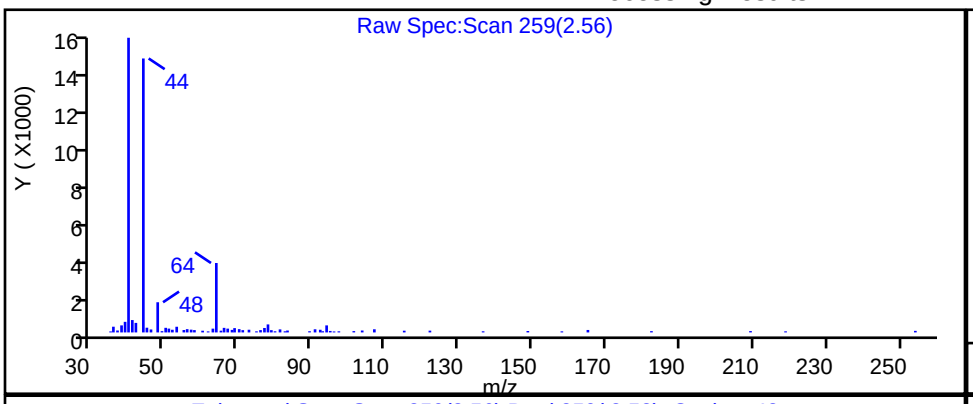
User Disabled Compound Report

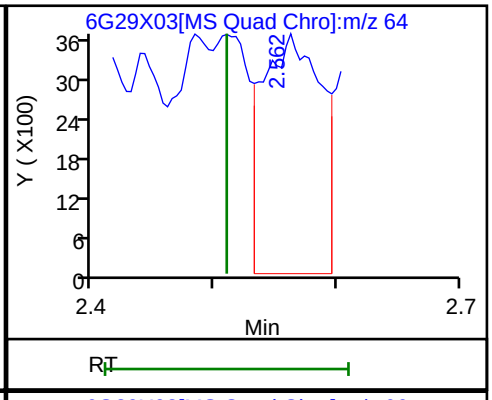
Eurofins Lancaster Laboratories Environment Testing, LLC

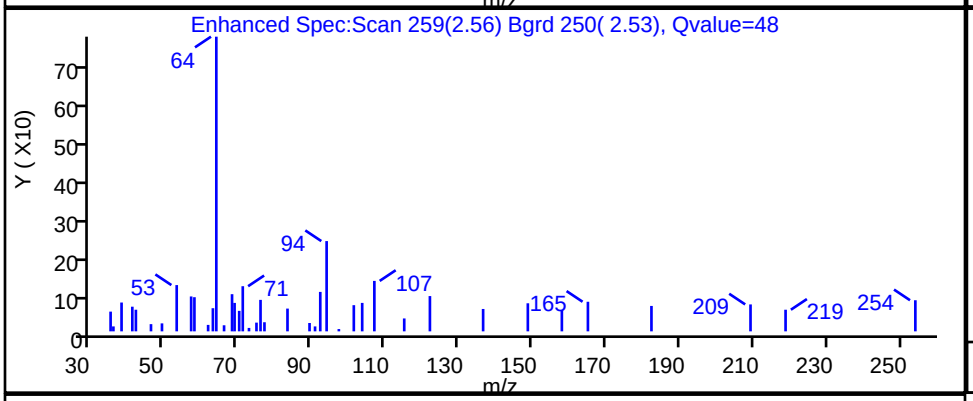
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

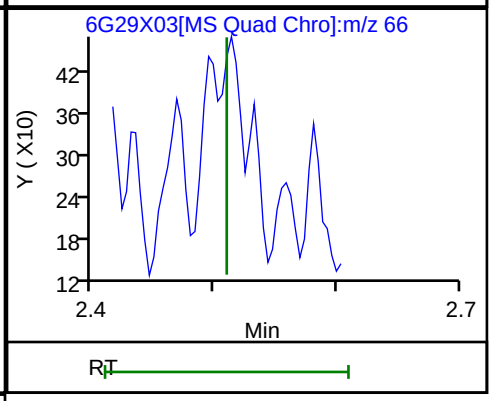
## 9 Chloroethane, CAS: 75-00-3

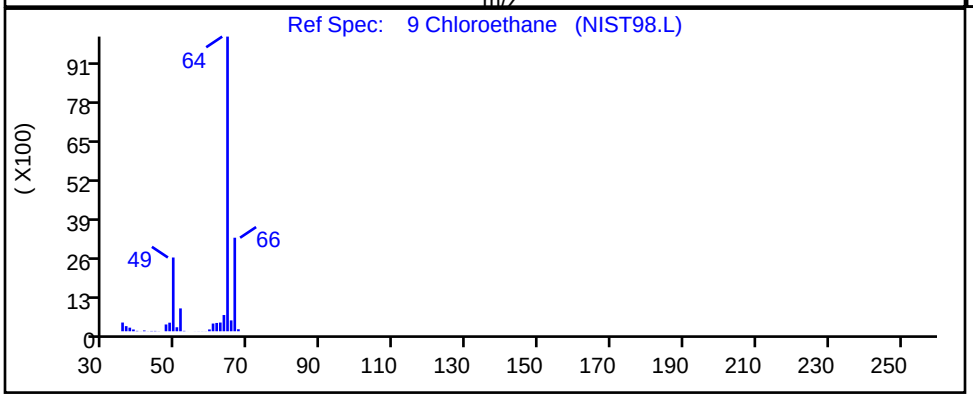
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.56 | 64.00 | 11871 | 0.101046 |
| 2.51 | 66.00 | 0 | |

Reviewer: D7UM, 03-Sep-2025 12:40:12 -04:00:00 (UTC)

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

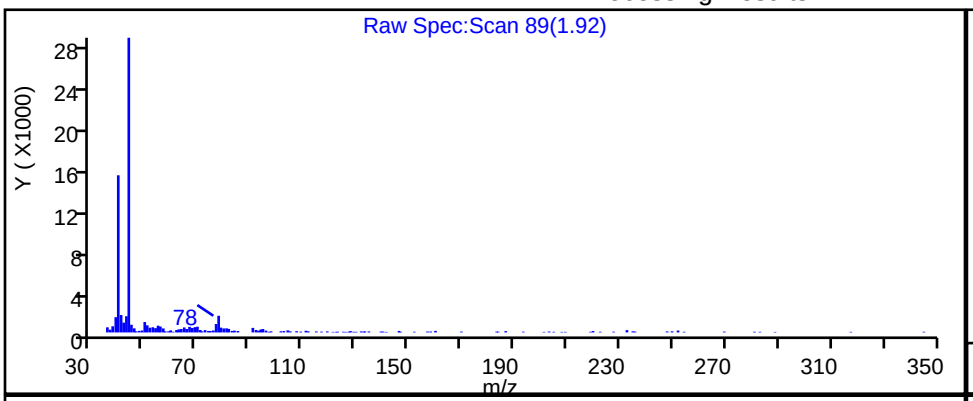
User Disabled Compound Report

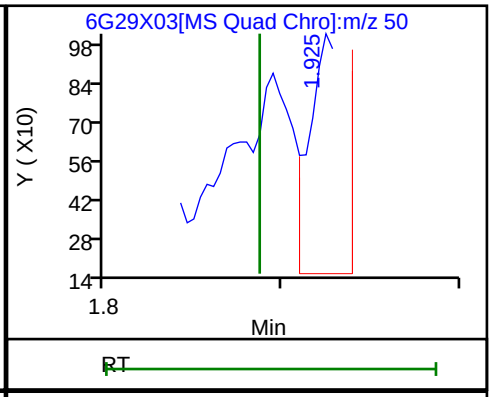
Eurofins Lancaster Laboratories Environment Testing, LLC

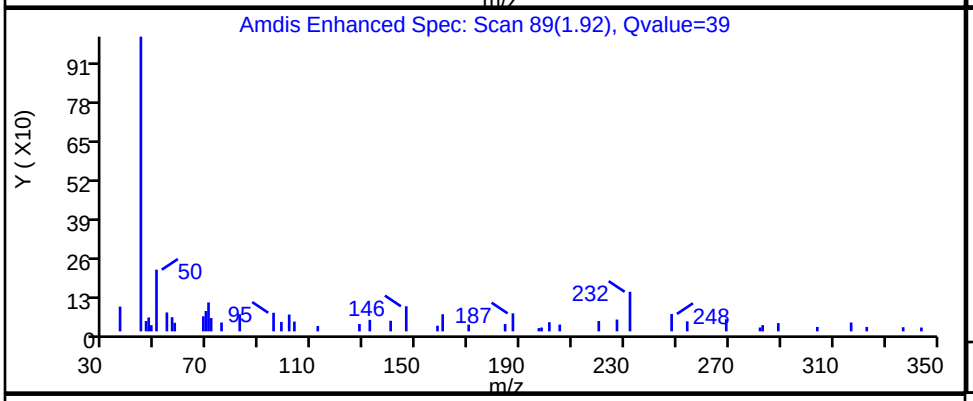
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

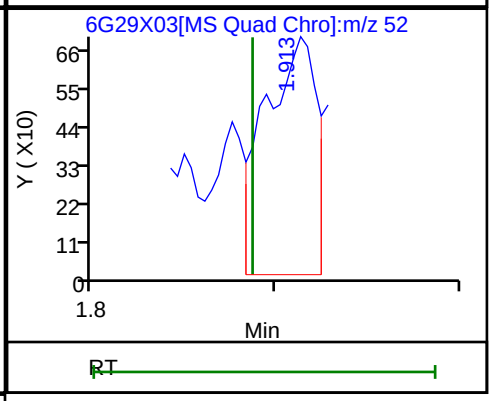
## 5 Chloromethane, CAS: 74-87-3

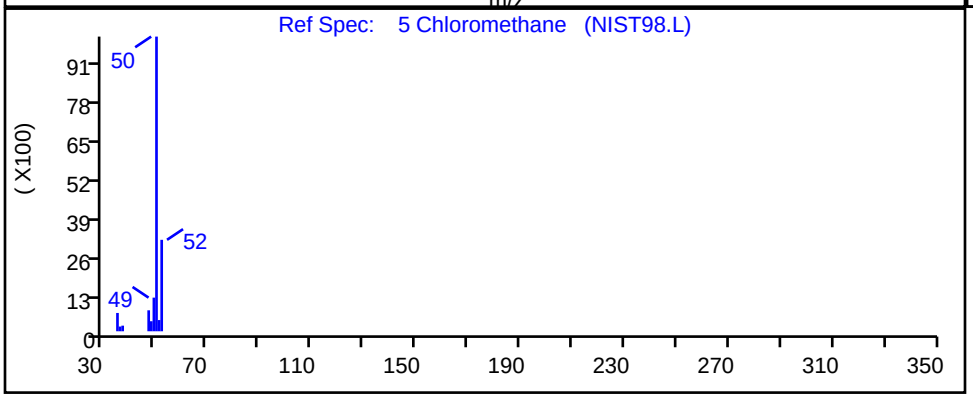
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.92 | 50.00 | 1133 | 0.016723 |
| 1.91 | 52.00 | 1318 | |

Reviewer: D7UM, 03-Sep-2025 12:40:03 -04:00:00 (UTC)

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

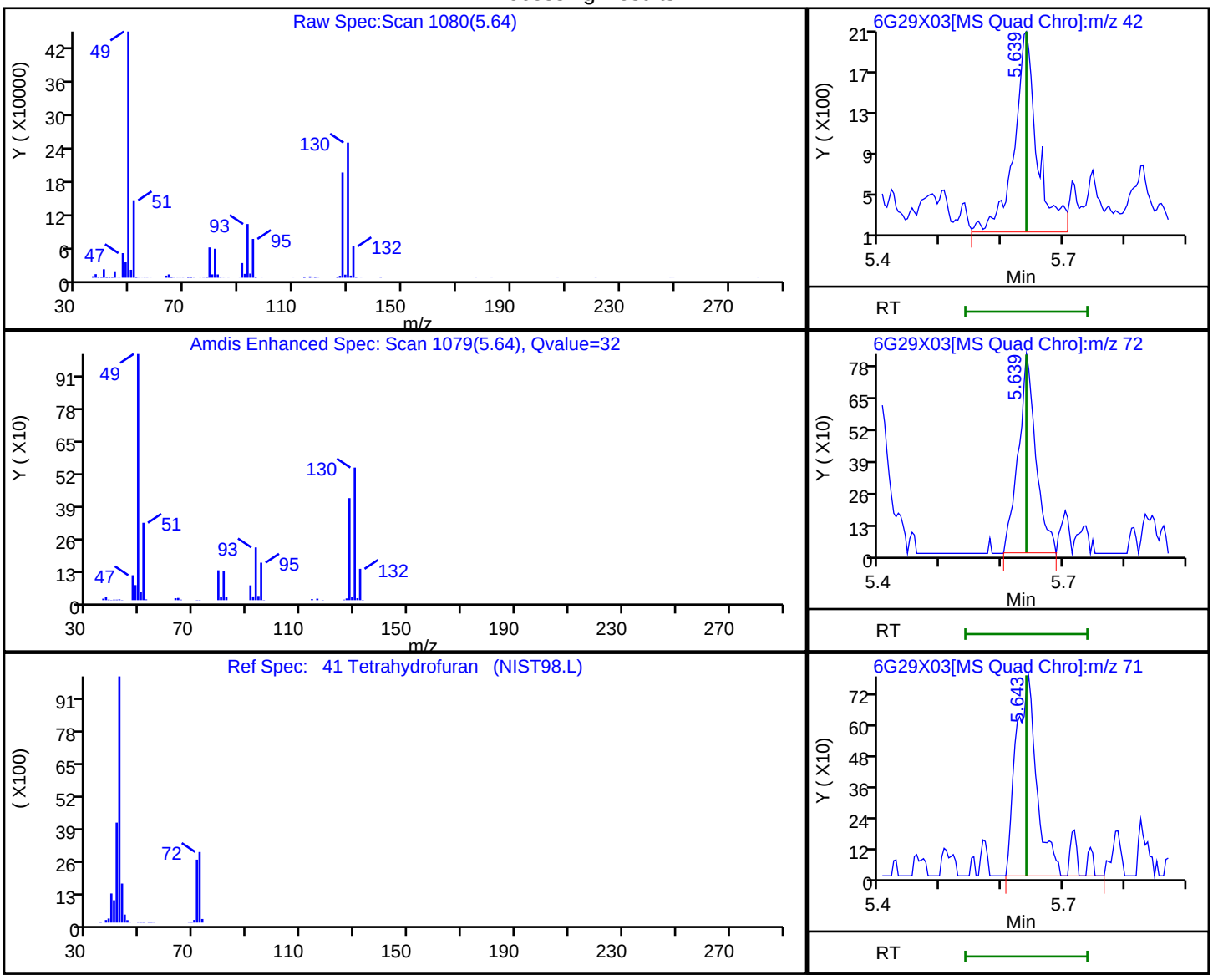
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.64 | 42.00 | 4957 | 0.051238 |
| 5.64 | 72.00 | 1643 | |
| 5.64 | 71.00 | 2042 | |

Reviewer: D7UM, 03-Sep-2025 12:42:43 -04:00:00 (UTC)

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

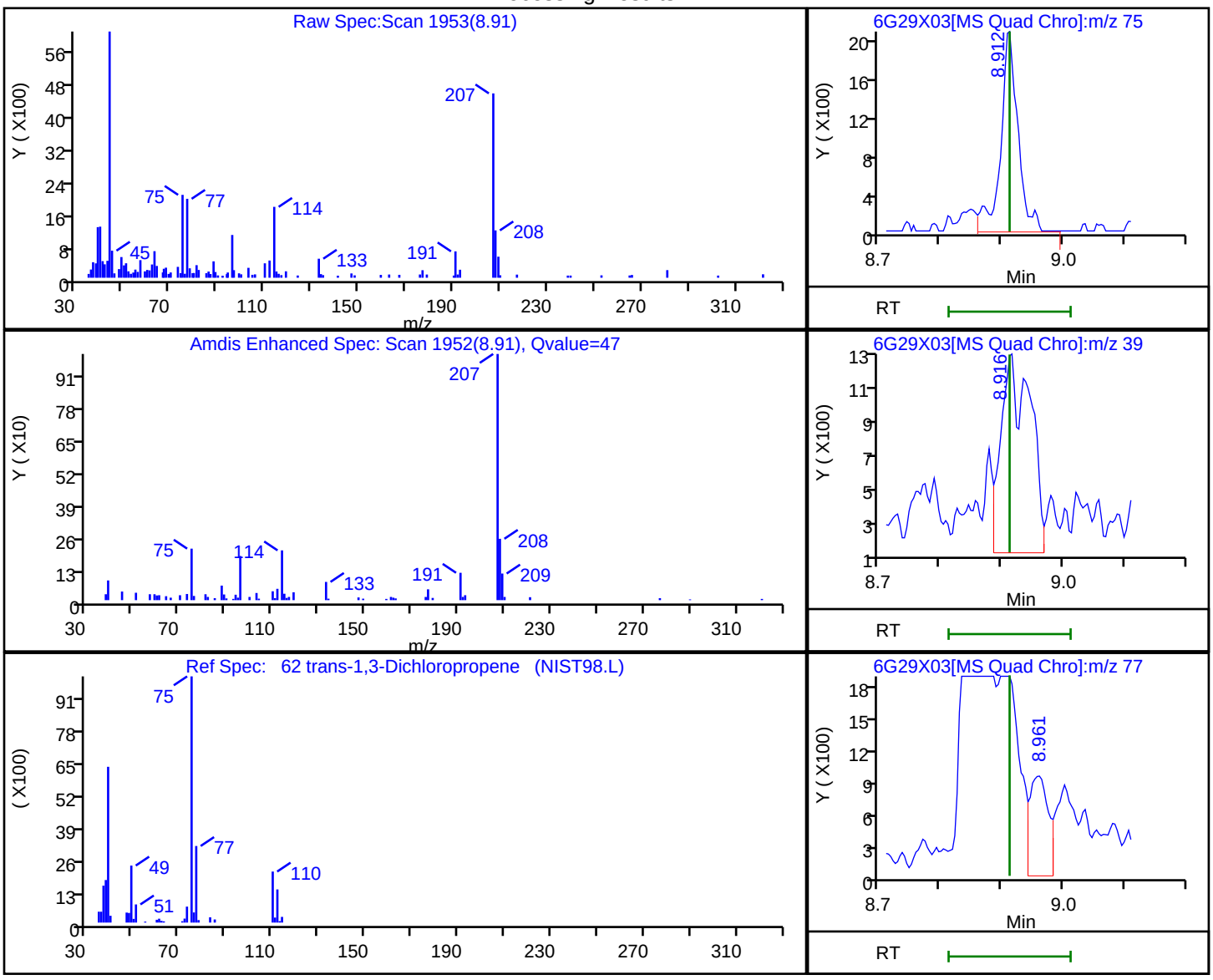
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.91 | 75.00 | 3990 | 0.031049 |
| 8.92 | 39.00 | 3723 | |
| 8.96 | 77.00 | 1911 | |

Reviewer: D7UM, 03-Sep-2025 12:43:56 -04:00:00 (UTC)

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

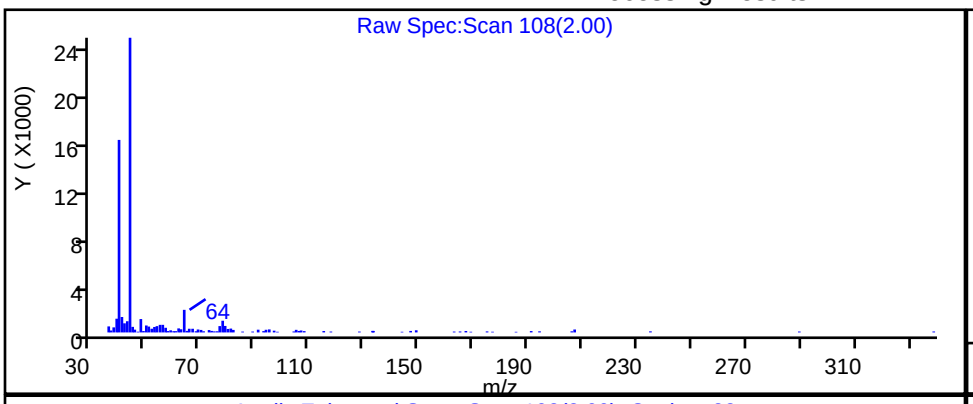
User Disabled Compound Report

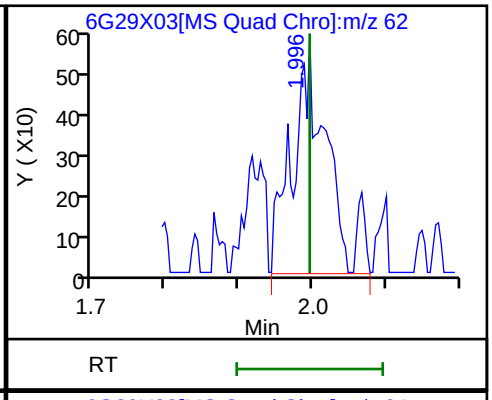
Eurofins Lancaster Laboratories Environment Testing, LLC

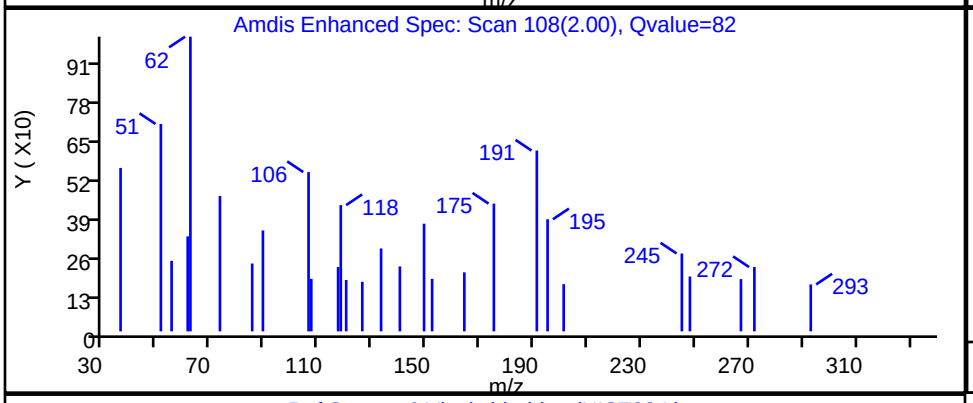
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X03.D | | | | |
| Injection Date: | 29-Aug-2025 20:42:41 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.025 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

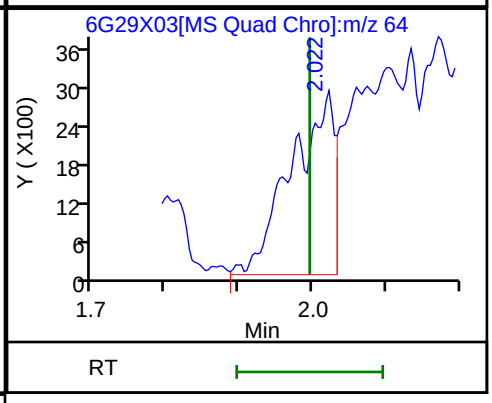
## 6 Vinyl chloride, CAS: 75-01-4

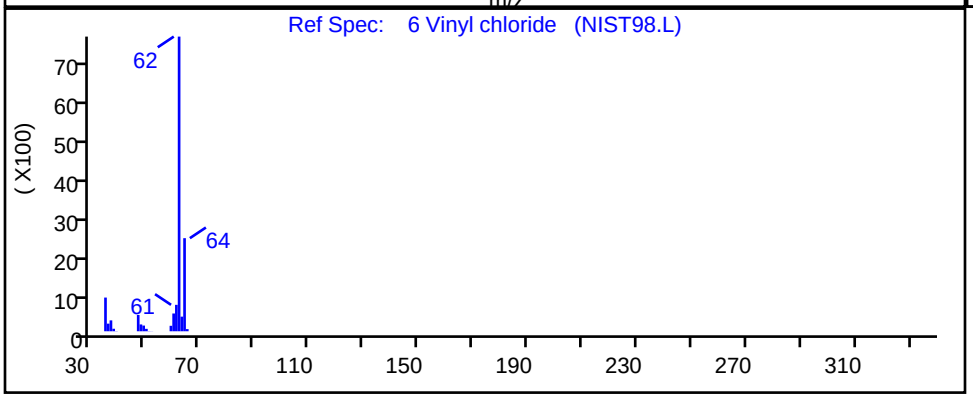
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.00 | 62.00 | 1909 | 0.025945 |
| 2.02 | 64.00 | 11619 | |

Reviewer: D7UM, 03-Sep-2025 12:40:07 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D
Lims ID: IC CAL 0.05 PPB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Aug-2025 21:08:13 ALS Bottle#: 8 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.05 PPB
Misc. Info.: 410-0158236-004
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:36:58 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 13:41:14

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.632 | 1.632 | 0.000 | 57 | 3863 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.655 | 1.666 | -0.011 | 85 | 7579 | 0.0500 | 0.0496 | |
| 3 Chlorodifluoromethane | 51 | 1.696 | 1.703 | -0.007 | 95 | 6079 | 0.0500 | 0.0542 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.786 | 1.786 | 0.000 | 97 | 7943 | 0.0500 | 0.0463 | |
| 6 Vinyl chloride | 62 | 1.992 | 1.996 | -0.004 | 85 | 4065 | 0.0500 | 0.0559 | M |
| 7 Butadiene | 54 | 2.022 | 2.014 | 0.008 | 72 | 3072 | 0.0500 | 0.0523 | M |
| 10 Vinyl bromide | 106 | 2.708 | 2.708 | 0.000 | 94 | 3050 | 0.0500 | 0.0523 | |
| 12 Trichlorofluoromethane | 101 | 2.753 | 2.753 | 0.000 | 94 | 7133 | 0.0500 | 0.0466 | |
| 13 Dichlorofluoromethane | 67 | 2.753 | 2.760 | -0.007 | 95 | 8298 | NC | NC | |
| 11 Pentane | 43 | 2.809 | 2.817 | -0.008 | 89 | 6000 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.311 | 3.323 | -0.012 | 83 | 3823 | 0.0500 | 0.0522 | |
| 19 Acrolein | 56 | 3.323 | 3.323 | 0.000 | 65 | 2584 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.353 | 0.000 | 92 | 4937 | 0.0500 | 0.0465 | |
| 23 Acetone | 43 | 3.484 | 3.495 | -0.011 | 98 | 22936 | 0.0500 | 0.1736 | |
| 18 Iodomethane | 142 | 3.540 | 3.544 | -0.004 | 99 | 5660 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.566 | 3.574 | -0.008 | 98 | 10882 | 0.0500 | 0.0524 | |
| 20 Isopropyl alcohol | 45 | 3.634 | 3.645 | -0.011 | 99 | 12401 | 0.0500 | 0.0707 | |
| 21 3-Chloro-1-propene | 41 | 3.780 | 3.791 | -0.011 | 91 | 5330 | 0.0500 | 0.0499 | |
| 22 Methylene Chloride | 84 | 3.967 | 3.964 | 0.003 | 93 | 2995 | 0.0500 | 0.0510 | |
| 27 2-Methyl-2-propanol | 59 | 4.072 | 4.084 | -0.012 | 98 | 9635 | 0.0570 | 0.0595 | |
| 26 Methyl tert-butyl ether | 73 | 4.189 | 4.185 | 0.004 | 94 | 11435 | 0.0500 | 0.0552 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.196 | 4.204 | -0.008 | 90 | 5307 | 0.0500 | 0.0492 | |
| 31 Acrylonitrile | 53 | 4.312 | 4.316 | -0.004 | 84 | 3614 | NC | NC | |
| 25 Hexane | 56 | 4.402 | 4.406 | -0.004 | 91 | 4590 | 0.0500 | 0.0684 | |
| 29 Isopropyl ether | 45 | 4.691 | 4.698 | -0.007 | 99 | 15859 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.713 | 4.717 | -0.004 | 94 | 5724 | 0.0500 | 0.0453 | |
| 33 Vinyl acetate | 86 | 4.747 | 4.758 | -0.011 | 97 | 1167 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.088 | 5.096 | -0.008 | 99 | 12237 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.358 | 5.366 | -0.008 | 84 | 4995 | 0.0500 | 0.0509 | |
| 43 2-Butanone (MEK) | 72 | 5.399 | 5.403 | -0.004 | 97 | 2038 | 0.0500 | 0.0508 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 38 Ethyl acetate | 70 | 5.426 | 5.418 | 0.008 | 97 | 1406 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.471 | 5.474 | -0.003 | 96 | 8109 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.639 | -0.003 | 91 | 556490 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.711 | 5.714 | -0.003 | 95 | 6052 | 0.0500 | 0.0455 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 93 | 7148 | 0.0500 | 0.0537 | |
| 42 1,1,1-Trichloroethane | 97 | 5.857 | 5.864 | -0.007 | 94 | 7291 | 0.0500 | 0.0538 | |
| 40 Carbon tetrachloride | 117 | 5.996 | 5.999 | -0.003 | 94 | 6550 | 0.0500 | 0.0534 | |
| 44 Isooctane | 57 | 6.250 | 6.250 | 0.000 | 94 | 17933 | 0.0500 | 0.0488 | |
| 46 Benzene | 78 | 6.269 | 6.273 | -0.004 | 88 | 11464 | 0.0500 | 0.0543 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.307 | -0.004 | 0 | 978216 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.378 | 6.374 | 0.004 | 93 | 10906 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.393 | -0.004 | 96 | 5630 | 0.0500 | 0.0562 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 93 | 4266 | 0.0500 | 0.0515 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2355469 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 93 | 4135 | 0.0500 | 0.0527 | |
| 52 Ethyl acrylate | 55 | 7.184 | 7.184 | 0.000 | 98 | 10378 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.345 | 7.345 | 0.000 | 91 | 5502 | 0.0500 | 0.0583 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.454 | -0.004 | 88 | 4685 | 0.0500 | 0.0533 | |
| 56 1,4-Dioxane | 88 | 7.480 | 7.476 | 0.004 | 86 | 3254 | 0.0500 | 0.0631 | |
| 51 Dibromomethane | 174 | 7.491 | 7.491 | 0.000 | 91 | 4592 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 93 | 7116 | 0.0500 | 0.0478 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.215 | 8.215 | 0.000 | 94 | 7074 | 0.0500 | 0.0510 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 95 | 10380 | 0.0500 | 0.0497 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2825195 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 97 | 13722 | 0.0500 | 0.0525 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 89 | 12089 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 82 | 6269 | 0.0500 | 0.0547 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 88 | 7149 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 91 | 4204 | 0.0500 | 0.0491 | |
| 61 Tetrachloroethene | 166 | 9.129 | 9.133 | -0.004 | 92 | 6972 | 0.0500 | 0.0604 | |
| 67 2-Hexanone | 43 | 9.336 | 9.336 | 0.000 | 97 | 11392 | 0.0500 | 0.0560 | |
| 65 Chlorodibromomethane | 127 | 9.463 | 9.467 | -0.004 | 90 | 4782 | 0.0500 | 0.0483 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 94 | 6566 | 0.0500 | 0.0535 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2424802 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 87 | 9473 | 0.0500 | 0.0502 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 98 | 17730 | 0.0500 | 0.0532 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 89 | 4386 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 95 | 26862 | 0.1000 | 0.1065 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 97 | 13595 | 0.0500 | 0.0510 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 94 | 10344 | 0.0500 | 0.0559 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 87 | 5157 | 0.0500 | 0.0461 | |
| 76 Isopropylbenzene | 105 | 10.753 | 10.756 | -0.003 | 97 | 18717 | 0.0500 | 0.0555 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 96 | 5653 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 93 | 10416 | 0.0500 | 0.0525 | M |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 99 | 5054 | 0.0500 | 0.0551 | |
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 88 | 3303 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 97 | 17085 | 0.0500 | 0.0531 | |
| 81 2-Chlorotoluene | 126 | 11.142 | 11.139 | 0.003 | 94 | 4048 | 0.0500 | 0.0502 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 92 | 15548 | 0.0500 | 0.0548 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 7258 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 95 | 12244 | 0.0500 | 0.0487 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.439 | 11.439 | 0.001 | 97 | 15205 | 0.0500 | 0.0531 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 sec-Butylbenzene | 105 | 11.540 | 11.540 | 0.000 | 96 | 20877 | 0.0500 | 0.0514 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 19216 | 0.0500 | 0.0572 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 93 | 8543 | 0.0500 | 0.0500 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 9335 | 0.0500 | 0.0534 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 98 | 3109 | 0.0500 | 0.0619 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 98 | 9463 | 0.0500 | 0.0508 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 89 | 8739 | 0.0500 | 0.0527 | |
| 93 Hexachloroethane | 117 | 12.087 | 12.083 | 0.004 | 90 | 4111 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 76 | 4811 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.979 | 12.983 | -0.004 | 92 | 8412 | 0.0500 | 0.0608 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 92 | 6864 | 0.0500 | 0.0650 | |
| 98 Naphthalene | 128 | 13.182 | 13.178 | 0.004 | 97 | 24491 | 0.0500 | 0.0716 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 10302 | 0.1000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.1000 | 0.1058 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 40457 | 0.1500 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00150 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:00 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D

Injection Date: 29-Aug-2025 21:08:13 Instrument ID: HP26379

Lims ID: IC CAL 0.05 PPB

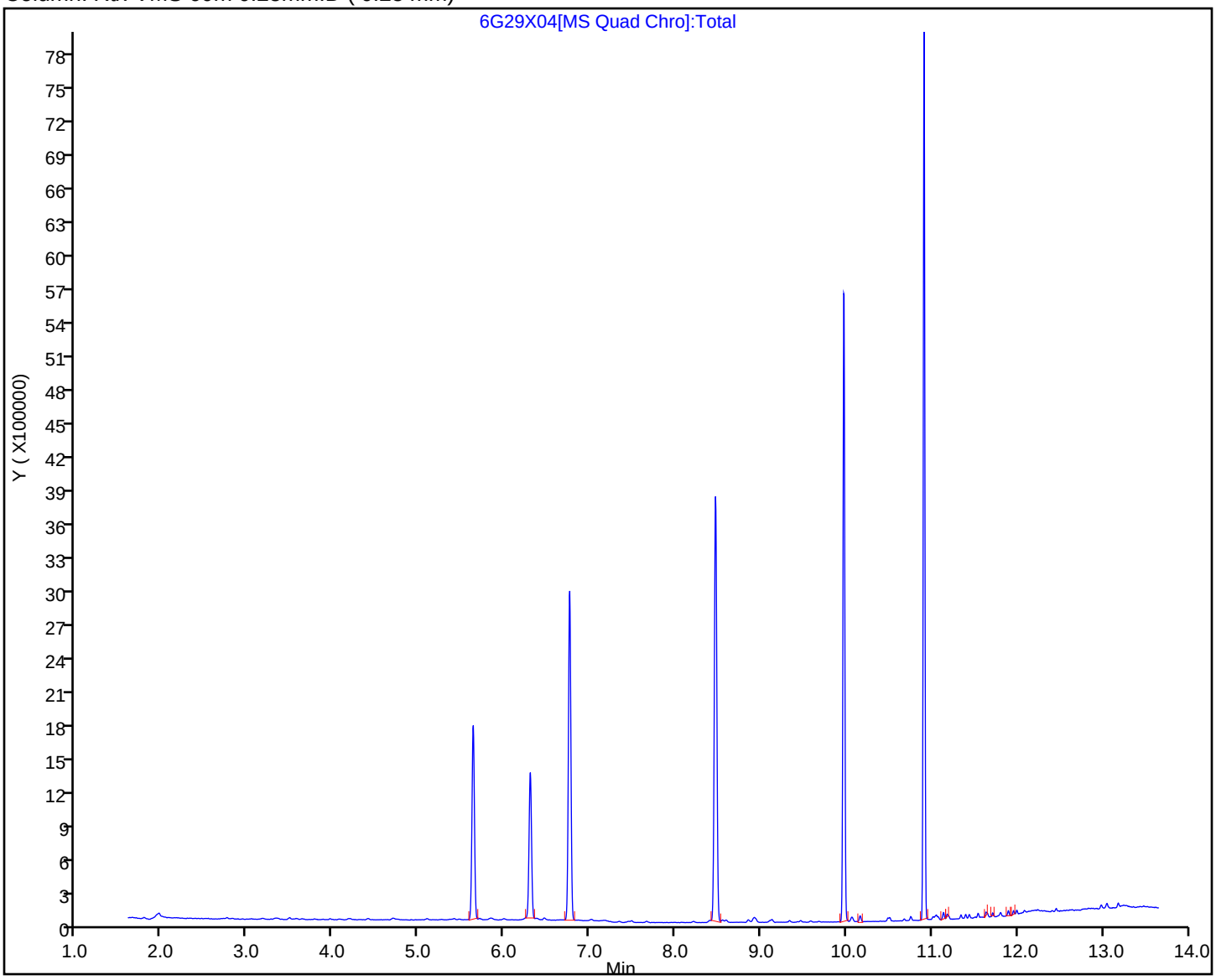
Client ID:

Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

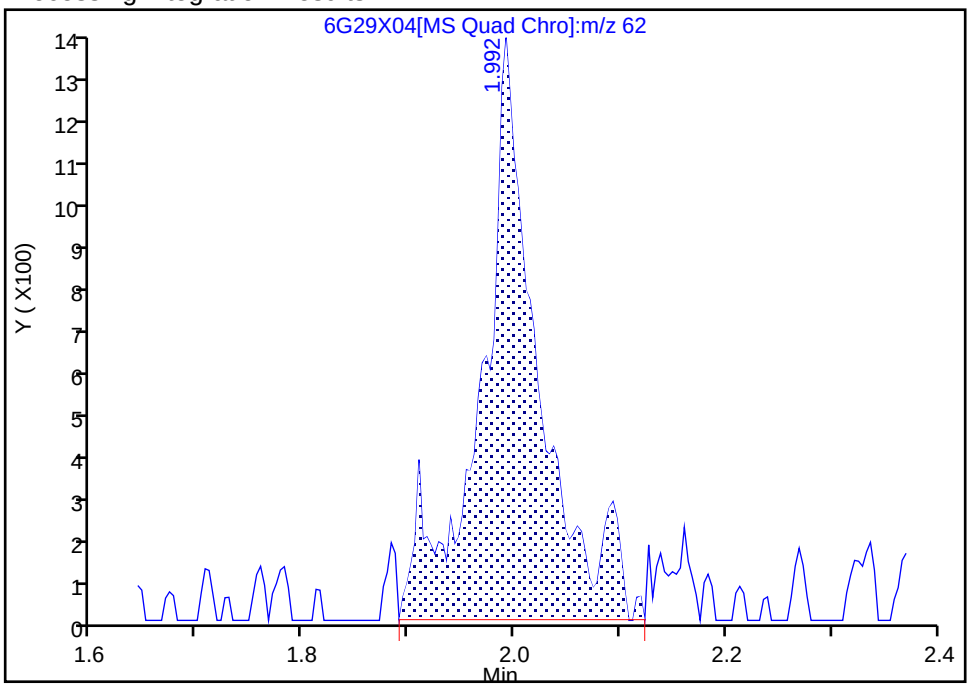
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 6 Vinyl chloride, CAS: 75-01-4

Signal: 1

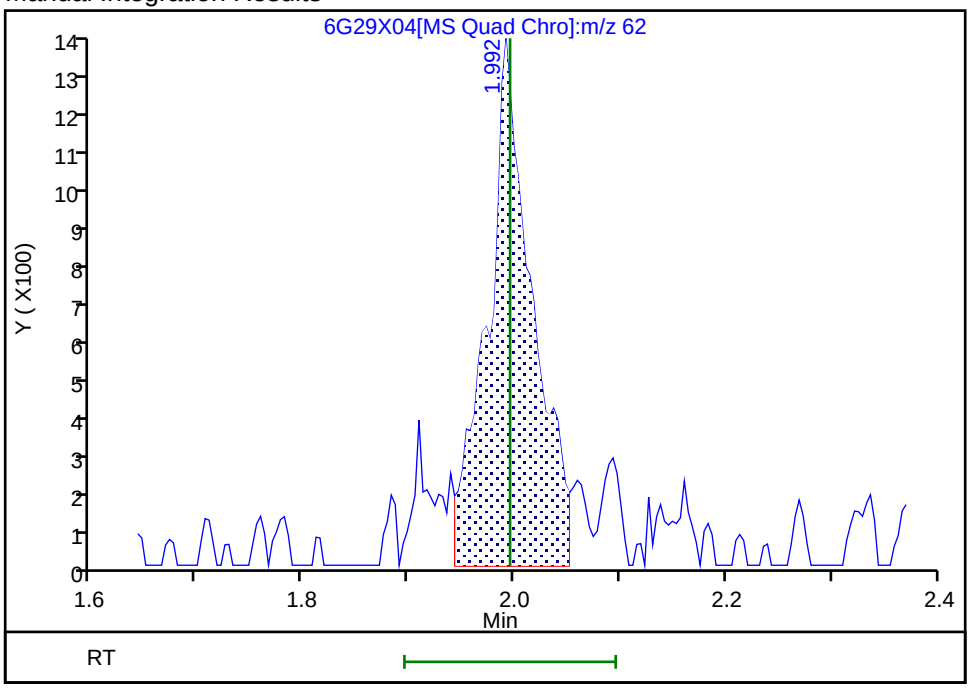
Processing Integration Results

RT: 1.99
Area: 5211
Amount: 0.068573
Amount Units: ppb v/v




Manual Integration Results

RT: 1.99
Area: 4065
Amount: 0.055901
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:42:03 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

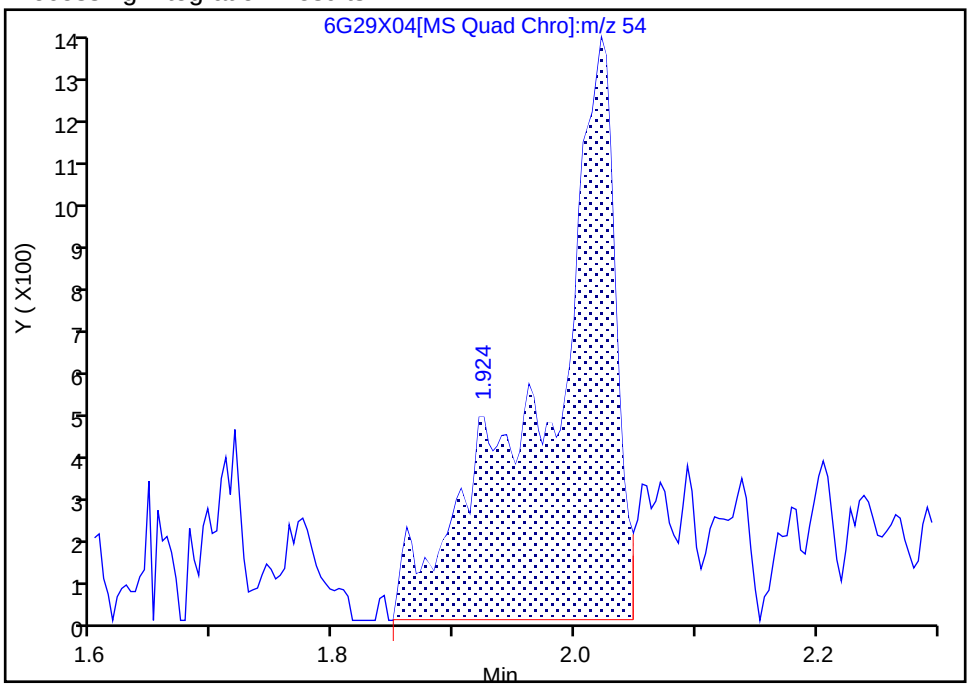
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

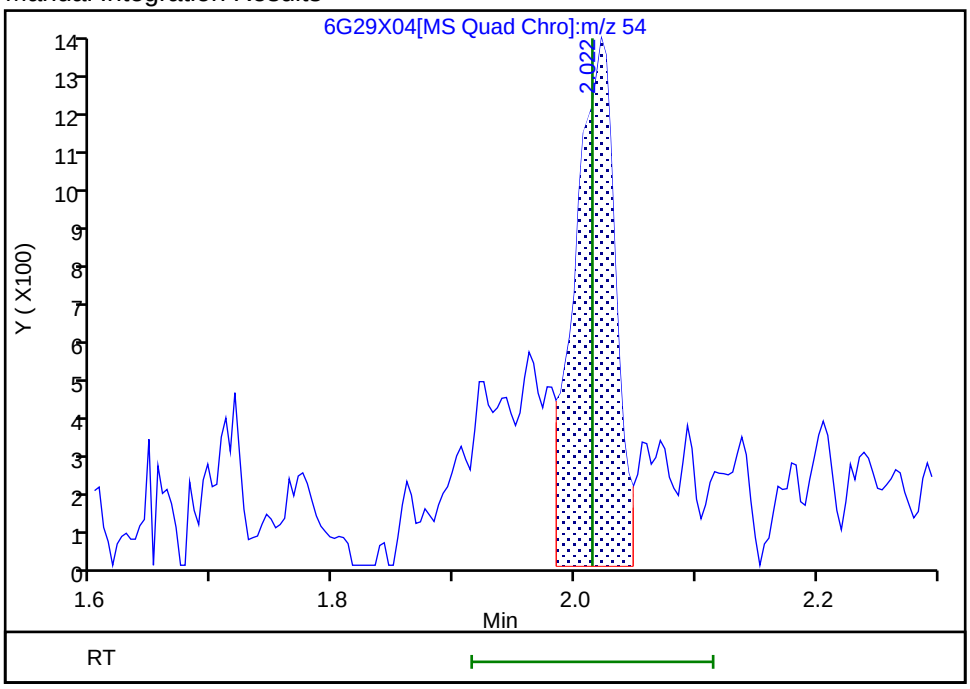
Processing Integration Results

RT: 1.92
Area: 5541
Amount: 0.064219
Amount Units: ppb v/v




Manual Integration Results

RT: 2.02
Area: 3072
Amount: 0.052262
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:42:11 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

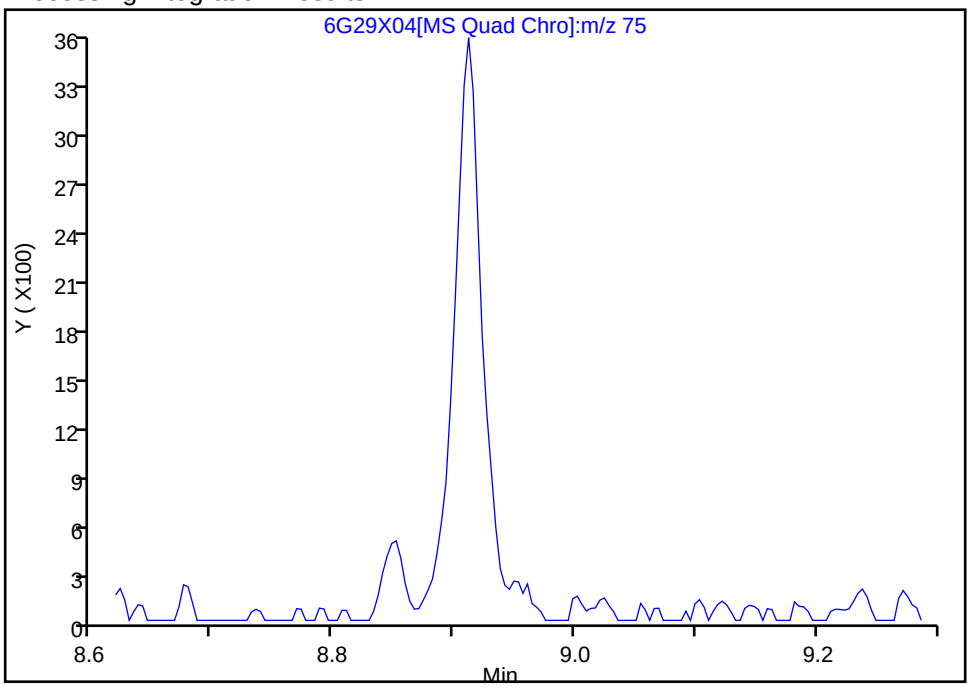
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

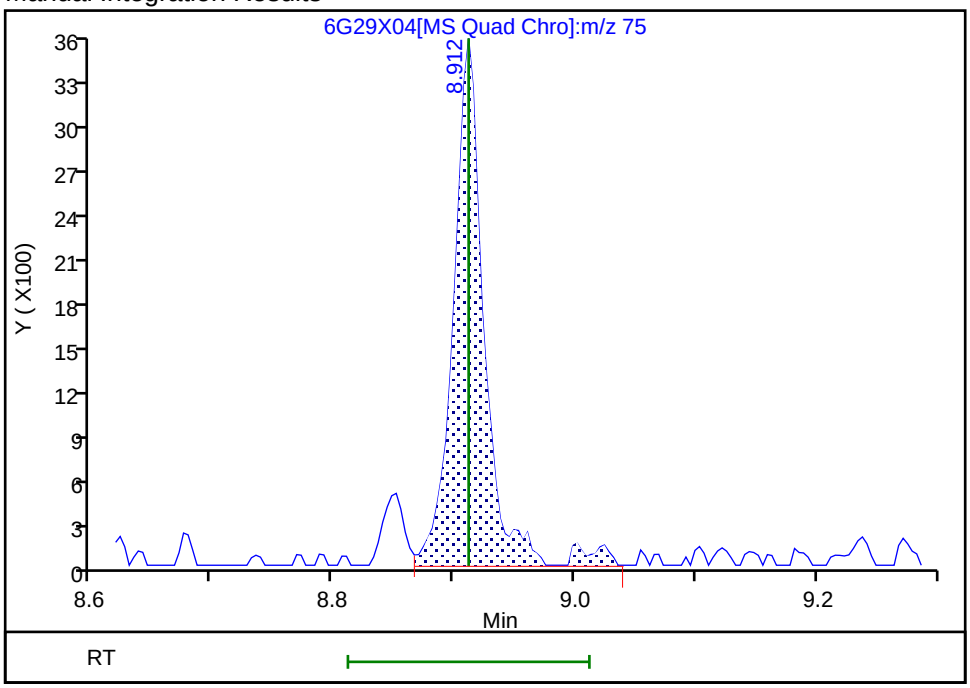
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.91
Area: 6269
Amount: 0.054747
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:45:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

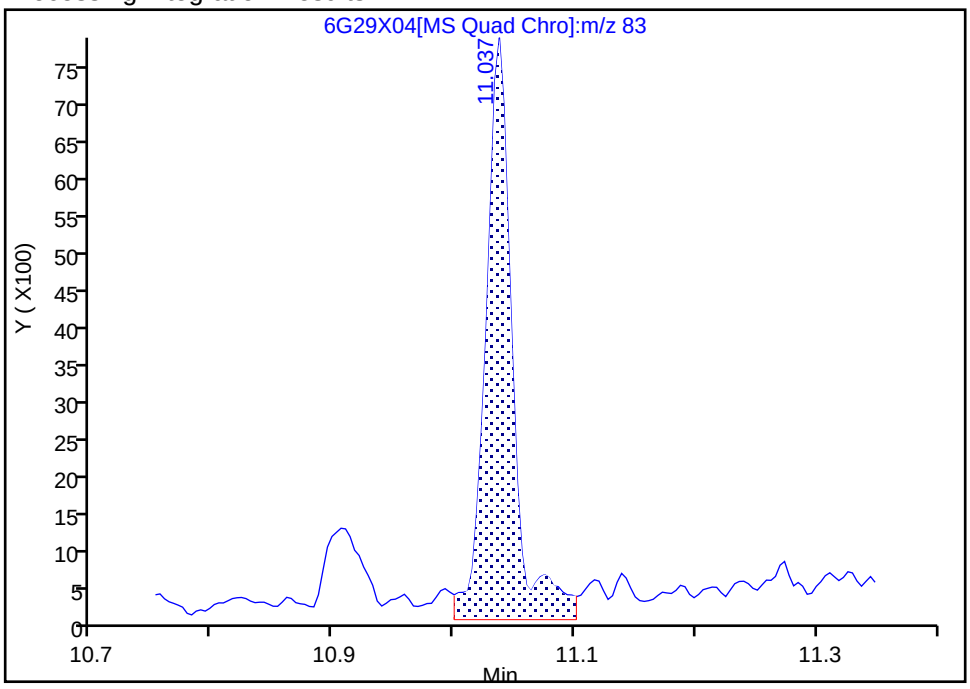
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

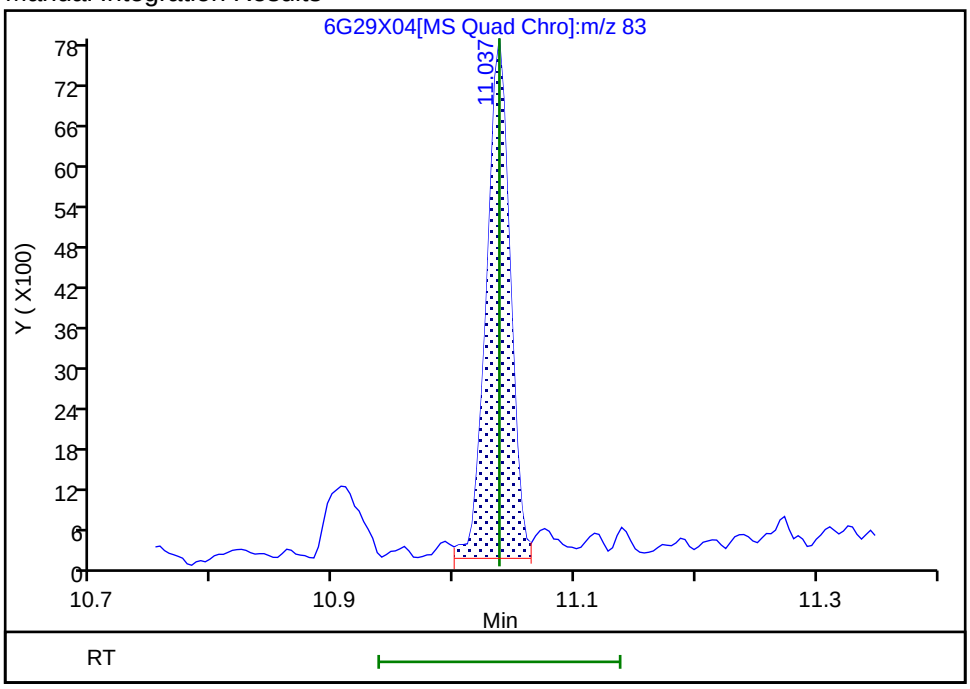
Processing Integration Results

RT: 11.04
Area: 12173
Amount: 0.059591
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 10416
Amount: 0.052471
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:46:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

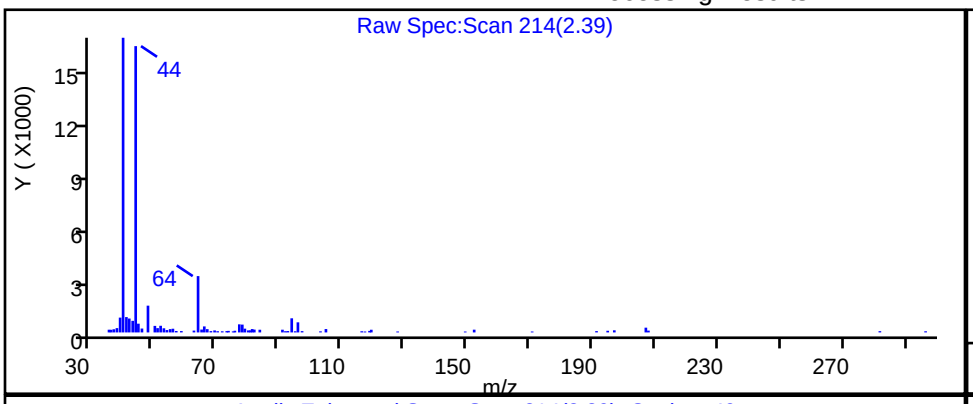
User Disabled Compound Report

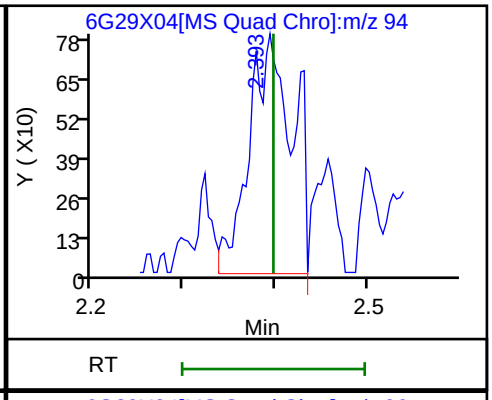
Eurofins Lancaster Laboratories Environment Testing, LLC

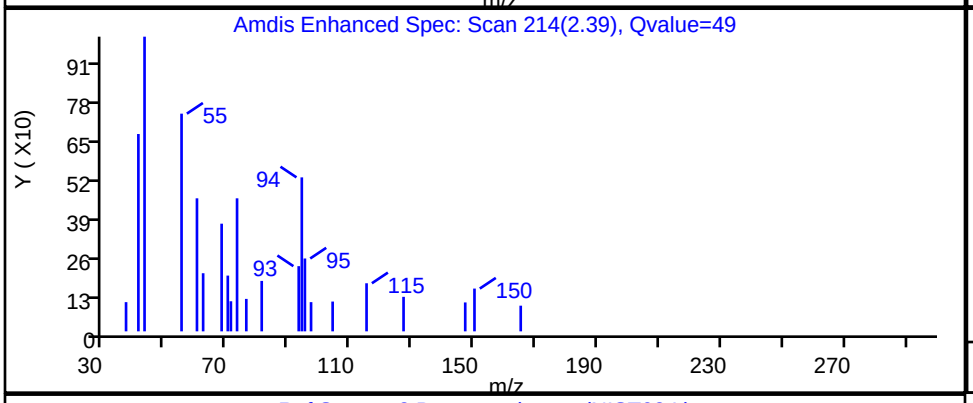
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

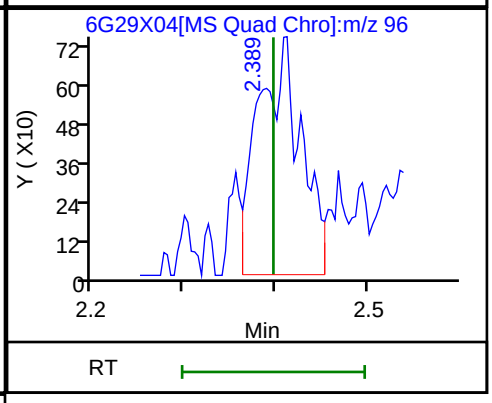
## 8 Bromomethane, CAS: 74-83-9

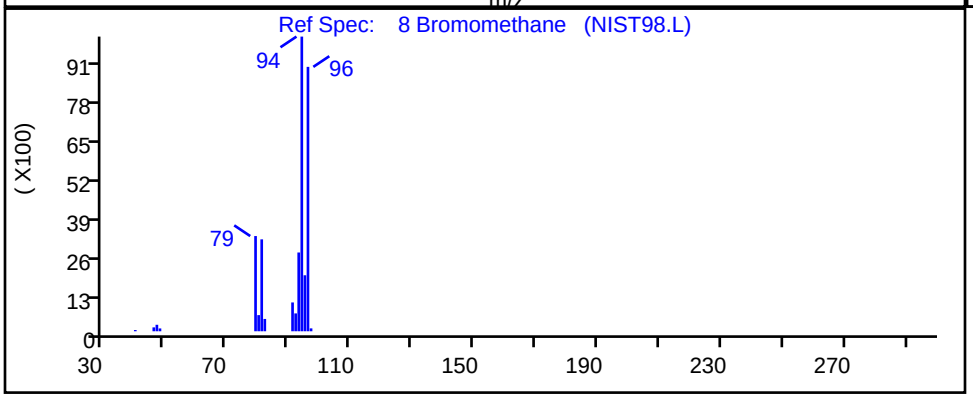
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.39 | 94.00 | 2611 | 0.055615 |
| 2.39 | 96.00 | 2412 | |

Reviewer: D7UM, 03-Sep-2025 13:42:19 -04:00:00 (UTC)

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

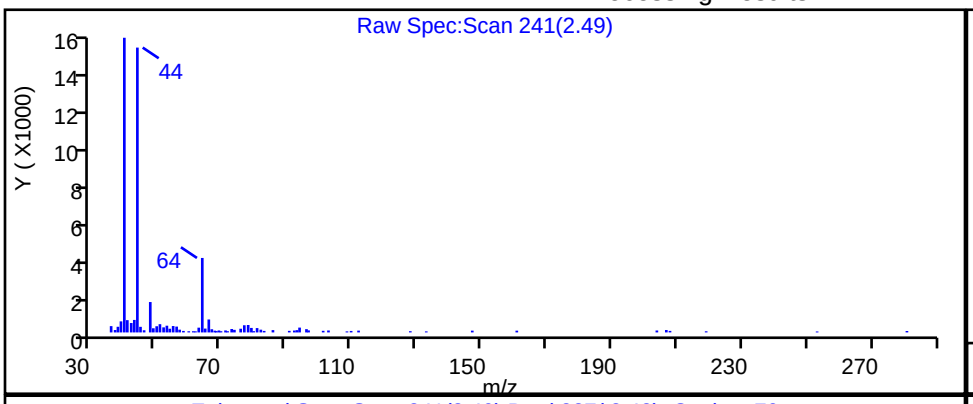
User Disabled Compound Report

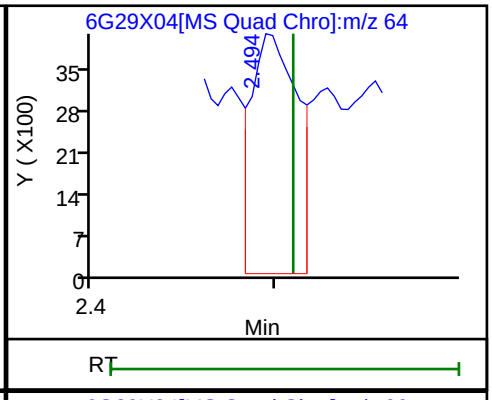
Eurofins Lancaster Laboratories Environment Testing, LLC

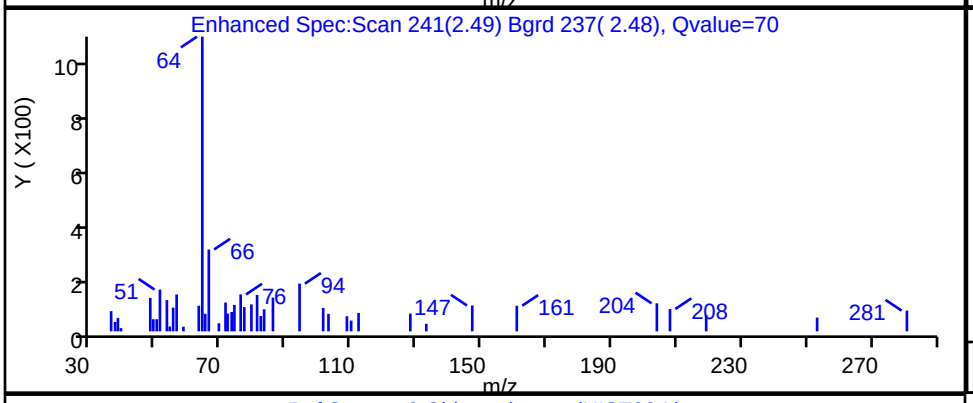
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

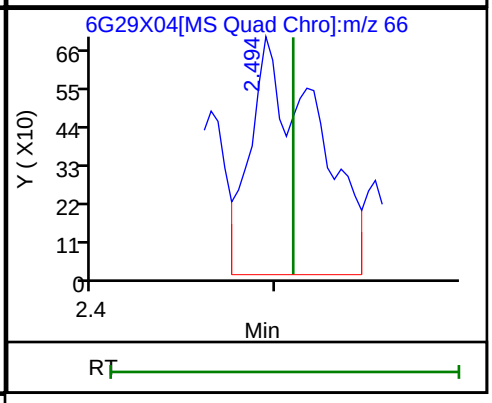
## 9 Chloroethane, CAS: 75-00-3

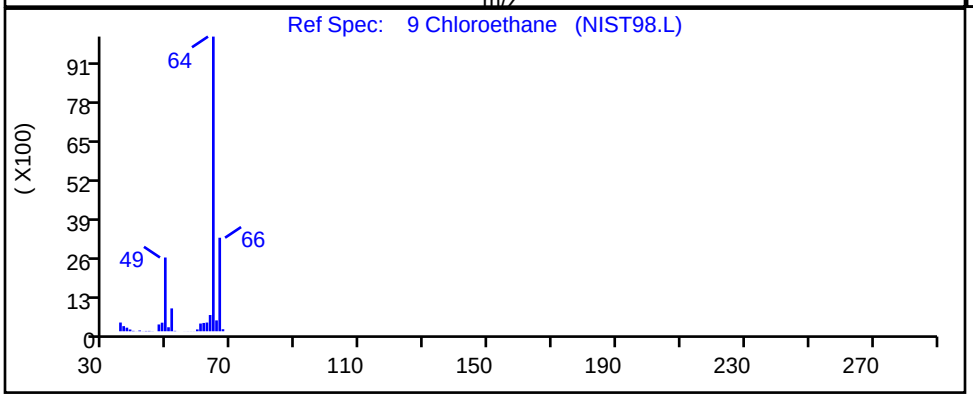
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.49 | 64.00 | 6853 | 0.099346 |
| 2.49 | 66.00 | 1764 | |

Reviewer: D7UM, 03-Sep-2025 13:42:28 -04:00:00 (UTC)

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

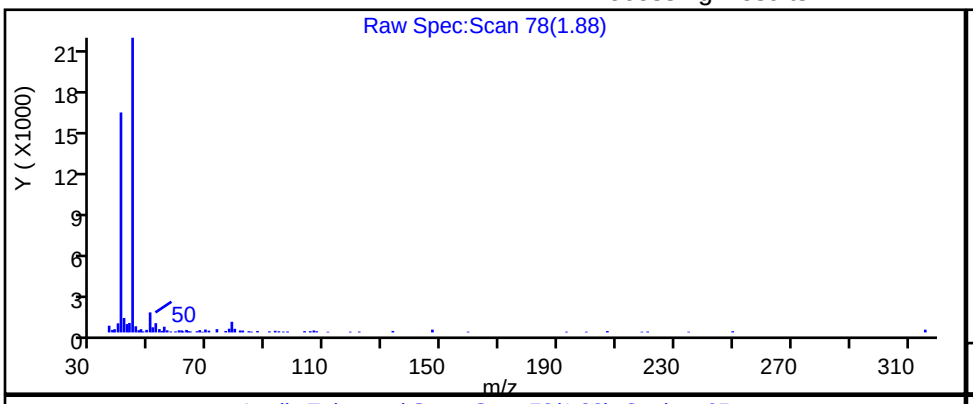
User Disabled Compound Report

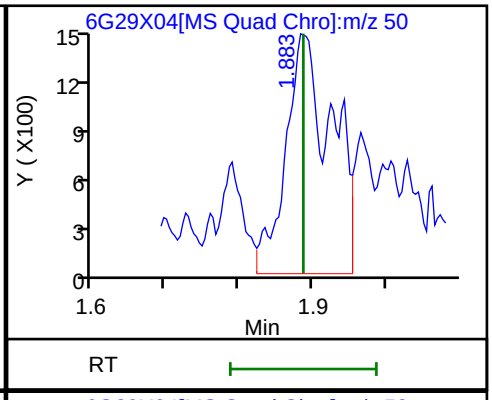
Eurofins Lancaster Laboratories Environment Testing, LLC

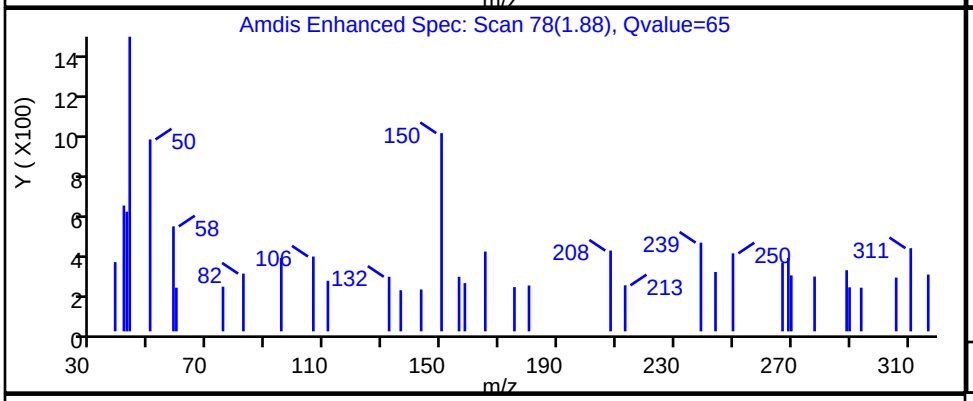
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

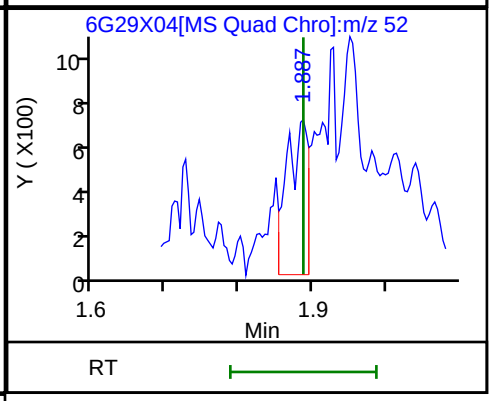
## 5 Chloromethane, CAS: 74-87-3

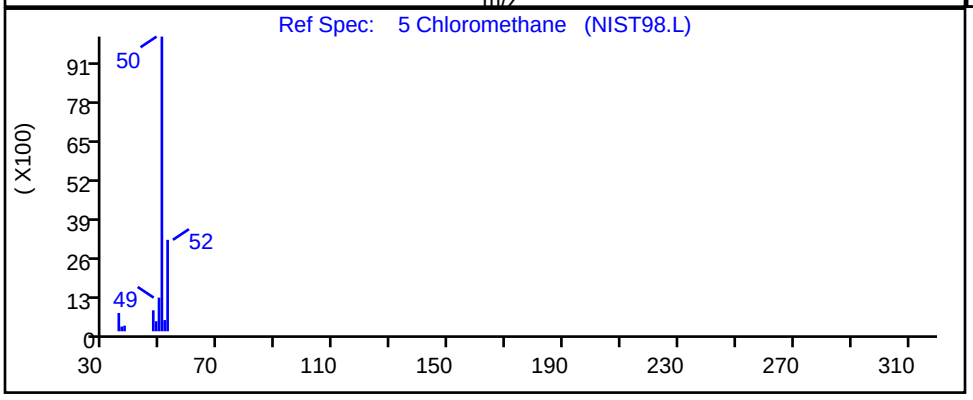
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.88 | 50.00 | 6468 | 0.087781 |
| 1.89 | 52.00 | 1305 | |

Reviewer: D7UM, 03-Sep-2025 13:41:52 -04:00:00 (UTC)

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

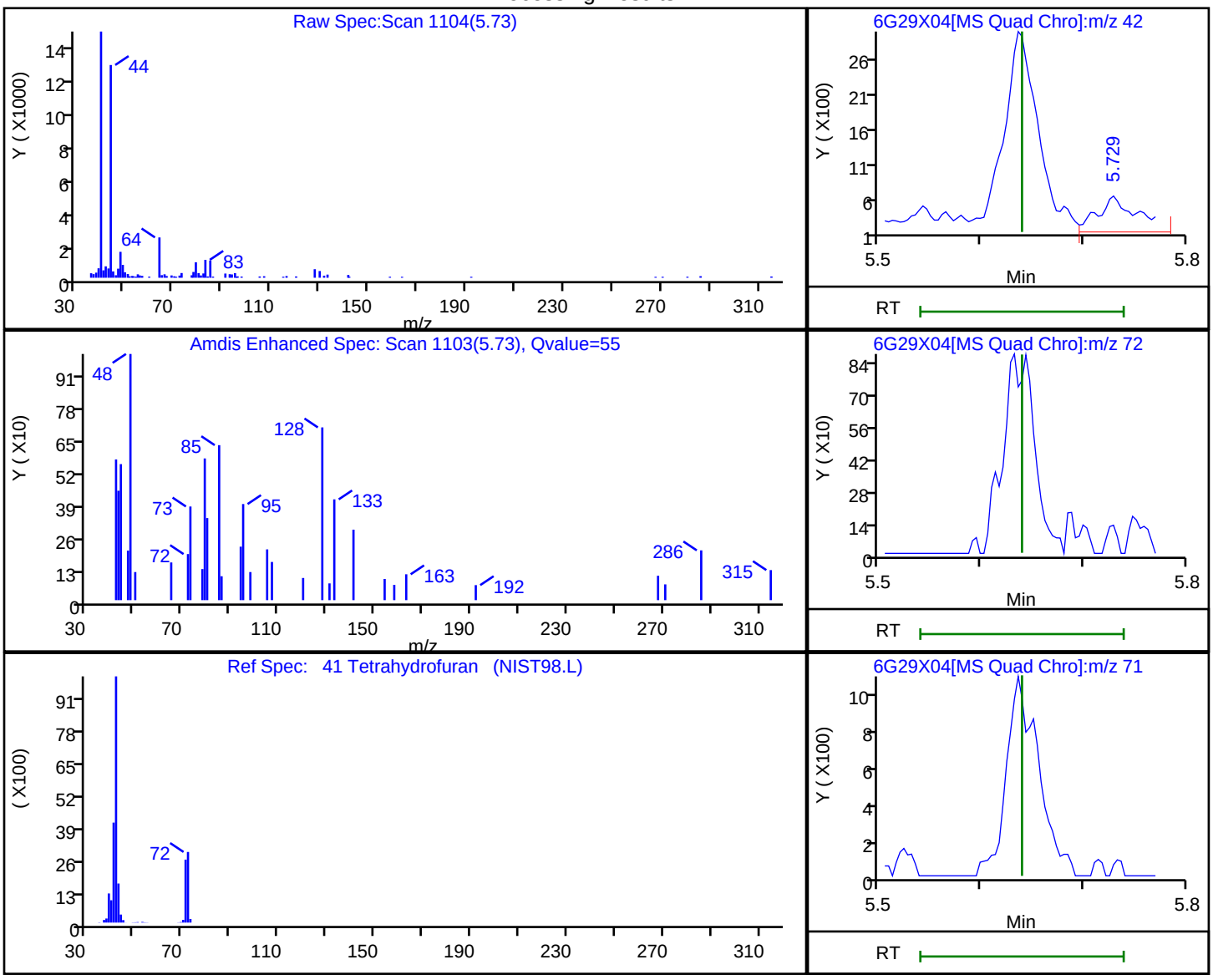
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X04.D | | | | |
| Injection Date: | 29-Aug-2025 21:08:13 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.05 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 42.00 | 1331 | 0.015586 |
| 5.64 | 72.00 | 0 | |
| 5.64 | 71.00 | 0 | |

Reviewer: D7UM, 03-Sep-2025 13:44:59 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D
Lims ID: IC CAL 0.2 PPB
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Aug-2025 21:34:24 ALS Bottle#: 8 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.2 PPB
Misc. Info.: 410-0158236-005
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:03 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 13:53:30

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.636 | 1.632 | 0.004 | 81 | 13490 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.662 | 1.666 | -0.004 | 99 | 33122 | 0.2000 | 0.2082 | |
| 3 Chlorodifluoromethane | 51 | 1.700 | 1.703 | -0.003 | 97 | 22756 | 0.2000 | 0.1952 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.786 | 1.786 | 0.000 | 96 | 34532 | 0.2000 | 0.1933 | |
| 5 Chloromethane | 50 | 1.883 | 1.887 | -0.004 | 99 | 17817 | 0.2000 | 0.2828 | |
| 124 Butane | 43 | 1.947 | 1.951 | -0.004 | 98 | 29077 | 0.2000 | 0.2534 | M |
| 6 Vinyl chloride | 62 | 1.992 | 1.996 | -0.004 | 95 | 16265 | 0.2000 | 0.2150 | |
| 7 Butadiene | 54 | 2.011 | 2.014 | -0.003 | 89 | 14922 | 0.2000 | 0.2440 | M |
| 8 Bromomethane | 94 | 2.389 | 2.397 | -0.008 | 85 | 9821 | 0.2000 | 0.2110 | |
| 9 Chloroethane | 64 | 2.502 | 2.509 | -0.007 | 87 | 9982 | 0.2000 | 0.2445 | M |
| 10 Vinyl bromide | 106 | 2.704 | 2.708 | -0.004 | 97 | 11803 | 0.2000 | 0.1944 | |
| 12 Trichlorofluoromethane | 101 | 2.749 | 2.753 | -0.004 | 95 | 31017 | 0.2000 | 0.1949 | |
| 13 Dichlorofluoromethane | 67 | 2.760 | 2.760 | 0.000 | 96 | 34770 | NC | NC | |
| 11 Pentane | 43 | 2.813 | 2.817 | -0.004 | 96 | 28004 | NC | NC | M |
| 14 Ethanol | 45 | 3.064 | 3.072 | -0.008 | 74 | 9159 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.323 | 3.323 | 0.000 | 95 | 14241 | 0.2000 | 0.1870 | |
| 19 Acrolein | 56 | 3.319 | 3.323 | -0.004 | 86 | 9277 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.349 | 3.353 | -0.004 | 93 | 21735 | 0.2000 | 0.1970 | |
| 23 Acetone | 43 | 3.495 | 3.495 | 0.000 | 98 | 49016 | 0.2000 | 0.3566 | |
| 18 Iodomethane | 142 | 3.540 | 3.544 | -0.004 | 99 | 27799 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.574 | 0.000 | 100 | 47004 | 0.2000 | 0.2173 | |
| 20 Isopropyl alcohol | 45 | 3.645 | 3.645 | 0.000 | 99 | 38898 | 0.2000 | 0.2130 | |
| 21 3-Chloro-1-propene | 41 | 3.788 | 3.791 | -0.003 | 94 | 21378 | 0.2000 | 0.1925 | |
| 28 Acetonitrile | 41 | 3.889 | 3.893 | -0.003 | 96 | 17435 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.967 | 3.964 | 0.003 | 97 | 13025 | 0.2000 | 0.2132 | |
| 27 2-Methyl-2-propanol | 59 | 4.087 | 4.084 | 0.003 | 98 | 37660 | 0.2280 | 0.2234 | M |
| 26 Methyl tert-butyl ether | 73 | 4.185 | 4.185 | 0.000 | 98 | 42595 | 0.2000 | 0.1976 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.204 | 0.000 | 95 | 21568 | 0.2000 | 0.1924 | |
| 31 Acrylonitrile | 53 | 4.312 | 4.316 | -0.004 | 99 | 14976 | NC | NC | |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 94 | 14428 | 0.2000 | 0.2065 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.702 | 4.698 | 0.004 | 98 | 59441 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.717 | 4.717 | 0.000 | 95 | 26546 | 0.2000 | 0.2019 | |
| 33 Vinyl acetate | 86 | 4.762 | 4.758 | 0.004 | 97 | 3197 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.100 | 5.096 | 0.004 | 99 | 50098 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.366 | 5.366 | 0.000 | 83 | 19480 | 0.2000 | 0.1906 | |
| 43 2-Butanone (MEK) | 72 | 5.403 | 5.403 | 0.000 | 97 | 7489 | 0.2000 | 0.1796 | |
| 38 Ethyl acetate | 70 | 5.414 | 5.418 | -0.004 | 97 | 4589 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.478 | 5.474 | 0.004 | 99 | 29706 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.639 | 5.639 | 0.000 | 62 | 20228 | 0.2000 | 0.2042 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.639 | 5.639 | 0.000 | 91 | 579013 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.711 | 5.714 | -0.003 | 93 | 26571 | 0.2000 | 0.1919 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 93 | 27567 | 0.2000 | 0.1990 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.864 | 0.000 | 92 | 24975 | 0.2000 | 0.1772 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 95 | 23765 | 0.2000 | 0.1863 | |
| 44 Isooctane | 57 | 6.250 | 6.250 | 0.000 | 96 | 80619 | 0.2000 | 0.2066 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 95 | 44929 | 0.2000 | 0.2005 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.307 | -0.004 | 0 | 1037814 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.374 | 6.374 | 0.000 | 98 | 46699 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.393 | 6.393 | 0.000 | 83 | 19399 | 0.2000 | 0.1825 | |
| 45 n-Heptane | 71 | 6.472 | 6.468 | 0.004 | 96 | 16081 | 0.2000 | 0.1830 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2499805 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 94 | 15131 | 0.2000 | 0.1816 | |
| 52 Ethyl acrylate | 55 | 7.184 | 7.184 | 0.000 | 99 | 38186 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.341 | 7.345 | -0.004 | 95 | 18331 | 0.2000 | 0.1830 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.454 | -0.004 | 93 | 16344 | 0.2000 | 0.1752 | |
| 56 1,4-Dioxane | 88 | 7.484 | 7.476 | 0.008 | 97 | 10028 | 0.2000 | 0.1834 | |
| 51 Dibromomethane | 174 | 7.487 | 7.491 | -0.004 | 89 | 14239 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 97 | 29362 | 0.2000 | 0.1857 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.215 | -0.004 | 91 | 26378 | 0.2000 | 0.1793 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 95 | 41007 | 0.2000 | 0.1852 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2936305 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 97 | 47240 | 0.2000 | 0.1757 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 90 | 42104 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.916 | 8.912 | 0.004 | 93 | 24411 | 0.2000 | 0.2074 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 91 | 25232 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 87 | 16041 | 0.2000 | 0.1825 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 92 | 23954 | 0.2000 | 0.2018 | |
| 67 2-Hexanone | 43 | 9.335 | 9.336 | -0.001 | 100 | 41366 | 0.2000 | 0.1979 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 89 | 18567 | 0.2000 | 0.1825 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 98 | 22837 | 0.2000 | 0.1809 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2492288 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 95 | 36131 | 0.2000 | 0.1864 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 65544 | 0.2000 | 0.1913 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 93 | 17105 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 98854 | 0.4000 | 0.3812 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 98 | 48459 | 0.2000 | 0.1767 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 93 | 34157 | 0.2000 | 0.1797 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 93 | 20057 | 0.2000 | 0.1744 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 98 | 63143 | 0.2000 | 0.1823 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 97 | 18984 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 95 | 37725 | 0.2000 | 0.1849 | |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 99 | 17732 | 0.2000 | 0.1880 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 87 | 10645 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 97 | 59866 | 0.2000 | 0.1810 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 94 | 15437 | 0.2000 | 0.1863 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 53328 | 0.2000 | 0.1830 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 26438 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 94 | 47636 | 0.2000 | 0.1844 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.438 | 11.439 | 0.000 | 98 | 53249 | 0.2000 | 0.1810 | |
| 87 sec-Butylbenzene | 105 | 11.543 | 11.540 | 0.003 | 96 | 81290 | 0.2000 | 0.1949 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 63678 | 0.2000 | 0.1844 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 96 | 34282 | 0.2000 | 0.1951 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 32149 | 0.2000 | 0.1789 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 99 | 9337 | 0.2000 | 0.1809 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 35431 | 0.2000 | 0.1850 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 32115 | 0.2000 | 0.1884 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 92 | 13057 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 75 | 18293 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.979 | 12.983 | -0.004 | 92 | 29245 | 0.2000 | 0.2056 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 96 | 22774 | 0.2000 | 0.2098 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 98 | 81576 | 0.2000 | 0.2320 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 41048 | 0.4000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.4000 | 0.3867 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 147313 | 0.6000 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00150 | Amount Added: | 80.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:05 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D

Injection Date: 29-Aug-2025 21:34:24 Instrument ID: HP26379

Lims ID: IC CAL 0.2 PPB

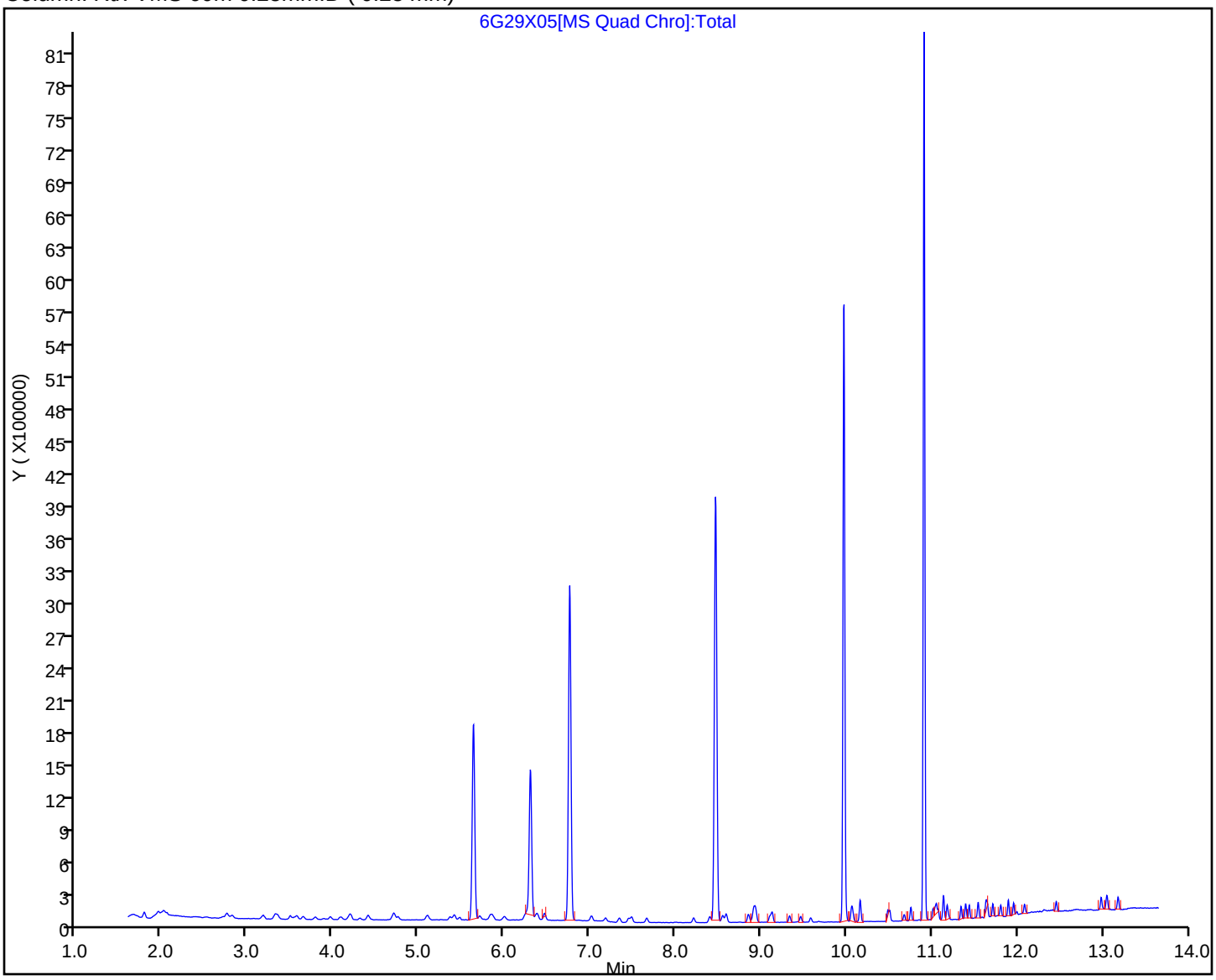
Client ID:

Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 5

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

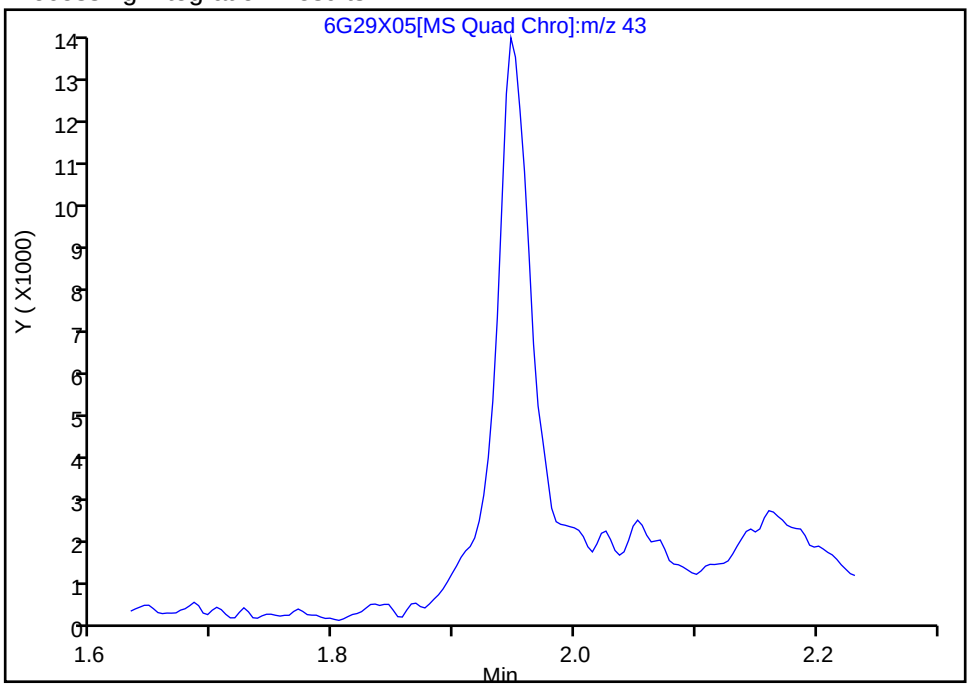
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D | | | | |
| Injection Date: | 29-Aug-2025 21:34:24 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.2 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

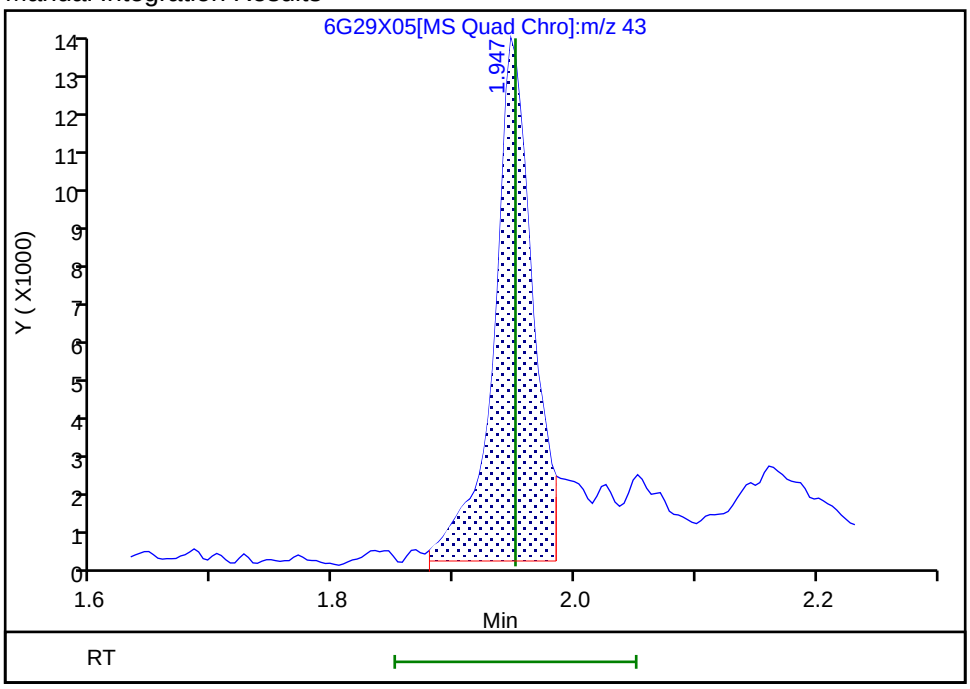
Not Detected
Expected RT: 1.95

Processing Integration Results




Manual Integration Results

RT: 1.95
Area: 29077
Amount: 0.253416
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:07:21 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

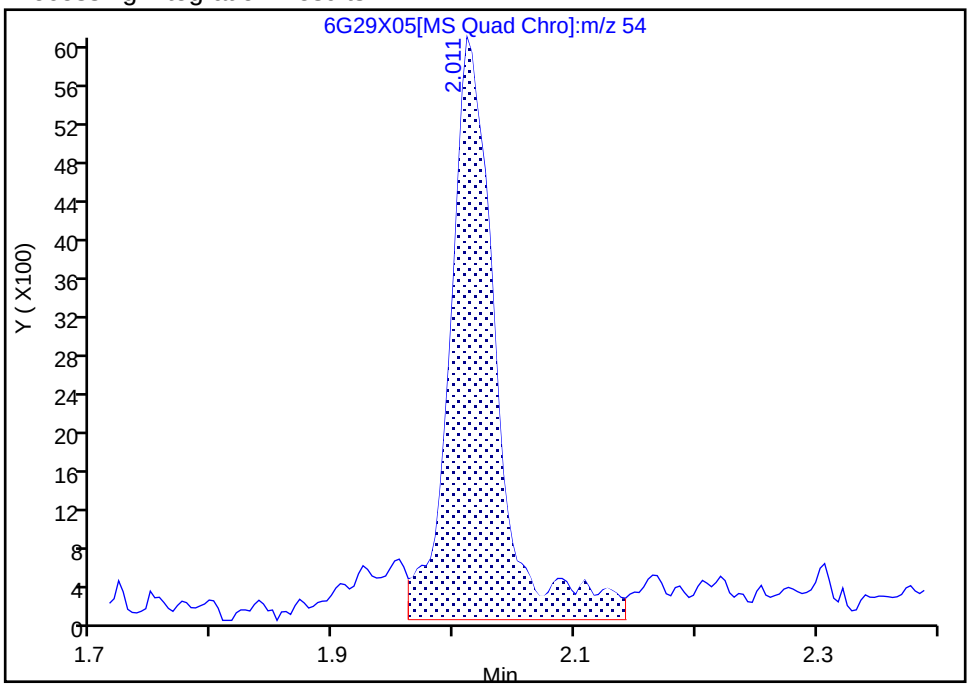
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D | | | | |
| Injection Date: | 29-Aug-2025 21:34:24 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.2 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

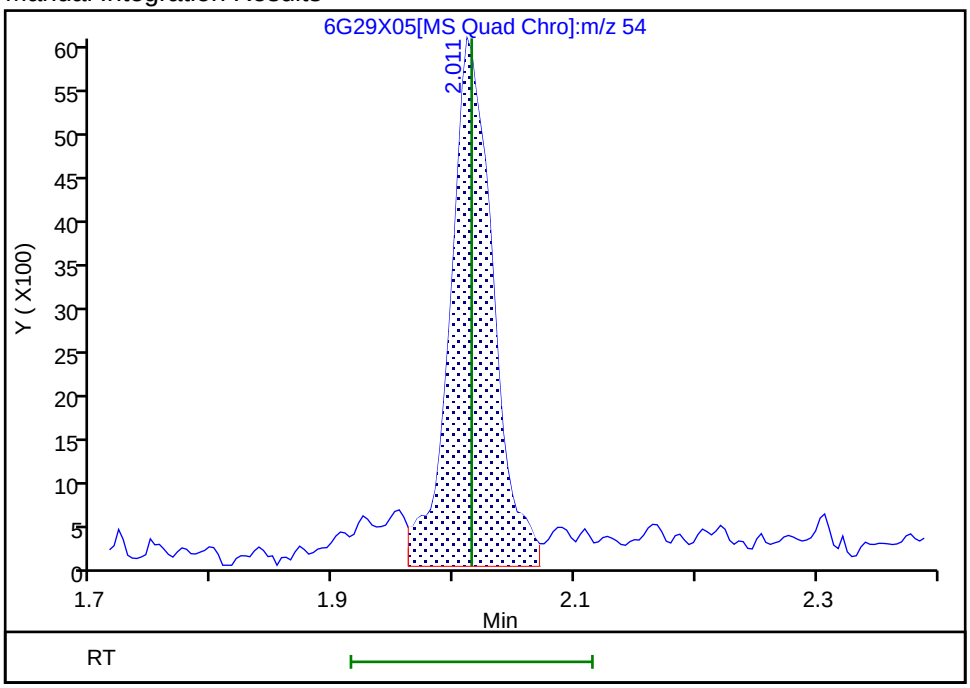
Processing Integration Results

RT: 2.01
Area: 16311
Amount: 0.262437
Amount Units: ppb v/v




Manual Integration Results

RT: 2.01
Area: 14922
Amount: 0.243984
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:47:55 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

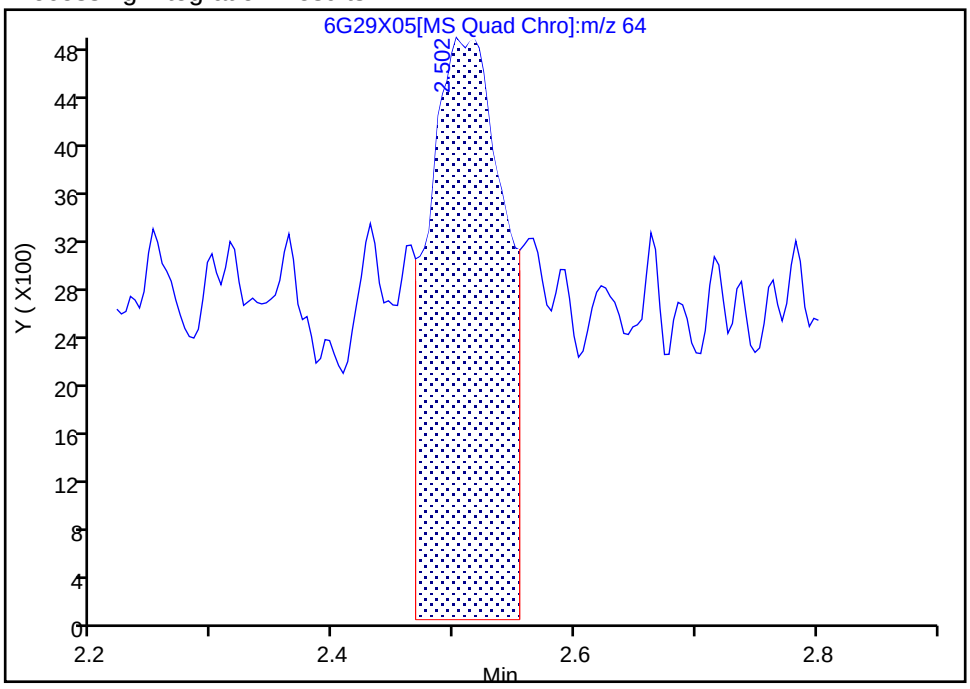
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D | | | | |
| Injection Date: | 29-Aug-2025 21:34:24 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.2 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

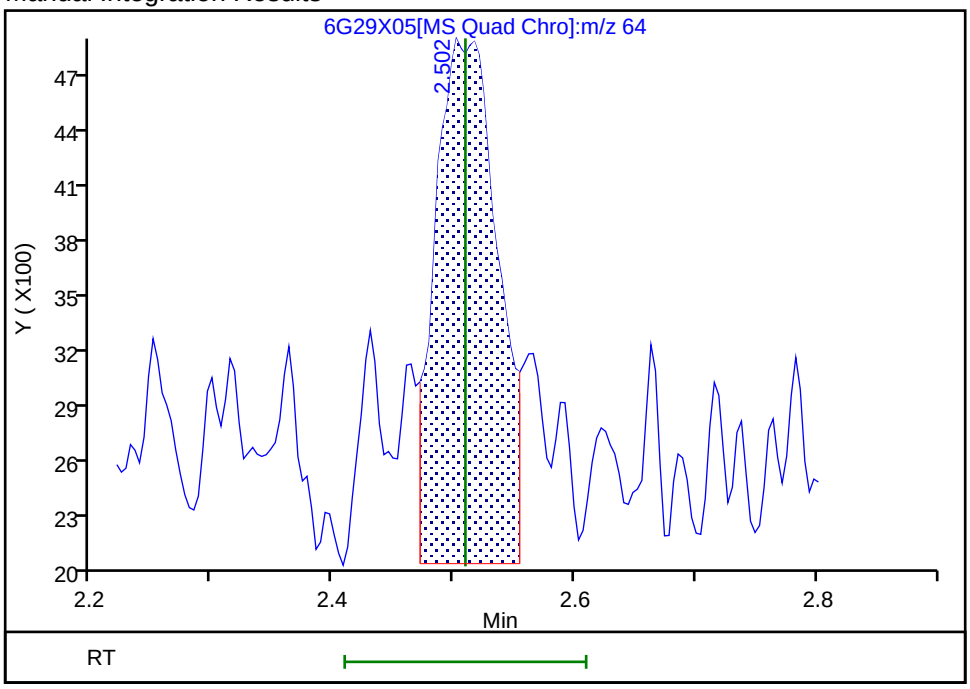
Processing Integration Results

RT: 2.50
Area: 20933
Amount: 0.217308
Amount Units: ppb v/v




Manual Integration Results

RT: 2.50
Area: 9982
Amount: 0.244484
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:48:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

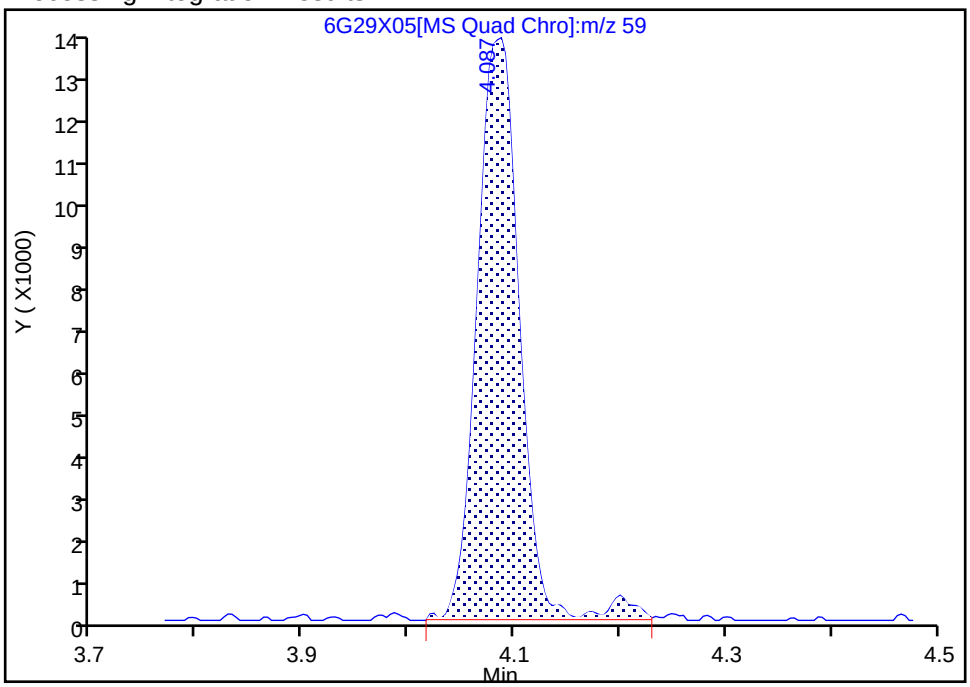
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D | | | | |
| Injection Date: | 29-Aug-2025 21:34:24 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.2 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

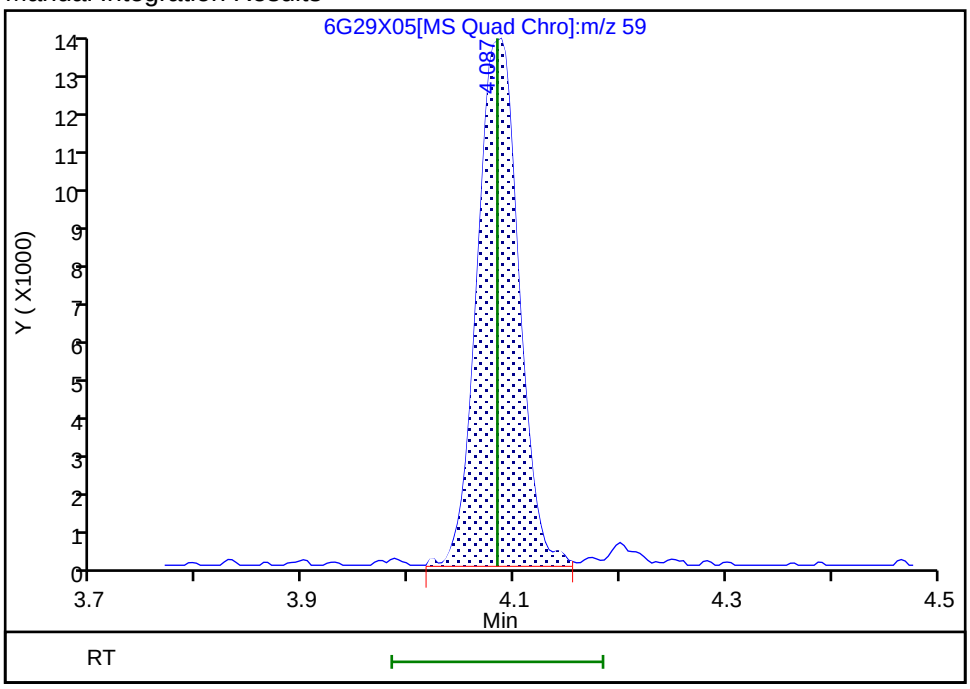
Processing Integration Results

RT: 4.09
Area: 38829
Amount: 0.229477
Amount Units: ppb v/v




Manual Integration Results

RT: 4.09
Area: 37660
Amount: 0.223414
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:52:51 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

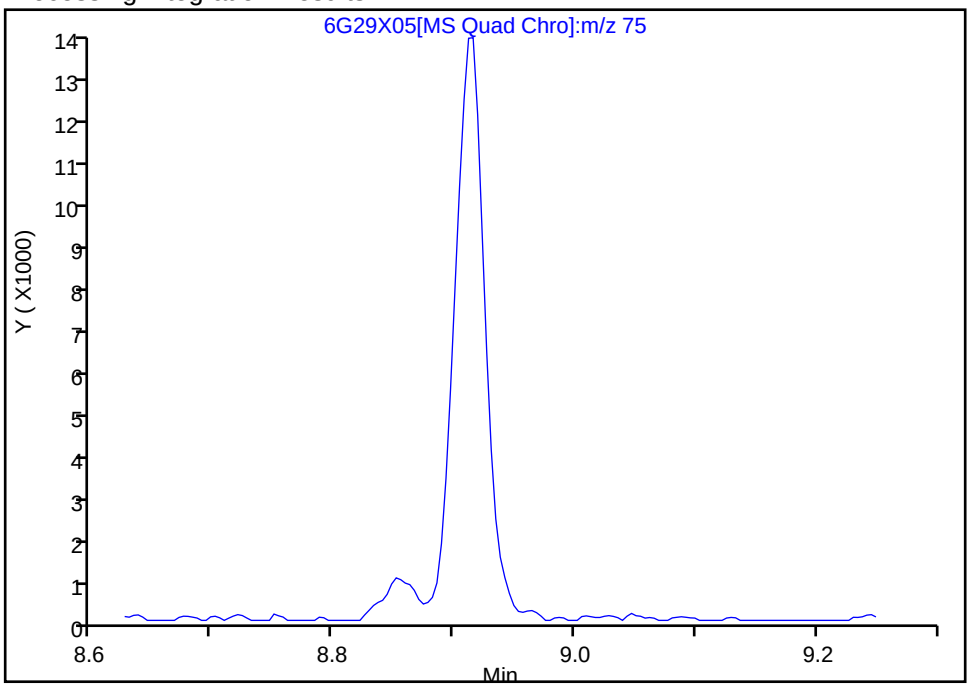
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X05.D | | | | |
| Injection Date: | 29-Aug-2025 21:34:24 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.2 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

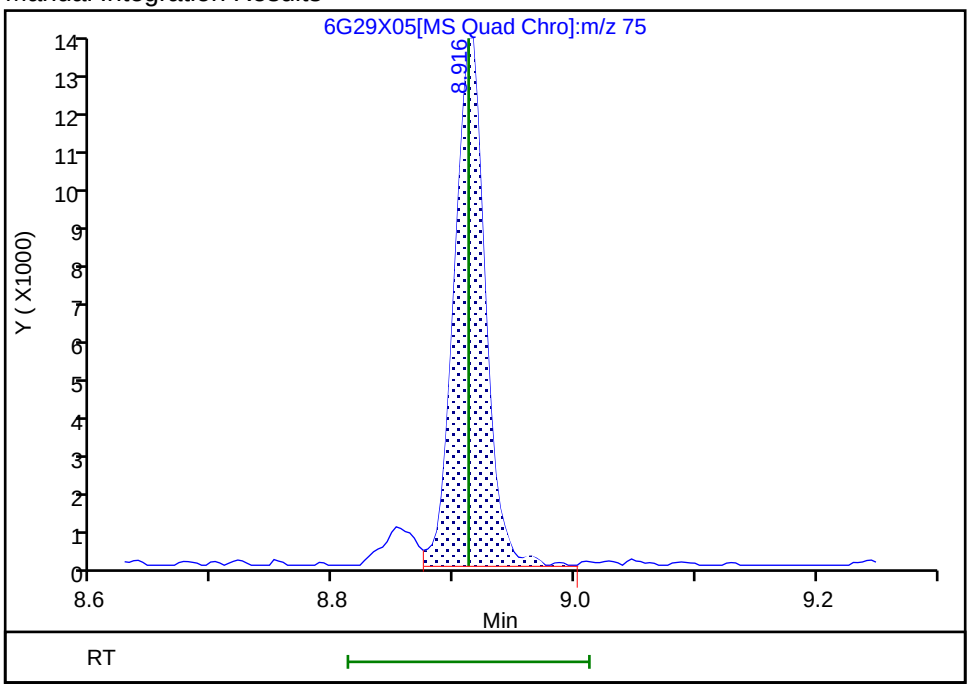
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.92
Area: 24411
Amount: 0.207407
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:53:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D
Lims ID: IC CAL 0.5 PPB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Aug-2025 22:02:56 ALS Bottle#: 8 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.5 PPB
Misc. Info.: 410-0158236-006
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:11 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 13:56:18

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.640 | 1.632 | 0.008 | 99 | 33467 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.670 | 1.666 | 0.004 | 99 | 81139 | 0.5000 | 0.5045 | |
| 3 Chlorodifluoromethane | 51 | 1.707 | 1.703 | 0.004 | 97 | 59009 | 0.5000 | 0.5007 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.789 | 1.786 | 0.003 | 96 | 94816 | 0.5000 | 0.5250 | |
| 5 Chloromethane | 50 | 1.891 | 1.887 | 0.004 | 98 | 35246 | 0.5000 | 0.5125 | |
| 124 Butane | 43 | 1.951 | 1.951 | 0.000 | 100 | 61160 | 0.5000 | 0.5274 | M |
| 6 Vinyl chloride | 62 | 2.007 | 1.996 | 0.011 | 96 | 37897 | 0.5000 | 0.4956 | |
| 7 Butadiene | 54 | 2.018 | 2.014 | 0.004 | 96 | 33025 | 0.5000 | 0.5342 | |
| 8 Bromomethane | 94 | 2.393 | 2.397 | -0.004 | 89 | 23514 | 0.5000 | 0.4999 | M |
| 9 Chloroethane | 64 | 2.520 | 2.509 | 0.011 | 97 | 20430 | 0.5000 | 0.4951 | M |
| 10 Vinyl bromide | 106 | 2.704 | 2.708 | -0.004 | 97 | 32141 | 0.5000 | 0.5236 | |
| 12 Trichlorofluoromethane | 101 | 2.745 | 2.753 | -0.008 | 97 | 80328 | 0.5000 | 0.4993 | |
| 13 Dichlorofluoromethane | 67 | 2.764 | 2.760 | 0.004 | 98 | 81609 | NC | NC | |
| 11 Pentane | 43 | 2.809 | 2.817 | -0.008 | 97 | 70048 | NC | NC | M |
| 14 Ethanol | 45 | 3.094 | 3.072 | 0.022 | 98 | 19899 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.323 | 3.323 | 0.000 | 97 | 39490 | 0.5000 | 0.5130 | |
| 19 Acrolein | 56 | 3.330 | 3.323 | 0.007 | 92 | 17741 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.353 | 0.000 | 91 | 56478 | 0.5000 | 0.5064 | |
| 23 Acetone | 43 | 3.506 | 3.495 | 0.011 | 100 | 93298 | 0.5000 | 0.6716 | |
| 18 Iodomethane | 142 | 3.544 | 3.544 | 0.000 | 98 | 53717 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.574 | 0.000 | 99 | 112468 | 0.5000 | 0.5145 | |
| 20 Isopropyl alcohol | 45 | 3.668 | 3.645 | 0.023 | 99 | 94096 | 0.5000 | 0.5099 | |
| 21 3-Chloro-1-propene | 41 | 3.791 | 3.791 | 0.000 | 93 | 53162 | 0.5000 | 0.4736 | |
| 28 Acetonitrile | 41 | 3.907 | 3.893 | 0.015 | 100 | 40600 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.967 | 3.964 | 0.003 | 97 | 31262 | 0.5000 | 0.5063 | |
| 27 2-Methyl-2-propanol | 59 | 4.102 | 4.084 | 0.018 | 99 | 90473 | 0.5700 | 0.5310 | |
| 26 Methyl tert-butyl ether | 73 | 4.189 | 4.185 | 0.004 | 98 | 102391 | 0.5000 | 0.4700 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.204 | 0.000 | 95 | 56310 | 0.5000 | 0.4969 | |
| 31 Acrylonitrile | 53 | 4.320 | 4.316 | 0.004 | 97 | 33287 | NC | NC | |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 92 | 33387 | 0.5000 | 0.4729 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.706 | 4.698 | 0.008 | 98 | 141866 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.717 | 4.717 | 0.000 | 96 | 67109 | 0.5000 | 0.5051 | |
| 33 Vinyl acetate | 86 | 4.762 | 4.758 | 0.004 | 97 | 9544 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.103 | 5.096 | 0.007 | 99 | 124851 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.369 | 5.366 | 0.003 | 84 | 51035 | 0.5000 | 0.4942 | |
| 43 2-Butanone (MEK) | 72 | 5.414 | 5.403 | 0.011 | 96 | 18794 | 0.5000 | 0.4458 | |
| 38 Ethyl acetate | 70 | 5.426 | 5.418 | 0.008 | 99 | 10454 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.478 | 5.474 | 0.004 | 99 | 73191 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.647 | 5.639 | 0.008 | 35 | 49349 | 0.5000 | 0.4929 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.639 | 0.004 | 91 | 585226 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.714 | 5.714 | 0.000 | 93 | 69104 | 0.5000 | 0.4938 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 95 | 64756 | 0.5000 | 0.4624 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.864 | 0.000 | 97 | 67326 | 0.5000 | 0.4727 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 96 | 59162 | 0.5000 | 0.4588 | |
| 44 Isooctane | 57 | 6.250 | 6.250 | 0.000 | 96 | 194521 | 0.5000 | 0.4933 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 95 | 109698 | 0.5000 | 0.4846 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.307 | 0.000 | 0 | 1048337 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.374 | 6.374 | 0.000 | 97 | 108146 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.393 | 6.393 | 0.000 | 96 | 49863 | 0.5000 | 0.4642 | |
| 45 n-Heptane | 71 | 6.472 | 6.468 | 0.004 | 95 | 39073 | 0.5000 | 0.4400 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.764 | 0.004 | 97 | 2525736 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 93 | 38960 | 0.5000 | 0.4627 | |
| 52 Ethyl acrylate | 55 | 7.184 | 7.184 | 0.000 | 98 | 90711 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.349 | 7.345 | 0.004 | 97 | 46540 | 0.5000 | 0.4599 | |
| 55 Methyl methacrylate | 69 | 7.454 | 7.454 | 0.000 | 90 | 42506 | 0.5000 | 0.4510 | |
| 56 1,4-Dioxane | 88 | 7.480 | 7.476 | 0.004 | 95 | 24924 | 0.5000 | 0.4511 | |
| 51 Dibromomethane | 174 | 7.491 | 7.491 | 0.000 | 93 | 34404 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.667 | 7.664 | 0.003 | 98 | 74431 | 0.5000 | 0.4658 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.215 | 8.215 | 0.000 | 93 | 66849 | 0.5000 | 0.4497 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 97 | 101991 | 0.5000 | 0.4558 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 94 | 2948324 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 97 | 128321 | 0.5000 | 0.4801 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 89 | 105883 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 89 | 59429 | 0.5000 | 0.5079 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 89 | 66111 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.107 | 9.103 | 0.004 | 92 | 41195 | 0.5000 | 0.4713 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 90 | 59167 | 0.5000 | 0.5015 | |
| 67 2-Hexanone | 43 | 9.335 | 9.336 | -0.001 | 99 | 99651 | 0.5000 | 0.4796 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 91 | 47268 | 0.5000 | 0.4672 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 99 | 58830 | 0.5000 | 0.4689 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2477664 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 95 | 88968 | 0.5000 | 0.4617 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 158065 | 0.5000 | 0.4641 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 94 | 44309 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 237549 | 1.00 | 0.9214 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 125427 | 0.5000 | 0.4601 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 94 | 82845 | 0.5000 | 0.4384 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 93 | 50802 | 0.5000 | 0.4443 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 97 | 159607 | 0.5000 | 0.4635 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 94 | 45665 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 93 | 93260 | 0.5000 | 0.4598 | M |
| 77 N-Propylbenzene | 120 | 11.056 | 11.052 | 0.004 | 99 | 41354 | 0.5000 | 0.4409 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 88 | 25550 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 97 | 151387 | 0.5000 | 0.4604 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 94 | 37087 | 0.5000 | 0.4503 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 94 | 131033 | 0.5000 | 0.4523 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 63778 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 94 | 121877 | 0.5000 | 0.4746 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.438 | 11.439 | 0.000 | 97 | 133648 | 0.5000 | 0.4569 | |
| 87 sec-Butylbenzene | 105 | 11.543 | 11.540 | 0.003 | 95 | 195941 | 0.5000 | 0.4725 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 151021 | 0.5000 | 0.4398 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 95 | 79531 | 0.5000 | 0.4553 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 80626 | 0.5000 | 0.4513 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 99 | 23934 | 0.5000 | 0.4665 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 89307 | 0.5000 | 0.4690 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 78204 | 0.5000 | 0.4614 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 93 | 32104 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 75 | 42394 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.983 | 12.983 | 0.000 | 93 | 73514 | 0.5000 | 0.5198 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 57579 | 0.5000 | 0.5335 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 97 | 198305 | 0.5000 | 0.5673 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 107345 | 1.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 1.00 | 0.9576 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 362976 | 1.50 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL0.5_00150 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:13 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D

Injection Date: 29-Aug-2025 22:02:56 Instrument ID: HP26379

Lims ID: IC CAL 0.5 PPB

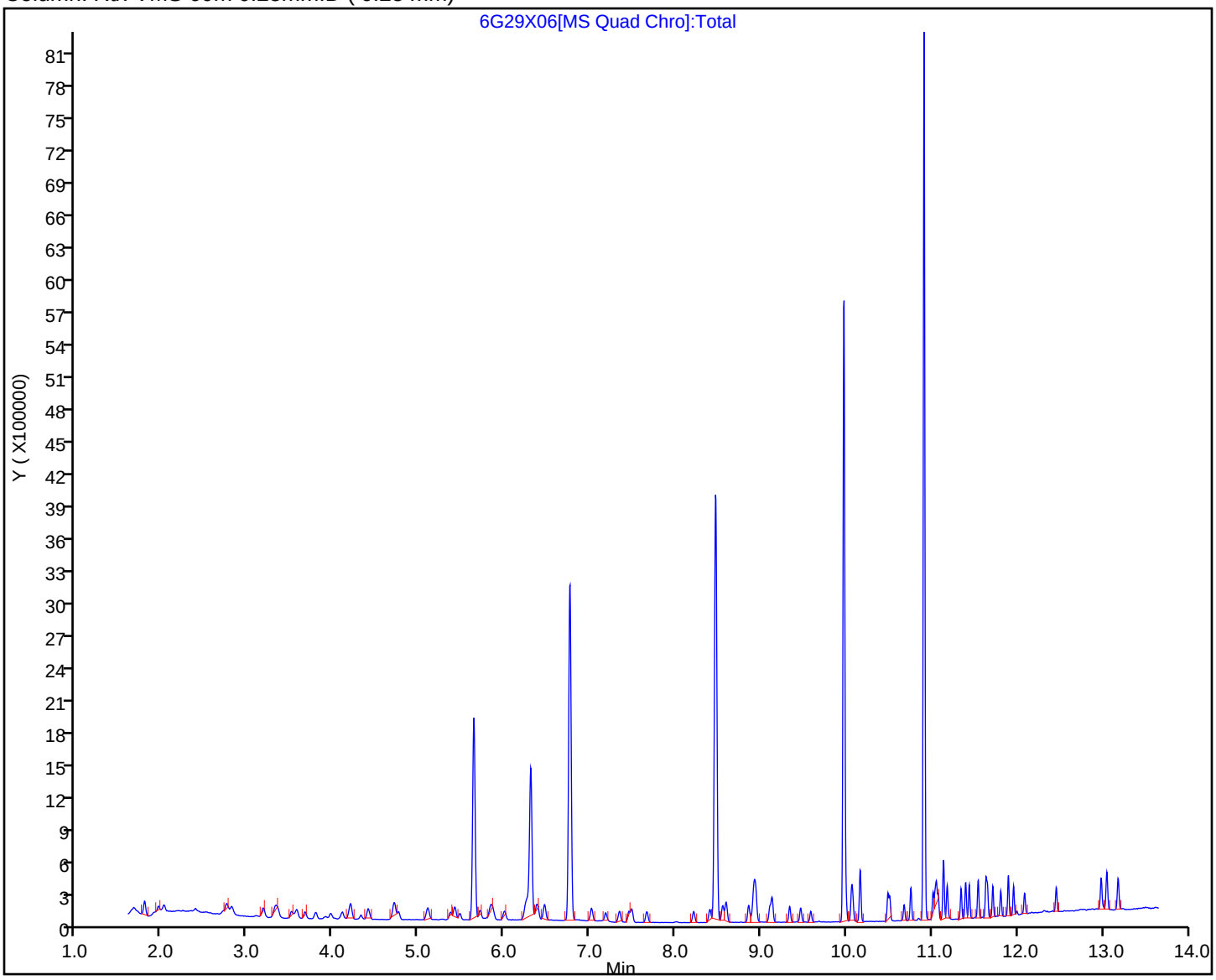
Client ID:

Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 6

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

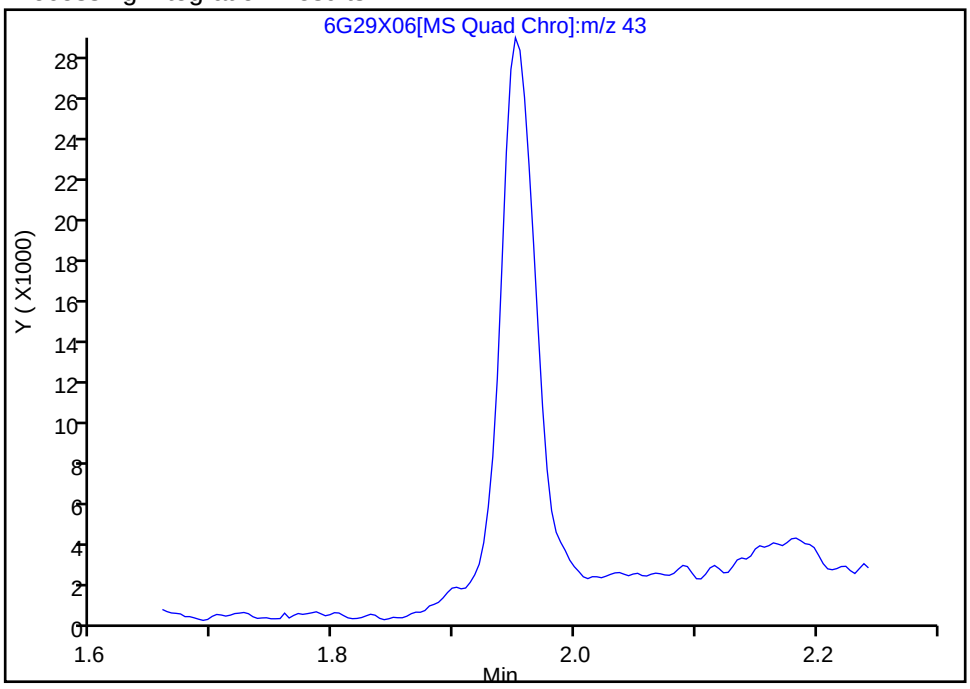
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D | | | | |
| Injection Date: | 29-Aug-2025 22:02:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

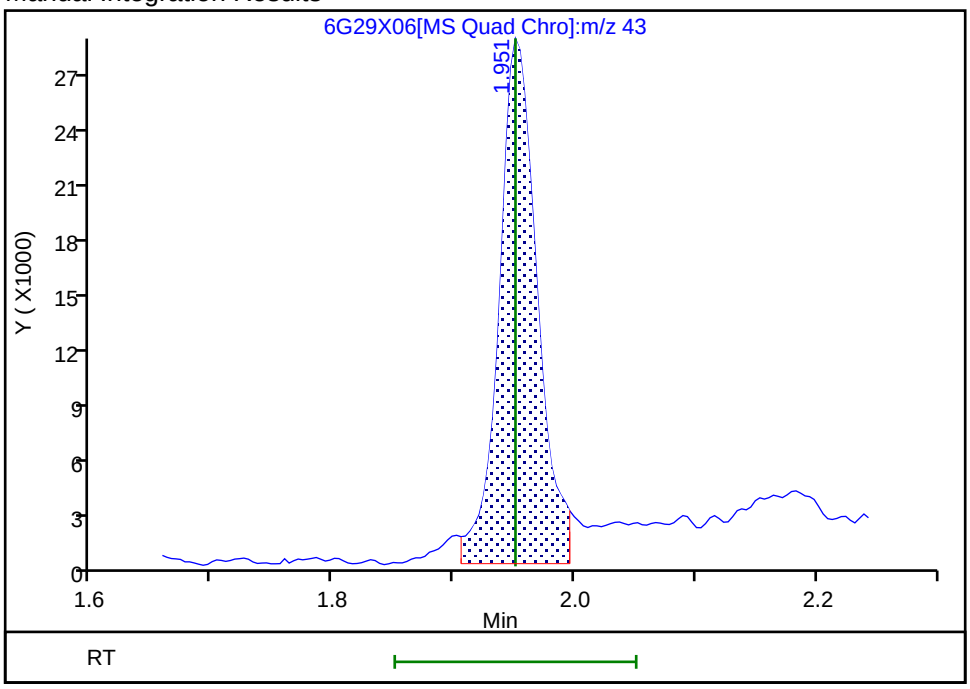
Not Detected
Expected RT: 1.95

Processing Integration Results




Manual Integration Results

RT: 1.95
Area: 61160
Amount: 0.527371
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:07:54 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

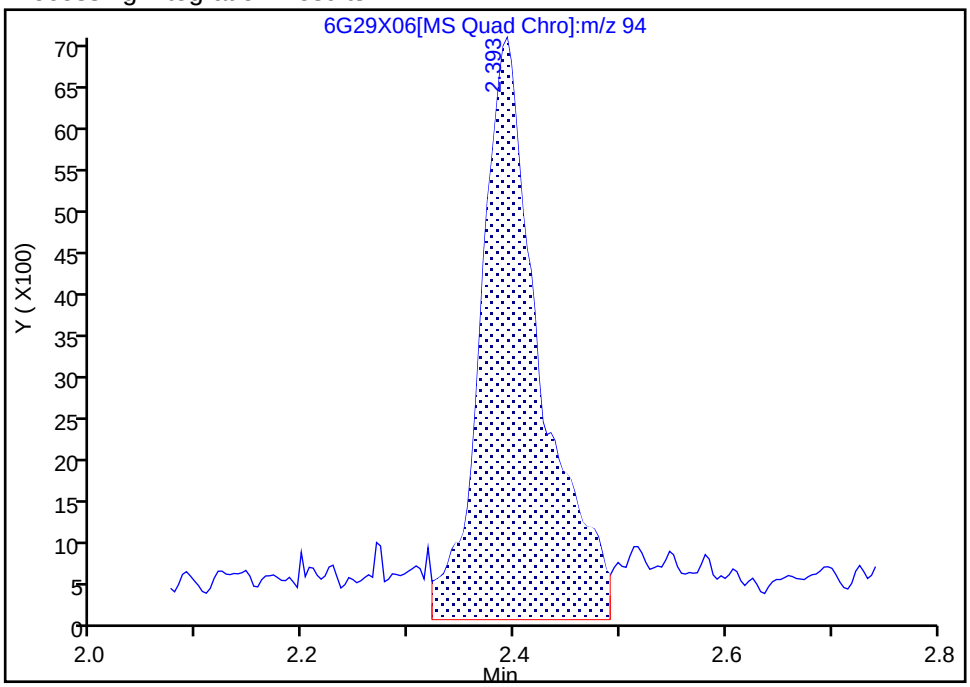
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D | | | | |
| Injection Date: | 29-Aug-2025 22:02:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 8 Bromomethane, CAS: 74-83-9

Signal: 1

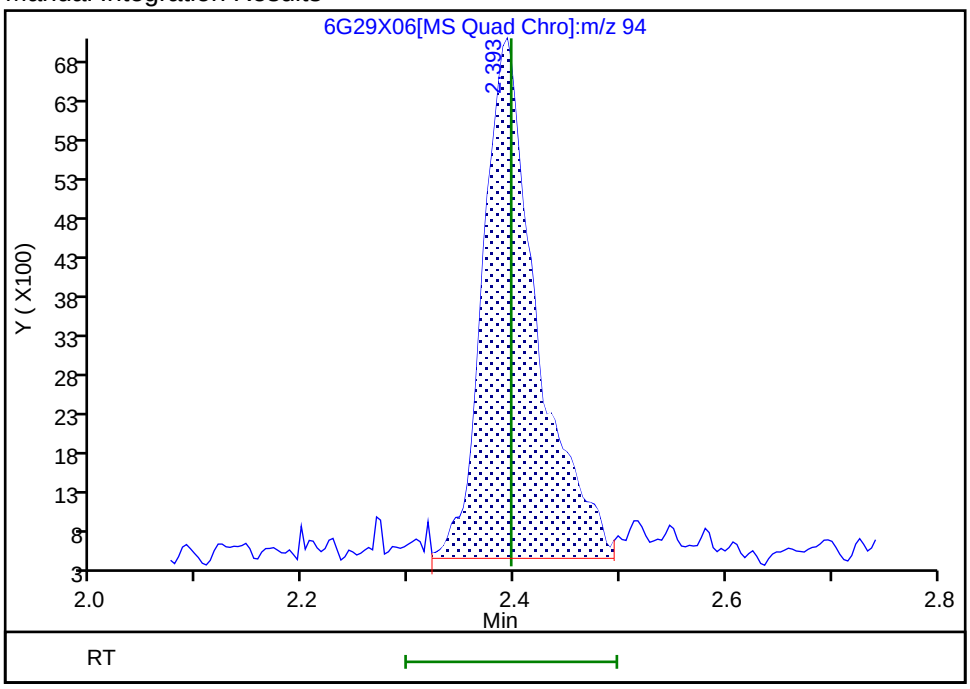
Processing Integration Results

RT: 2.39
Area: 27746
Amount: 0.572696
Amount Units: ppb v/v




Manual Integration Results

RT: 2.39
Area: 23514
Amount: 0.499900
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:54:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

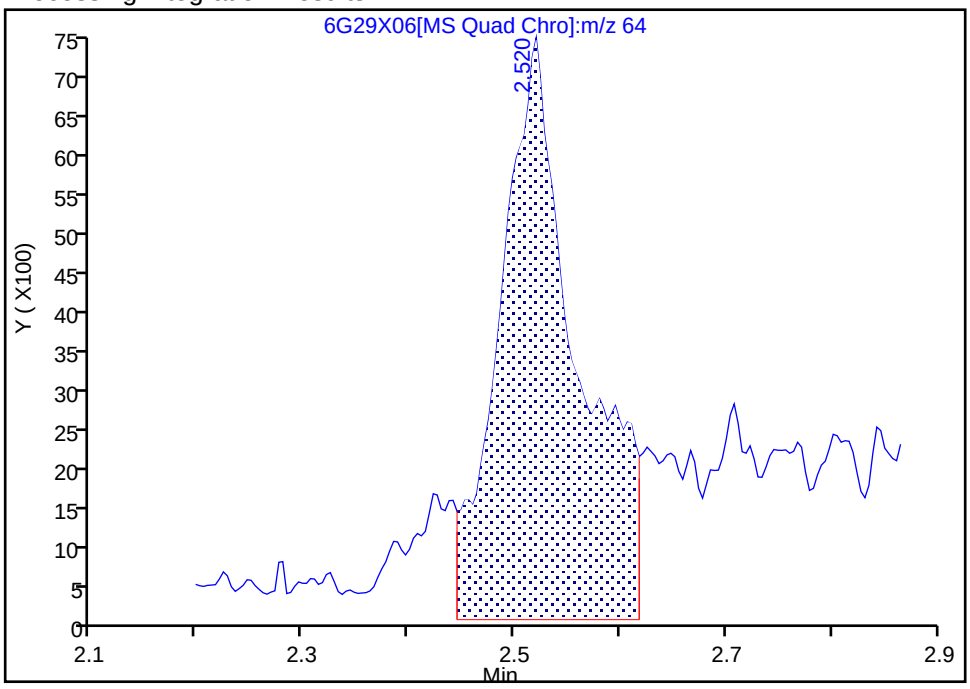
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D | | | | |
| Injection Date: | 29-Aug-2025 22:02:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

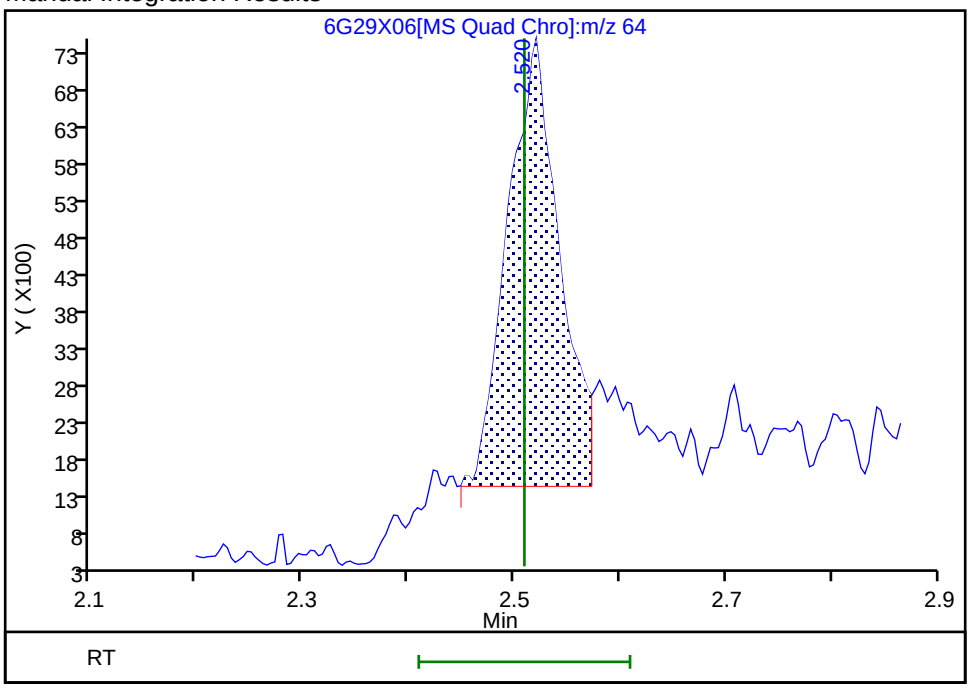
Processing Integration Results

RT: 2.52
Area: 38019
Amount: 0.739853
Amount Units: ppb v/v




Manual Integration Results

RT: 2.52
Area: 20430
Amount: 0.495069
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:54:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

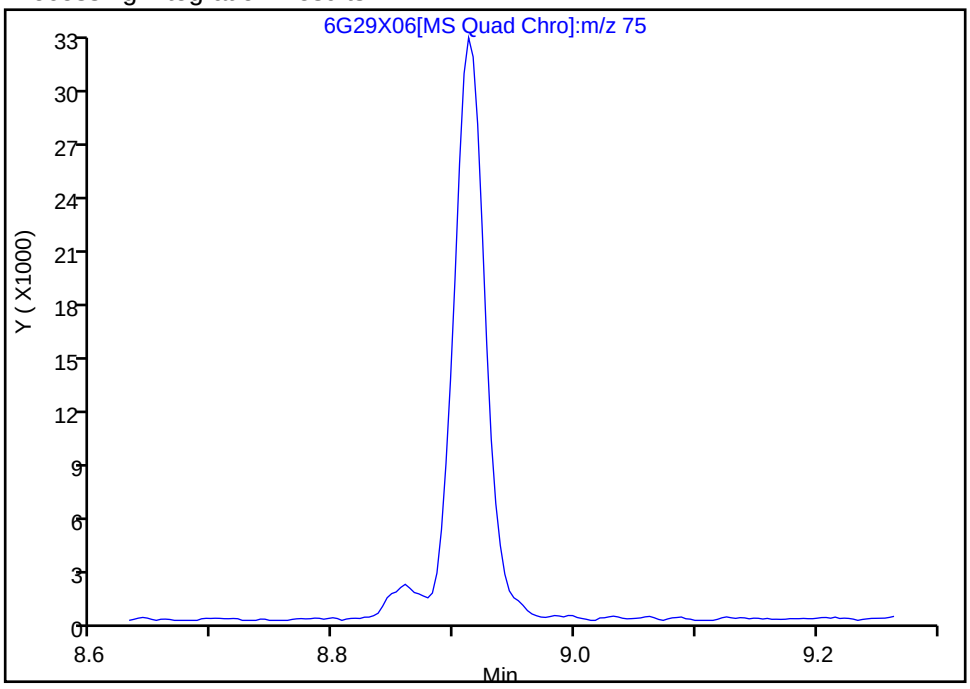
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D | | | | |
| Injection Date: | 29-Aug-2025 22:02:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

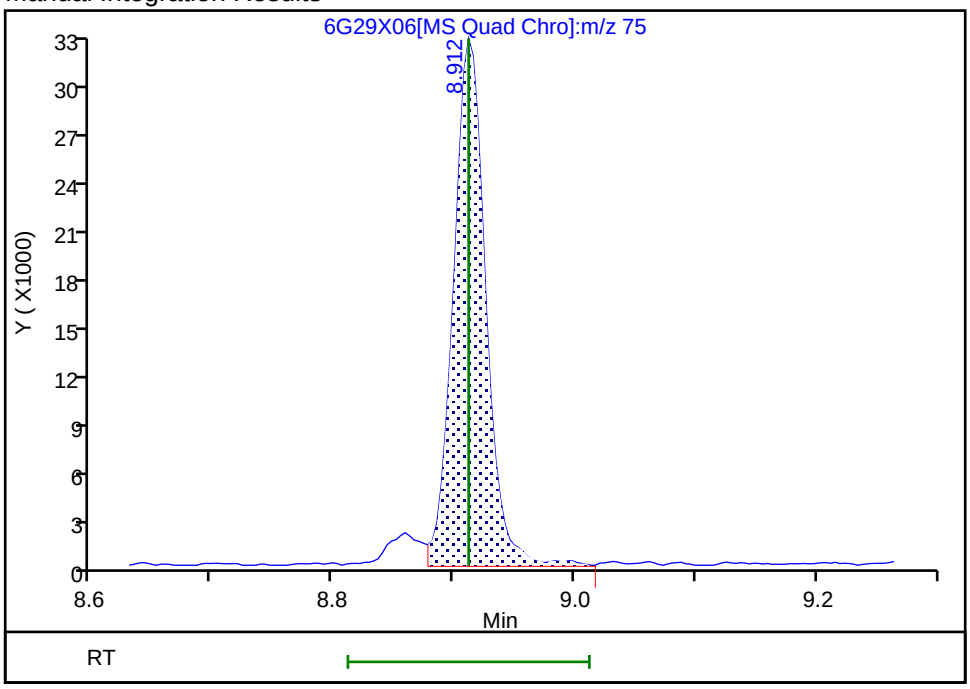
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.91
Area: 59429
Amount: 0.507916
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:55:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

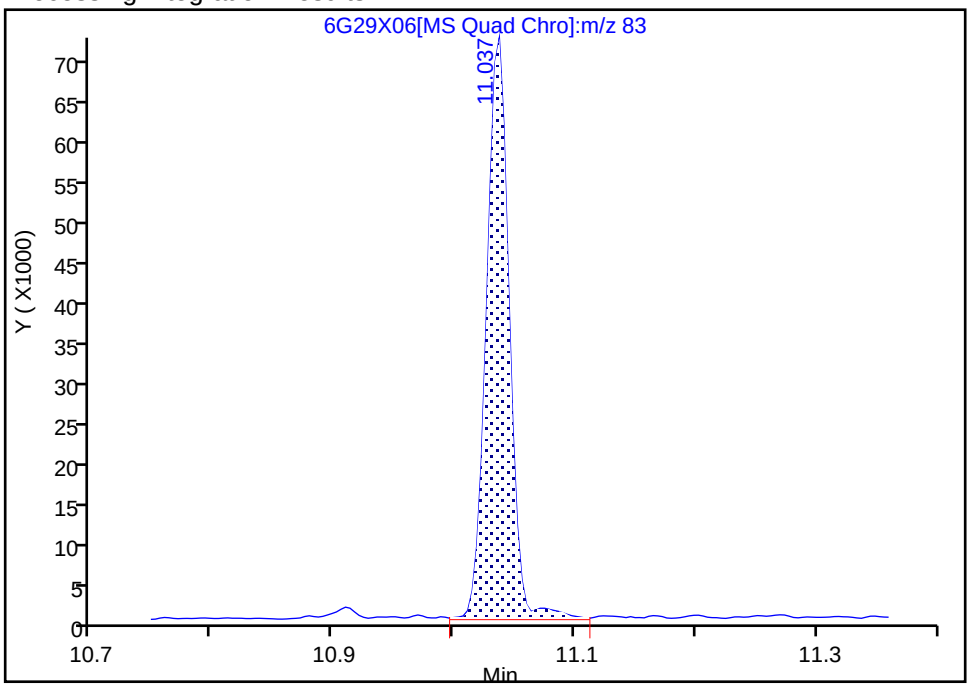
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X06.D | | | | |
| Injection Date: | 29-Aug-2025 22:02:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 0.5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

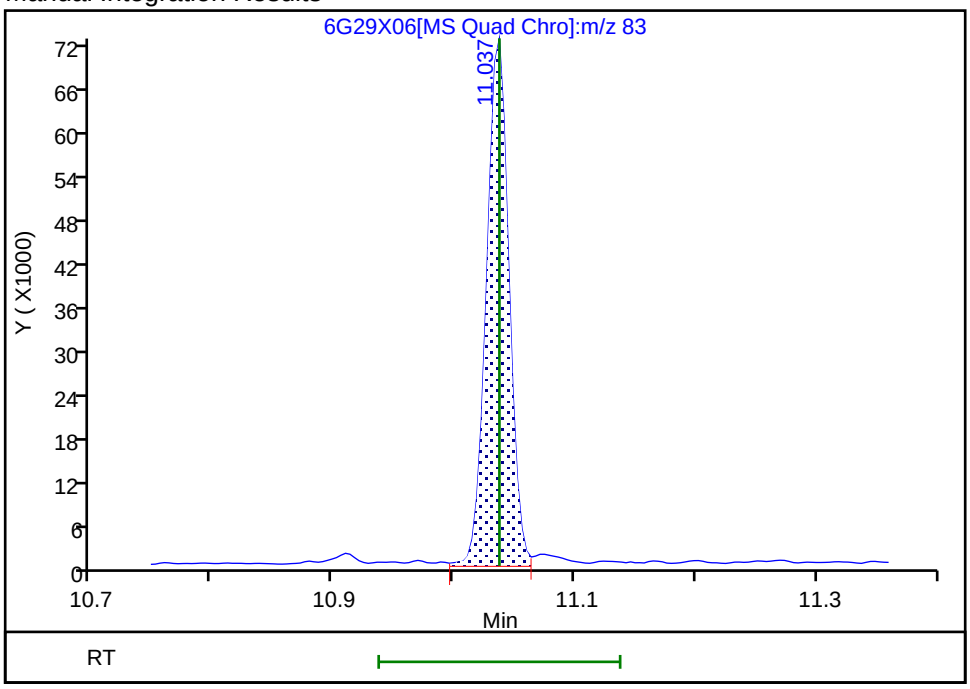
Processing Integration Results

RT: 11.04
Area: 95997
Amount: 0.470021
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 93260
Amount: 0.459782
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:55:15 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D
Lims ID: IC CAL 1 PPB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Aug-2025 22:27:53 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 1.0 PPB
Misc. Info.: 410-0158236-008
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:16 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 13:57:43

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.628 | 1.632 | -0.004 | 95 | 60968 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.658 | 1.666 | -0.008 | 99 | 152212 | 1.00 | 1.01 | |
| 3 Chlorodifluoromethane | 51 | 1.696 | 1.703 | -0.007 | 97 | 105174 | 1.00 | 0.9534 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.782 | 1.786 | -0.004 | 97 | 167072 | 1.00 | 0.9882 | |
| 5 Chloromethane | 50 | 1.879 | 1.887 | -0.008 | 99 | 65078 | 1.00 | 0.9744 | |
| 124 Butane | 43 | 1.951 | 1.951 | 0.000 | 100 | 106955 | 1.00 | 0.9852 | Ma |
| 6 Vinyl chloride | 62 | 1.996 | 1.996 | 0.000 | 97 | 72083 | 1.00 | 1.01 | |
| 7 Butadiene | 54 | 2.018 | 2.014 | 0.004 | 97 | 55815 | 1.00 | 0.9645 | |
| 8 Bromomethane | 94 | 2.393 | 2.397 | -0.004 | 91 | 40278 | 1.00 | 0.9147 | |
| 9 Chloroethane | 64 | 2.502 | 2.509 | -0.007 | 98 | 35064 | 1.00 | 0.9077 | M |
| 10 Vinyl bromide | 106 | 2.708 | 2.708 | 0.000 | 97 | 54658 | 1.00 | 0.9512 | |
| 12 Trichlorofluoromethane | 101 | 2.753 | 2.753 | 0.000 | 96 | 150723 | 1.00 | 1.00 | |
| 13 Dichlorofluoromethane | 67 | 2.757 | 2.760 | -0.003 | 96 | 144353 | NC | NC | |
| 11 Pentane | 43 | 2.813 | 2.817 | -0.004 | 98 | 127825 | NC | NC | |
| 14 Ethanol | 45 | 3.045 | 3.072 | -0.027 | 98 | 29845 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.319 | 3.323 | -0.004 | 97 | 75005 | 1.00 | 1.04 | |
| 19 Acrolein | 56 | 3.315 | 3.323 | -0.008 | 59 | 32361 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.353 | 0.000 | 93 | 100339 | 1.00 | 0.9610 | |
| 23 Acetone | 43 | 3.488 | 3.495 | -0.007 | 99 | 126314 | 1.00 | 0.9713 | |
| 18 Iodomethane | 142 | 3.540 | 3.544 | -0.004 | 99 | 137179 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.570 | 3.574 | -0.004 | 100 | 187215 | 1.00 | 0.9149 | |
| 20 Isopropyl alcohol | 45 | 3.634 | 3.645 | -0.011 | 99 | 148270 | 1.00 | 0.8583 | |
| 21 3-Chloro-1-propene | 41 | 3.784 | 3.791 | -0.007 | 92 | 100200 | 1.00 | 0.9535 | |
| 28 Acetonitrile | 41 | 3.877 | 3.893 | -0.015 | 100 | 67970 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.960 | 3.964 | -0.004 | 99 | 51366 | 1.00 | 0.8887 | |
| 27 2-Methyl-2-propanol | 59 | 4.072 | 4.084 | -0.012 | 100 | 181416 | 1.14 | 1.14 | |
| 26 Methyl tert-butyl ether | 73 | 4.177 | 4.185 | -0.008 | 98 | 199326 | 1.00 | 0.9775 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.200 | 4.204 | -0.004 | 93 | 108180 | 1.00 | 1.02 | |
| 31 Acrylonitrile | 53 | 4.309 | 4.316 | -0.008 | 99 | 60482 | NC | NC | |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 95 | 64628 | 1.00 | 0.9778 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.695 | 4.698 | -0.003 | 99 | 287485 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.713 | 4.717 | -0.004 | 96 | 124864 | 1.00 | 1.00 | |
| 33 Vinyl acetate | 86 | 4.755 | 4.758 | -0.003 | 97 | 19181 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.092 | 5.096 | -0.004 | 99 | 243569 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.362 | 5.366 | -0.004 | 84 | 97265 | 1.00 | 1.01 | |
| 43 2-Butanone (MEK) | 72 | 5.403 | 5.403 | 0.000 | 100 | 40753 | 1.00 | 1.03 | |
| 38 Ethyl acetate | 70 | 5.414 | 5.418 | -0.004 | 99 | 19416 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.471 | 5.474 | -0.003 | 99 | 146253 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.636 | 5.639 | -0.003 | 84 | 98222 | 1.00 | 1.05 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.639 | -0.003 | 91 | 547847 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.711 | 5.714 | -0.004 | 94 | 134948 | 1.00 | 1.03 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 94 | 126900 | 1.00 | 0.9680 | |
| 42 1,1,1-Trichloroethane | 97 | 5.860 | 5.864 | -0.004 | 97 | 134845 | 1.00 | 1.01 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 97 | 129002 | 1.00 | 1.07 | |
| 44 Isooctane | 57 | 6.247 | 6.250 | -0.003 | 96 | 386877 | 1.00 | 1.08 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 95 | 220715 | 1.00 | 1.08 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.307 | -0.004 | 0 | 954346 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.370 | 6.374 | -0.004 | 99 | 222657 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.393 | -0.004 | 97 | 101480 | 1.00 | 1.04 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 96 | 85611 | 1.00 | 1.06 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2289630 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 96 | 81998 | 1.00 | 1.07 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.184 | -0.004 | 99 | 188438 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.345 | 7.345 | 0.000 | 96 | 91363 | 1.00 | 1.00 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.454 | -0.004 | 92 | 92198 | 1.00 | 1.08 | |
| 56 1,4-Dioxane | 88 | 7.480 | 7.476 | 0.004 | 98 | 53858 | 1.00 | 1.08 | |
| 51 Dibromomethane | 174 | 7.491 | 7.491 | 0.000 | 89 | 68985 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 98 | 152171 | 1.00 | 1.05 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.215 | -0.004 | 94 | 140880 | 1.00 | 1.05 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 98 | 223162 | 1.00 | 1.10 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2755235 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 97 | 274633 | 1.00 | 1.07 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 90 | 239112 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 97 | 111923 | 1.00 | 1.00 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 92 | 145198 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 93 | 89211 | 1.00 | 1.06 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 93 | 108886 | 1.00 | 0.9628 | |
| 67 2-Hexanone | 43 | 9.335 | 9.336 | -0.001 | 98 | 207908 | 1.00 | 1.04 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 89 | 100312 | 1.00 | 1.03 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 100 | 127206 | 1.00 | 1.06 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2374817 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 92 | 197127 | 1.00 | 1.07 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 358935 | 1.00 | 1.10 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 93 | 96288 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 545737 | 2.00 | 2.21 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 272860 | 1.00 | 1.04 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 95 | 193573 | 1.00 | 1.07 | |
| 75 Bromoform | 173 | 10.677 | 10.678 | -0.001 | 94 | 114844 | 1.00 | 1.05 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 97 | 359154 | 1.00 | 1.09 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 96 | 108110 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 94 | 208013 | 1.00 | 1.07 | M |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 99 | 96443 | 1.00 | 1.07 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 88 | 55278 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 98 | 346856 | 1.00 | 1.10 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 95 | 85282 | 1.00 | 1.08 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 297879 | 1.00 | 1.07 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 142188 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 93 | 260971 | 1.00 | 1.06 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.438 | 11.439 | 0.000 | 98 | 292694 | 1.00 | 1.04 | |
| 87 sec-Butylbenzene | 105 | 11.543 | 11.540 | 0.003 | 96 | 426800 | 1.00 | 1.07 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 345684 | 1.00 | 1.05 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 96 | 184209 | 1.00 | 1.10 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 184928 | 1.00 | 1.08 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 99 | 49511 | 1.00 | 1.01 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 193217 | 1.00 | 1.06 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 170707 | 1.00 | 1.05 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 93 | 105821 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 74 | 80530 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.983 | 12.983 | 0.000 | 94 | 119122 | 1.00 | 0.8788 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 98471 | 1.00 | 0.9519 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 98 | 282970 | 1.00 | 0.8446 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 205445 | 2.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 2.00 | 2.04 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 818597 | 3.00 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL10.0_00617 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:18 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D

Injection Date: 29-Aug-2025 22:27:53 Instrument ID: HP26379

Lims ID: IC CAL 1 PPB

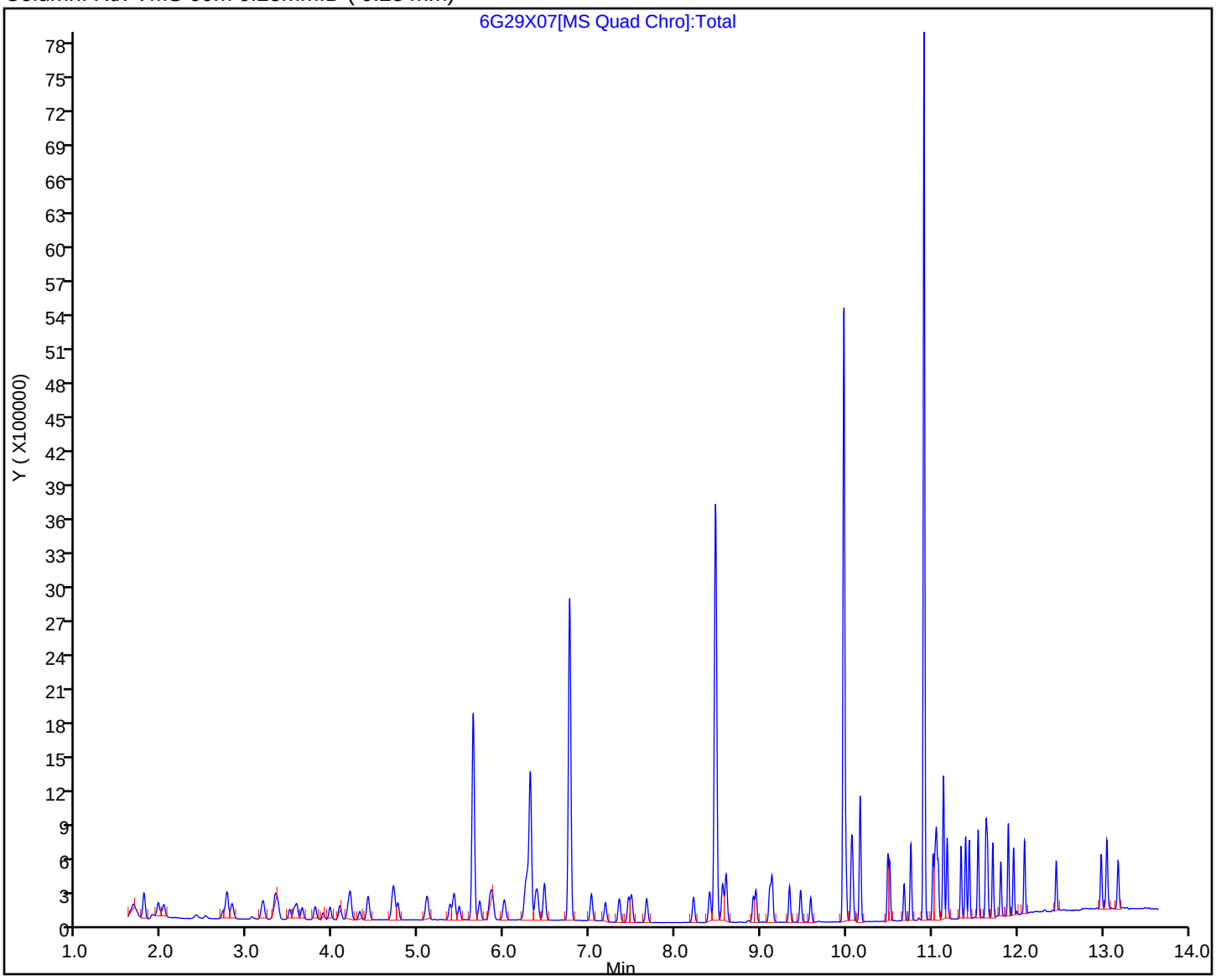
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

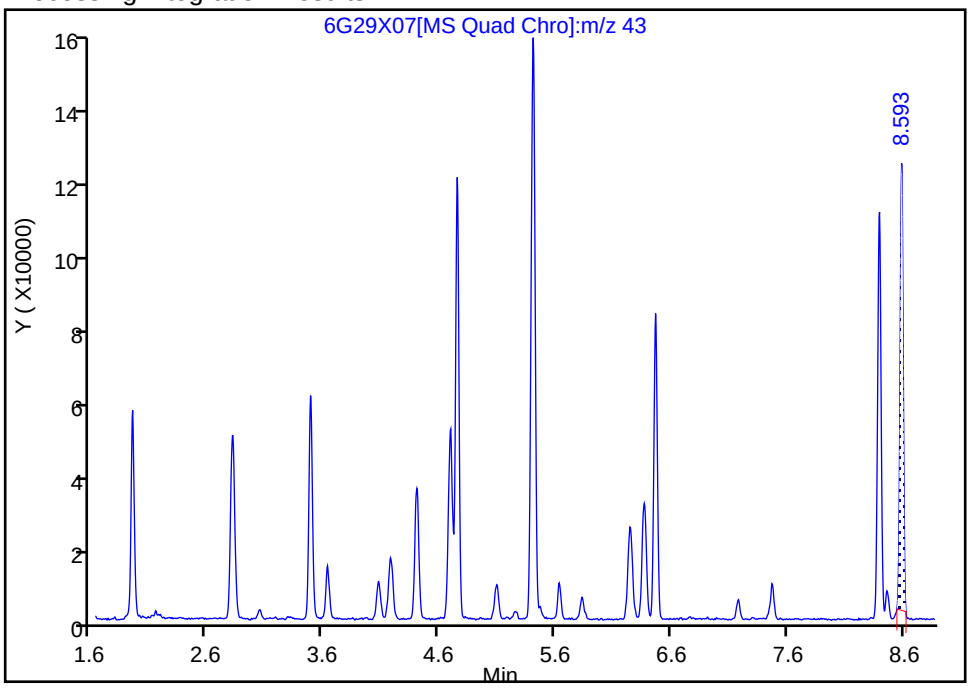
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D | | | | |
| Injection Date: | 29-Aug-2025 22:27:53 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 1 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

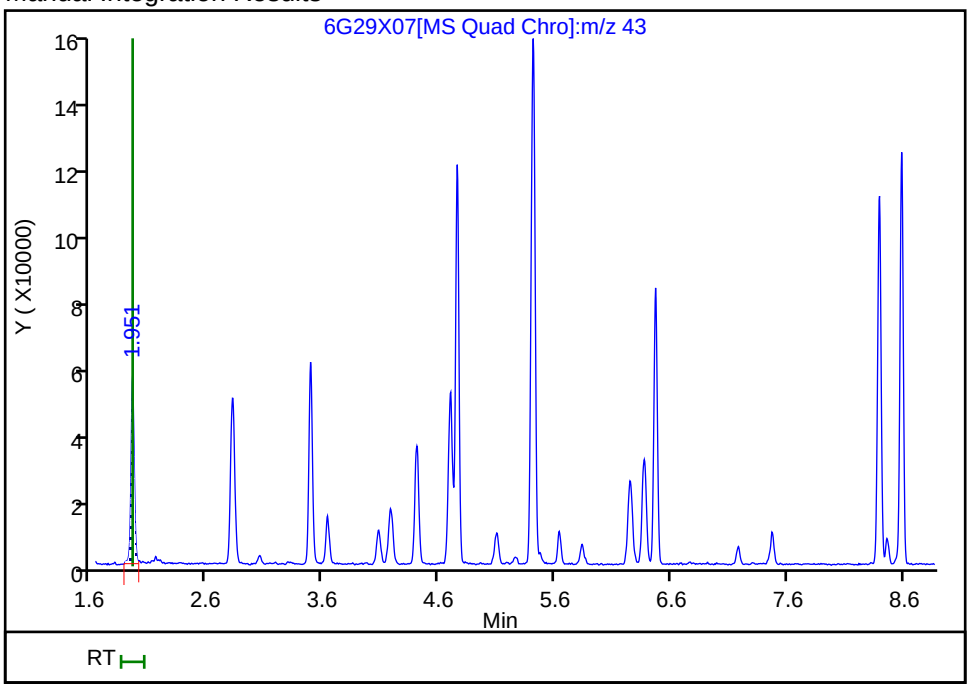
Processing Integration Results

RT: 8.59
Area: 221478
Amount: 1.755366
Amount Units: ppb v/v




Manual Integration Results

RT: 1.95
Area: 106955
Amount: 0.985177
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:09:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

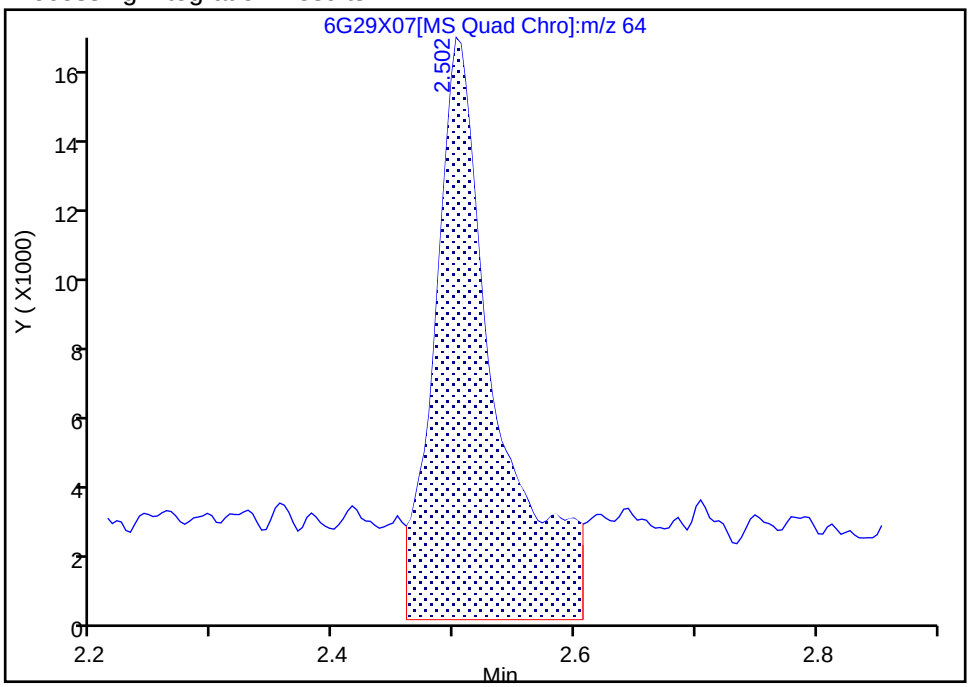
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D | | | | |
| Injection Date: | 29-Aug-2025 22:27:53 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 1 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

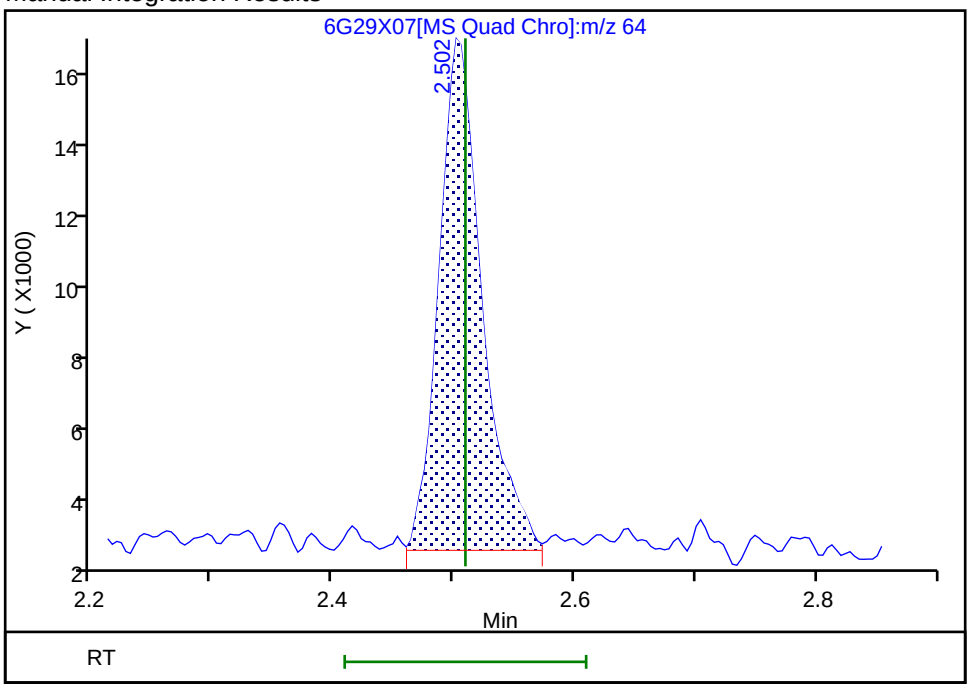
Processing Integration Results

RT: 2.50
Area: 58976
Amount: 1.383875
Amount Units: ppb v/v




Manual Integration Results

RT: 2.50
Area: 35064
Amount: 0.907660
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:56:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

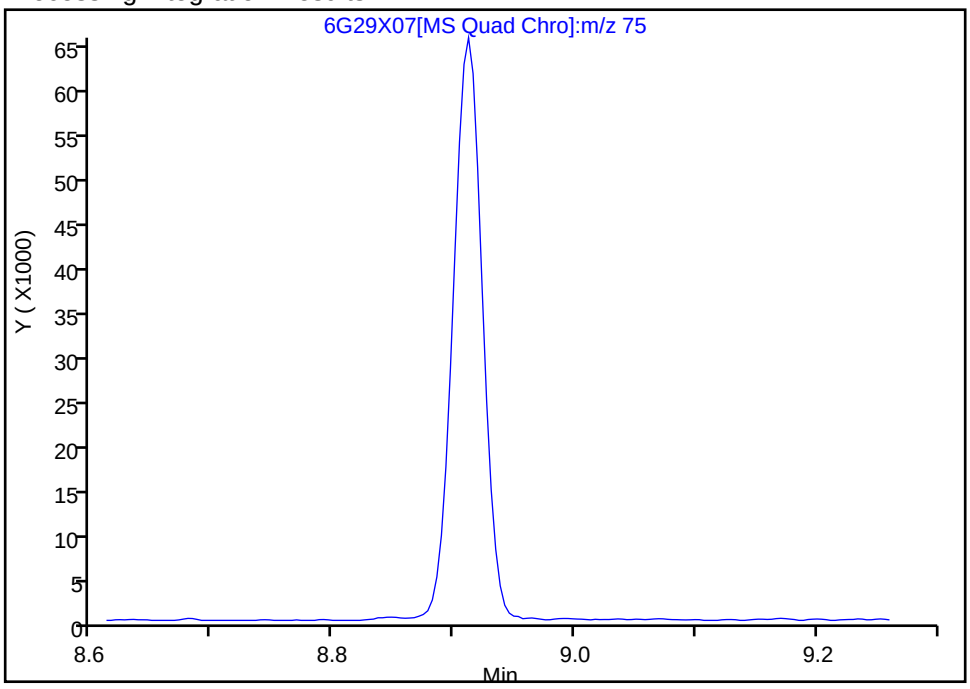
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D | | | | |
| Injection Date: | 29-Aug-2025 22:27:53 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 1 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

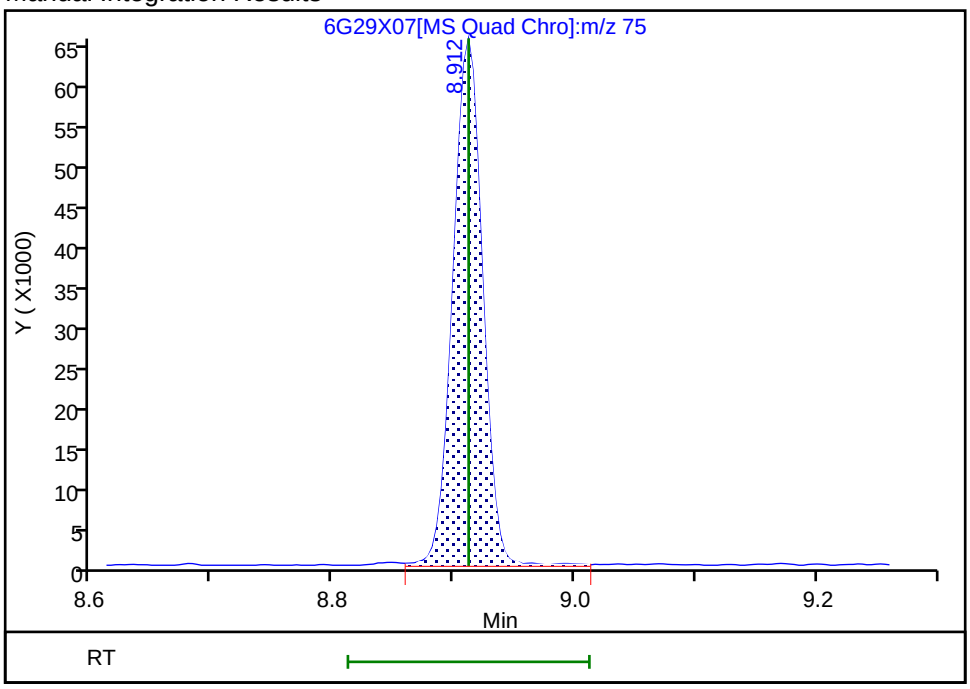
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.91
Area: 111923
Amount: 0.997987
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:57:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

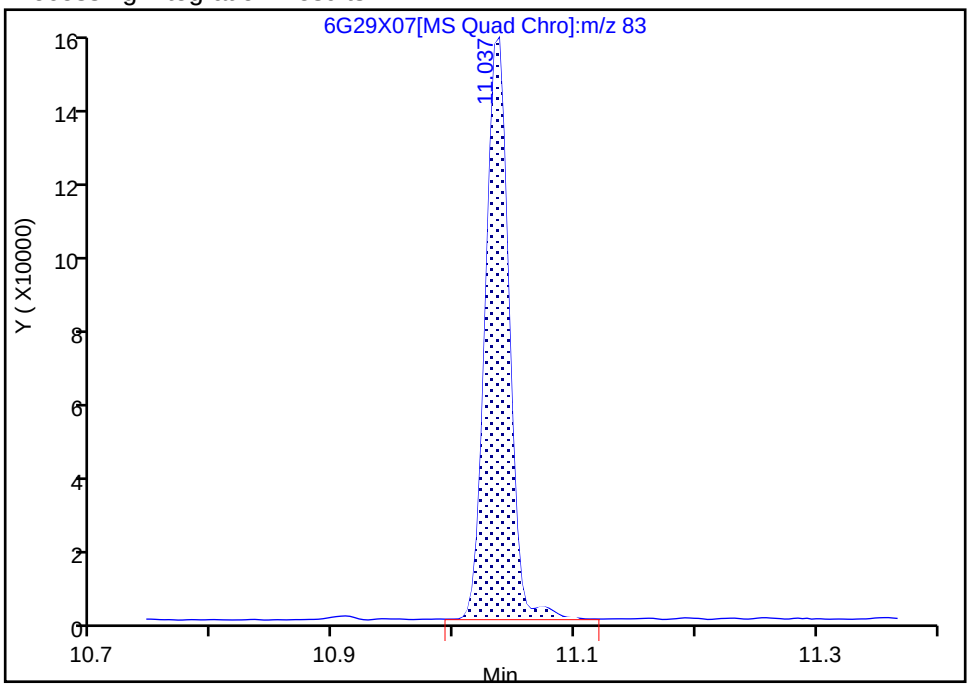
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X07.D | | | | |
| Injection Date: | 29-Aug-2025 22:27:53 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 1 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

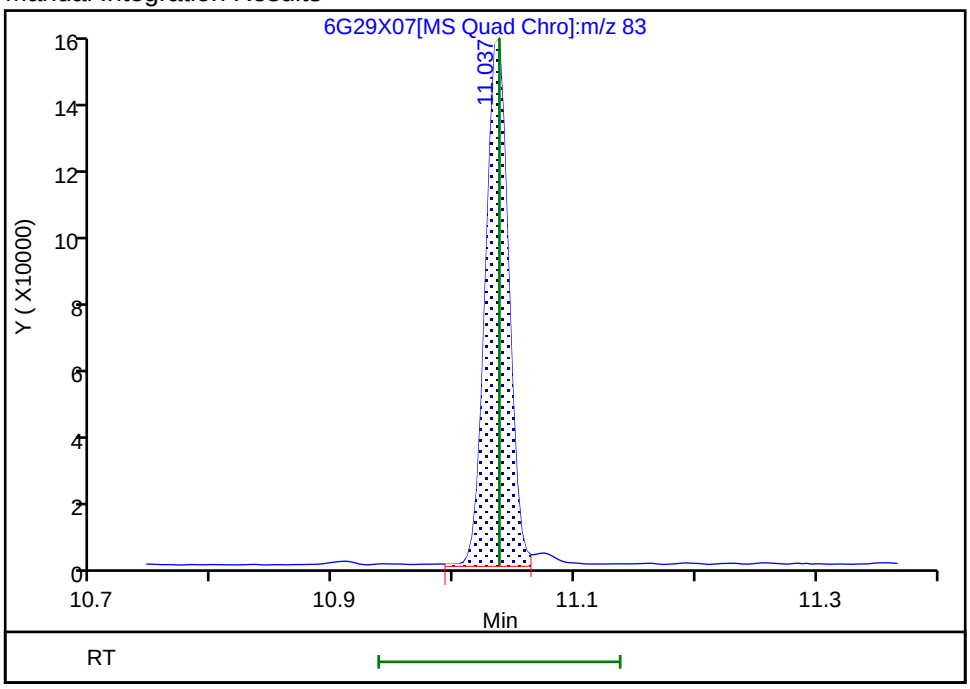
Processing Integration Results

RT: 11.04
Area: 213535
Amount: 1.094456
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 208013
Amount: 1.069939
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 13:57:29 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D
Lims ID: ICISAV CAL 5 PPB
Client ID:
Sample Type: ICISAV Calib Level: 6
Inject. Date: 29-Aug-2025 22:54:27 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ICISAV CAL 5 PPB
Misc. Info.: 410-0158236-009
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:21 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 14:36:50

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.632 | 1.632 | 0.000 | 97 | 313921 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.666 | 1.666 | 0.000 | 99 | 835503 | 5.00 | 5.19 | |
| 3 Chlorodifluoromethane | 51 | 1.703 | 1.703 | 0.000 | 97 | 574396 | 5.00 | 4.87 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.786 | 1.786 | 0.000 | 97 | 895039 | 5.00 | 4.95 | |
| 5 Chloromethane | 50 | 1.887 | 1.887 | 0.000 | 99 | 333008 | 5.00 | 4.79 | |
| 124 Butane | 43 | 1.951 | 1.951 | 0.000 | 100 | 519446 | 5.00 | 4.48 | Ma |
| 6 Vinyl chloride | 62 | 1.996 | 1.996 | 0.000 | 98 | 356668 | 5.00 | 4.66 | |
| 7 Butadiene | 54 | 2.014 | 2.014 | 0.000 | 90 | 271415 | 5.00 | 4.39 | |
| 8 Bromomethane | 94 | 2.397 | 2.397 | 0.000 | 91 | 226028 | 5.00 | 4.80 | |
| 9 Chloroethane | 64 | 2.509 | 2.509 | 0.000 | 99 | 191687 | 5.00 | 4.64 | M |
| 10 Vinyl bromide | 106 | 2.708 | 2.708 | 0.000 | 98 | 297069 | 5.00 | 4.84 | |
| 12 Trichlorofluoromethane | 101 | 2.753 | 2.753 | 0.000 | 97 | 768553 | 5.00 | 4.78 | |
| 13 Dichlorofluoromethane | 67 | 2.760 | 2.760 | 0.000 | 97 | 770238 | NC | NC | |
| 11 Pentane | 43 | 2.817 | 2.817 | 0.000 | 96 | 657919 | NC | NC | |
| 14 Ethanol | 45 | 3.072 | 3.072 | 0.000 | 99 | 147383 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.323 | 3.323 | 0.000 | 97 | 376926 | 5.00 | 4.89 | |
| 19 Acrolein | 56 | 3.323 | 3.323 | 0.000 | 98 | 168490 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.353 | 0.000 | 93 | 530644 | 5.00 | 4.76 | |
| 23 Acetone | 43 | 3.495 | 3.495 | 0.000 | 99 | 615474 | 5.00 | 4.43 | |
| 18 Iodomethane | 142 | 3.544 | 3.544 | 0.000 | 99 | 675736 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.574 | 0.000 | 100 | 1018528 | 5.00 | 4.66 | |
| 20 Isopropyl alcohol | 45 | 3.645 | 3.645 | 0.000 | 99 | 791165 | 5.00 | 4.29 | |
| 21 3-Chloro-1-propene | 41 | 3.791 | 3.791 | 0.000 | 92 | 505457 | 5.00 | 4.50 | |
| 28 Acetonitrile | 41 | 3.893 | 3.893 | 0.000 | 98 | 383236 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.964 | 3.964 | 0.000 | 98 | 275996 | 5.00 | 4.47 | |
| 27 2-Methyl-2-propanol | 59 | 4.084 | 4.084 | 0.000 | 99 | 904592 | 5.70 | 5.31 | |
| 26 Methyl tert-butyl ether | 73 | 4.185 | 4.185 | 0.000 | 97 | 993875 | 5.00 | 4.56 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.204 | 0.000 | 93 | 555617 | 5.00 | 4.90 | |
| 31 Acrylonitrile | 53 | 4.316 | 4.316 | 0.000 | 99 | 323168 | NC | NC | |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 95 | 309796 | 5.00 | 4.39 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.698 | 4.698 | 0.000 | 98 | 1389761 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.717 | 4.717 | 0.000 | 96 | 635937 | 5.00 | 4.78 | |
| 33 Vinyl acetate | 86 | 4.758 | 4.758 | 0.000 | 97 | 93376 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.096 | 5.096 | 0.000 | 99 | 1246118 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.366 | 5.366 | 0.000 | 83 | 491294 | 5.00 | 4.76 | |
| 43 2-Butanone (MEK) | 72 | 5.403 | 5.403 | 0.000 | 98 | 188833 | 5.00 | 4.48 | |
| 38 Ethyl acetate | 70 | 5.418 | 5.418 | 0.000 | 99 | 95254 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.474 | 5.474 | 0.000 | 99 | 712531 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.639 | 5.639 | 0.000 | 92 | 478536 | 5.00 | 4.78 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.639 | 5.639 | 0.000 | 91 | 585407 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.714 | 5.714 | 0.000 | 95 | 674213 | 5.00 | 4.82 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 94 | 629862 | 5.00 | 4.50 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.864 | 0.000 | 98 | 658559 | 5.00 | 4.62 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 96 | 617849 | 5.00 | 4.79 | |
| 44 Isooctane | 57 | 6.250 | 6.250 | 0.000 | 97 | 1951667 | 5.00 | 5.10 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 96 | 1044839 | 5.00 | 4.76 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.307 | 0.000 | 0 | 1034265 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.374 | 6.374 | 0.000 | 97 | 1099786 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.393 | 6.393 | 0.000 | 97 | 487267 | 5.00 | 4.68 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 97 | 397936 | 5.00 | 4.62 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2450175 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 95 | 393366 | 5.00 | 4.82 | |
| 52 Ethyl acrylate | 55 | 7.184 | 7.184 | 0.000 | 99 | 893544 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.345 | 7.345 | 0.000 | 96 | 441911 | 5.00 | 4.50 | |
| 55 Methyl methacrylate | 69 | 7.454 | 7.454 | 0.000 | 94 | 420160 | 5.00 | 4.60 | |
| 56 1,4-Dioxane | 88 | 7.476 | 7.476 | 0.000 | 99 | 247832 | 5.00 | 4.62 | |
| 51 Dibromomethane | 174 | 7.491 | 7.491 | 0.000 | 90 | 336072 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 98 | 730295 | 5.00 | 4.71 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.215 | 8.215 | 0.000 | 93 | 684870 | 5.00 | 4.75 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 98 | 1042133 | 5.00 | 4.80 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2883383 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 98 | 1243550 | 5.00 | 4.74 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 89 | 1080890 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 97 | 539844 | 5.00 | 4.70 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 92 | 694430 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 92 | 411960 | 5.00 | 4.81 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 93 | 501431 | 5.00 | 4.33 | |
| 67 2-Hexanone | 43 | 9.336 | 9.336 | 0.000 | 99 | 997112 | 5.00 | 4.89 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 90 | 494660 | 5.00 | 4.99 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 98 | 612934 | 5.00 | 4.98 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2430159 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 91 | 907607 | 5.00 | 4.80 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 1631487 | 5.00 | 4.88 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 94 | 471688 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 2497927 | 10.0 | 9.88 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 1274882 | 5.00 | 4.77 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 95 | 914598 | 5.00 | 4.93 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 94 | 554495 | 5.00 | 4.94 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 97 | 1666760 | 5.00 | 4.94 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 96 | 481065 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 93 | 979219 | 5.00 | 4.92 | M |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 99 | 436555 | 5.00 | 4.75 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 85 | 249835 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 98 | 1628597 | 5.00 | 5.05 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 94 | 379651 | 5.00 | 4.70 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 1398403 | 5.00 | 4.92 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 703700 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.394 | 11.394 | 0.000 | 93 | 1241313 | 5.00 | 4.93 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.439 | 11.439 | 0.000 | 98 | 1391839 | 5.00 | 4.85 | |
| 87 sec-Butylbenzene | 105 | 11.540 | 11.540 | 0.000 | 95 | 1989049 | 5.00 | 4.89 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 1600871 | 5.00 | 4.75 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 96 | 843614 | 5.00 | 4.92 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 847787 | 5.00 | 4.84 | |
| 92 Benzyl chloride | 126 | 11.810 | 11.810 | 0.000 | 99 | 239146 | 5.00 | 4.75 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 903313 | 5.00 | 4.84 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 786814 | 5.00 | 4.73 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 95 | 523464 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 76 | 401944 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.983 | 12.983 | 0.000 | 94 | 562688 | 5.00 | 4.06 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 459771 | 5.00 | 4.34 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 98 | 1376714 | 5.00 | 4.02 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 1046911 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.45 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 3772809 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00617 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D

Injection Date: 29-Aug-2025 22:54:27 Instrument ID: HP26379

Lims ID: ICISAV CAL 5 PPB

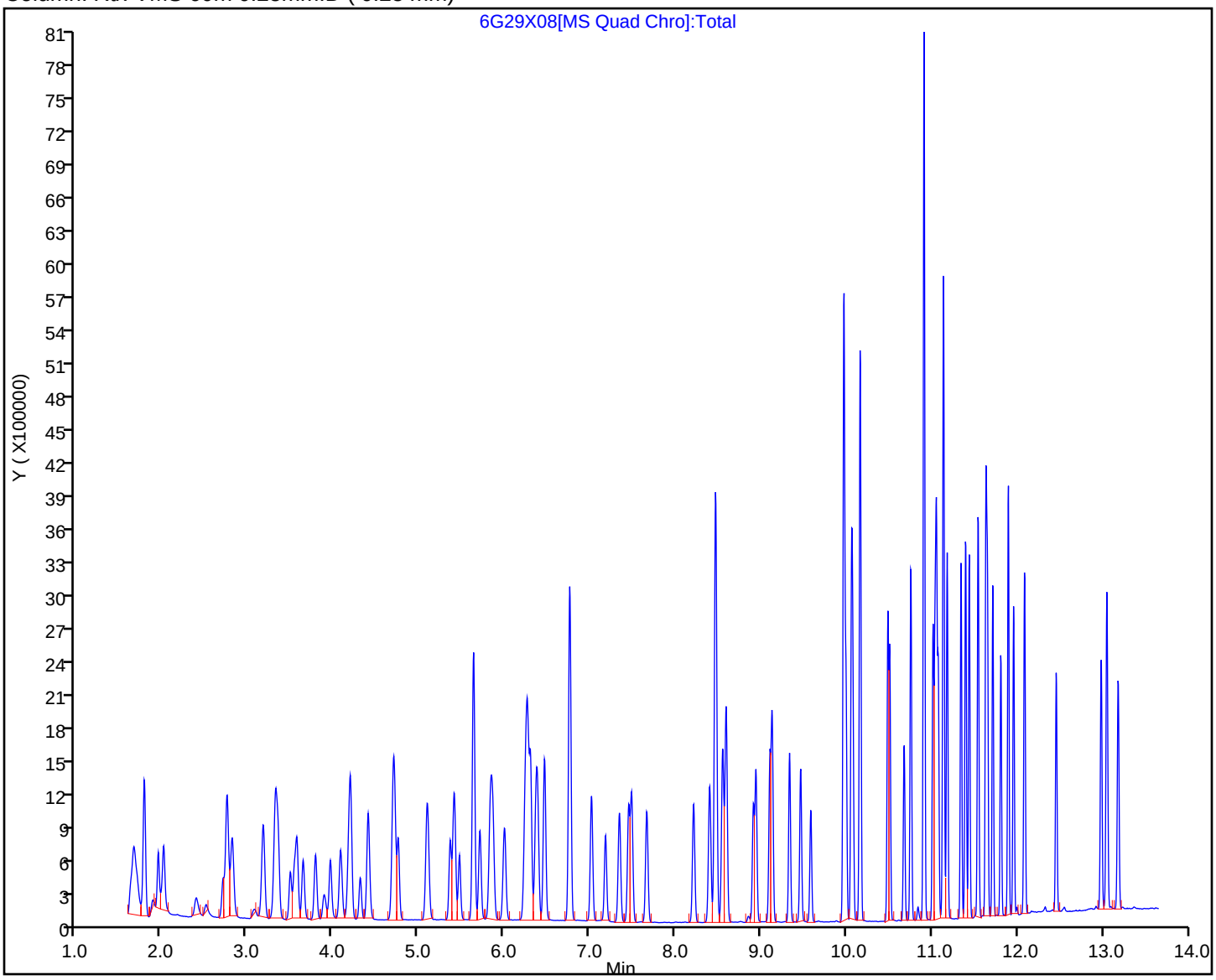
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

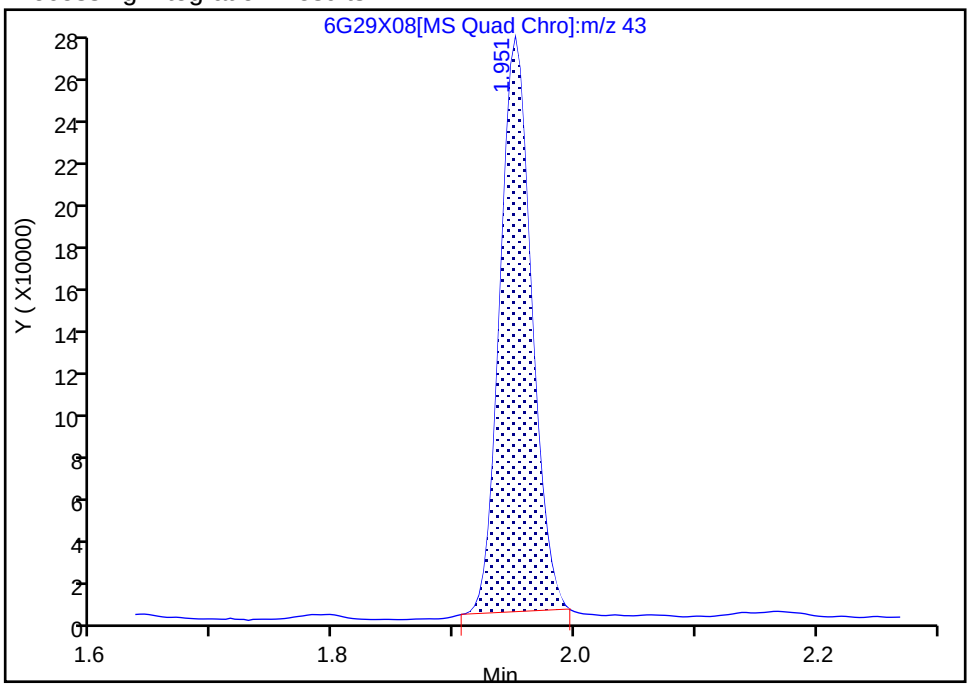
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D | | | | |
| Injection Date: | 29-Aug-2025 22:54:27 | Instrument ID: | HP26379 | | |
| Lims ID: | ICISAV CAL 5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

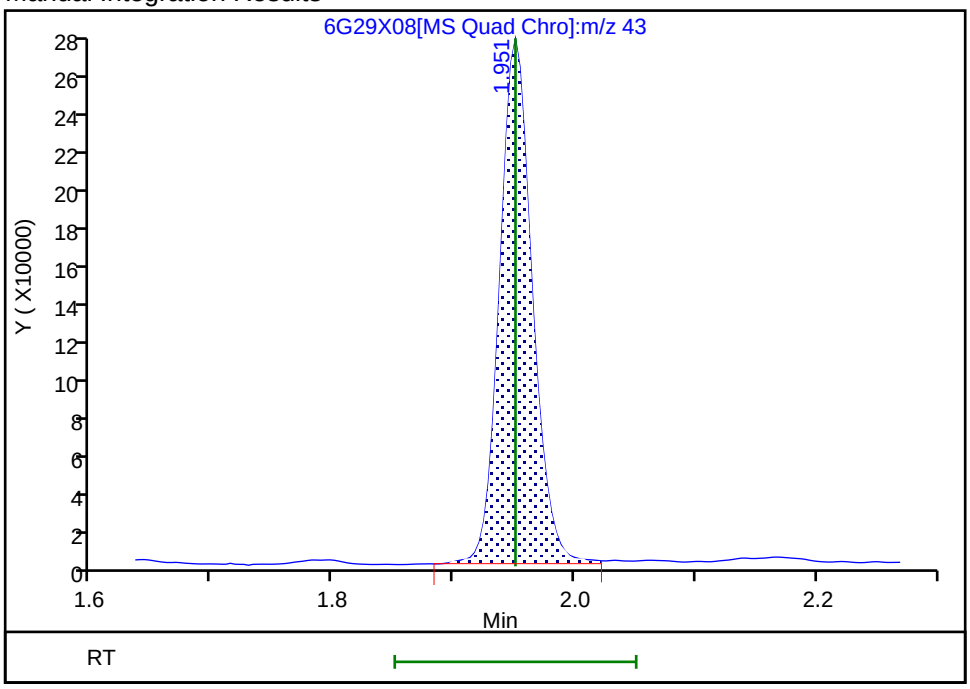
Processing Integration Results

RT: 1.95
Area: 496508
Amount: 4.992790
Amount Units: ppb v/v




Manual Integration Results

RT: 1.95
Area: 519446
Amount: 4.477700
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:09:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

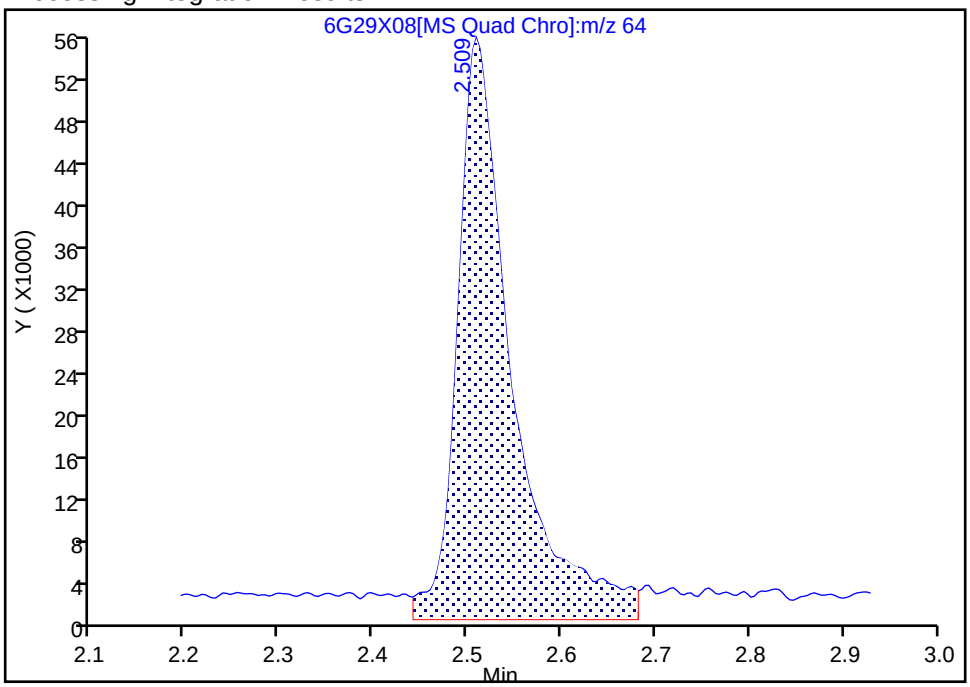
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D | | | | |
| Injection Date: | 29-Aug-2025 22:54:27 | Instrument ID: | HP26379 | | |
| Lims ID: | ICISAV CAL 5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

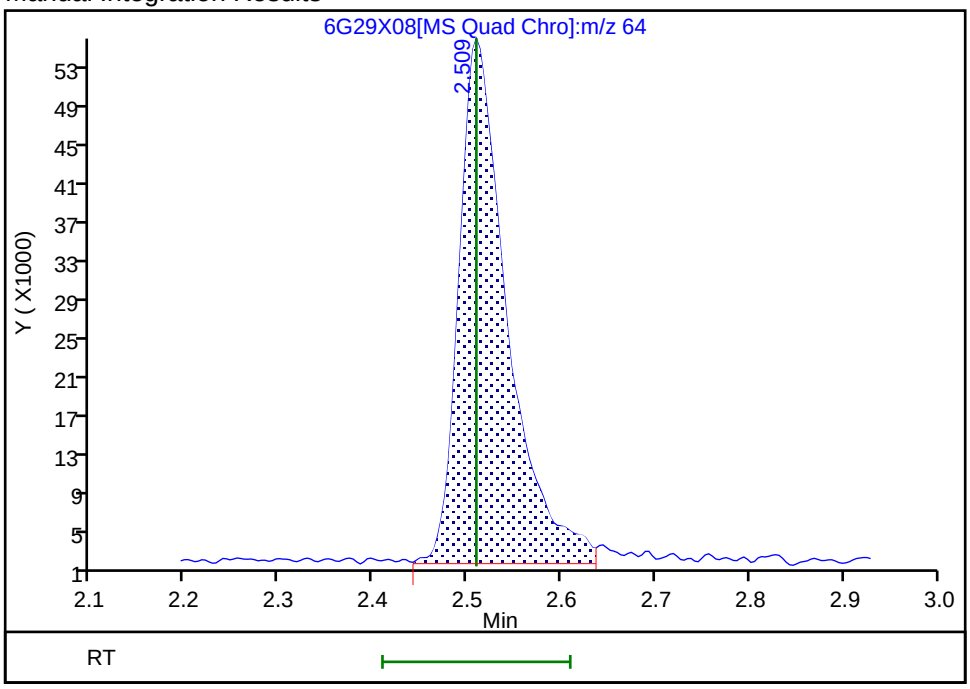
Processing Integration Results

RT: 2.51
Area: 226706
Amount: 1.754574
Amount Units: ppb v/v




Manual Integration Results

RT: 2.51
Area: 191687
Amount: 4.643609
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:24:22 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

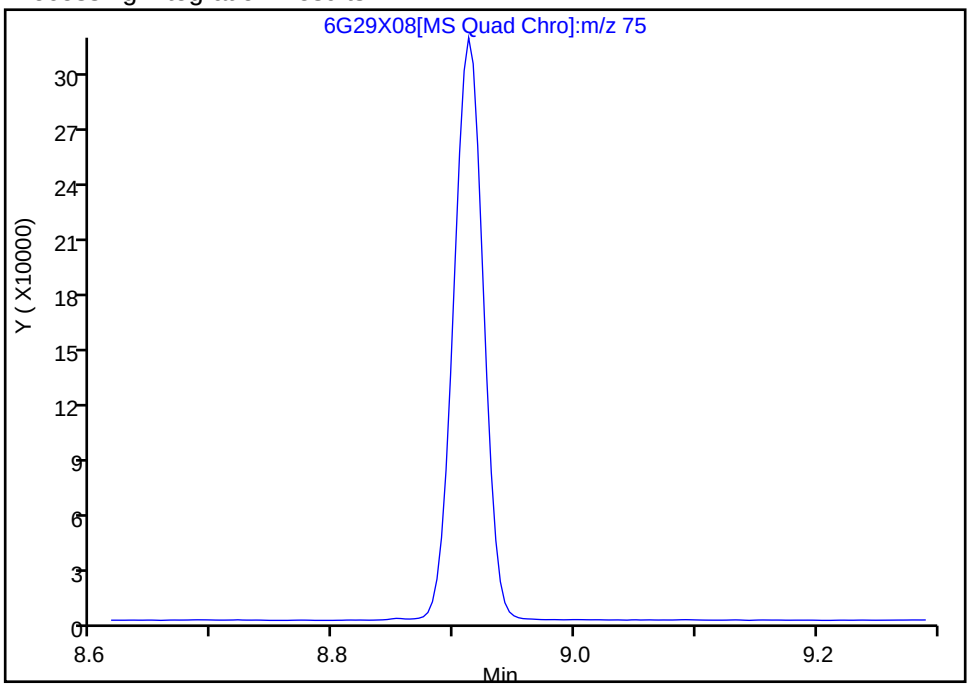
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D | | | | |
| Injection Date: | 29-Aug-2025 22:54:27 | Instrument ID: | HP26379 | | |
| Lims ID: | ICISAV CAL 5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

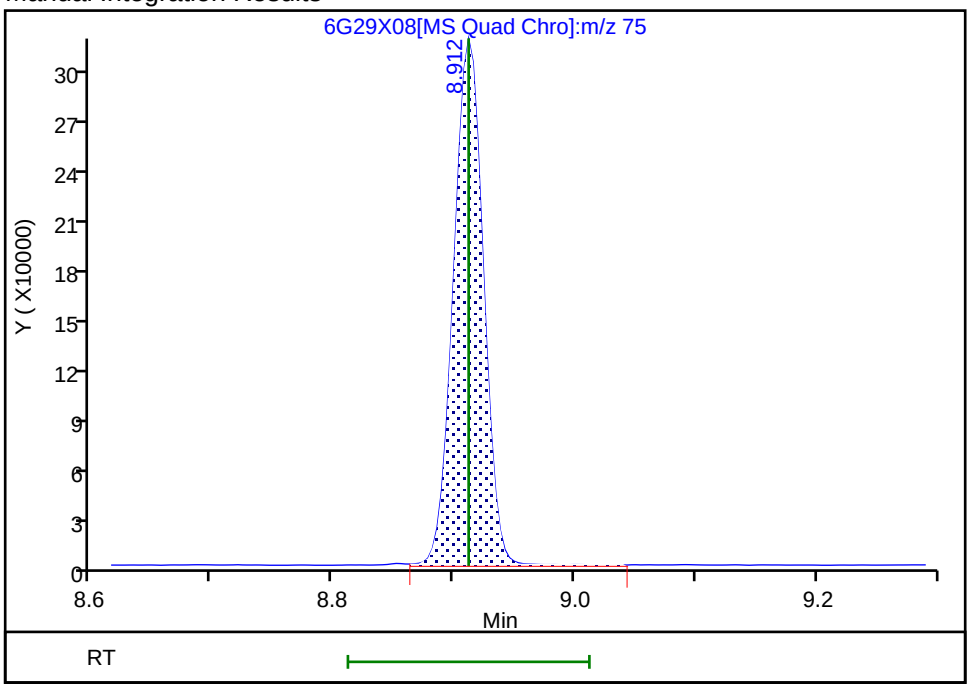
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.91
Area: 539844
Amount: 4.704023
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:25:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

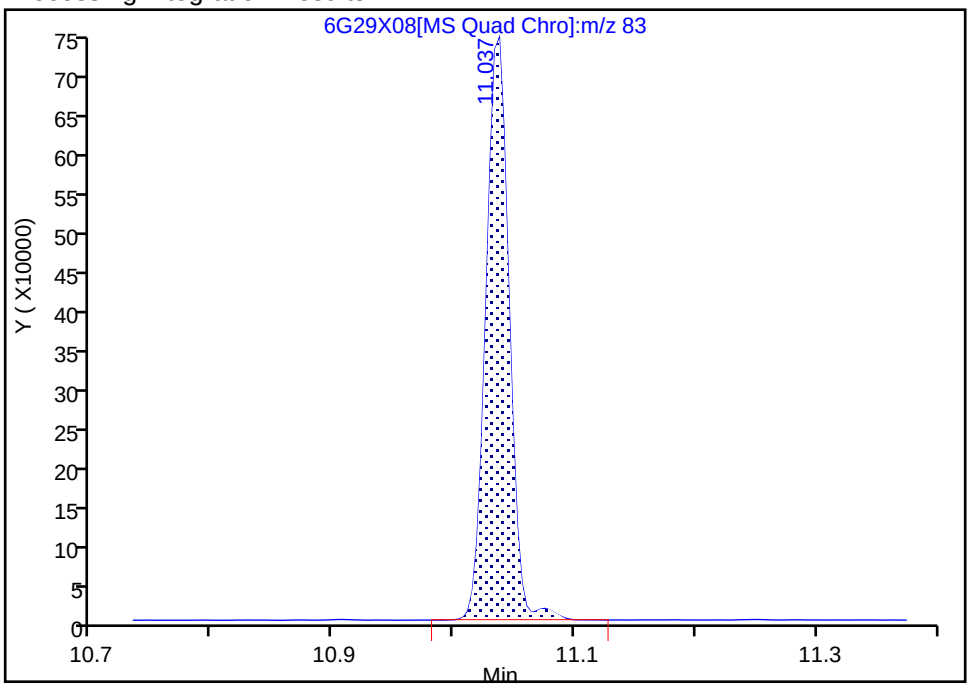
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X08.D | | | | |
| Injection Date: | 29-Aug-2025 22:54:27 | Instrument ID: | HP26379 | | |
| Lims ID: | ICISAV CAL 5 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

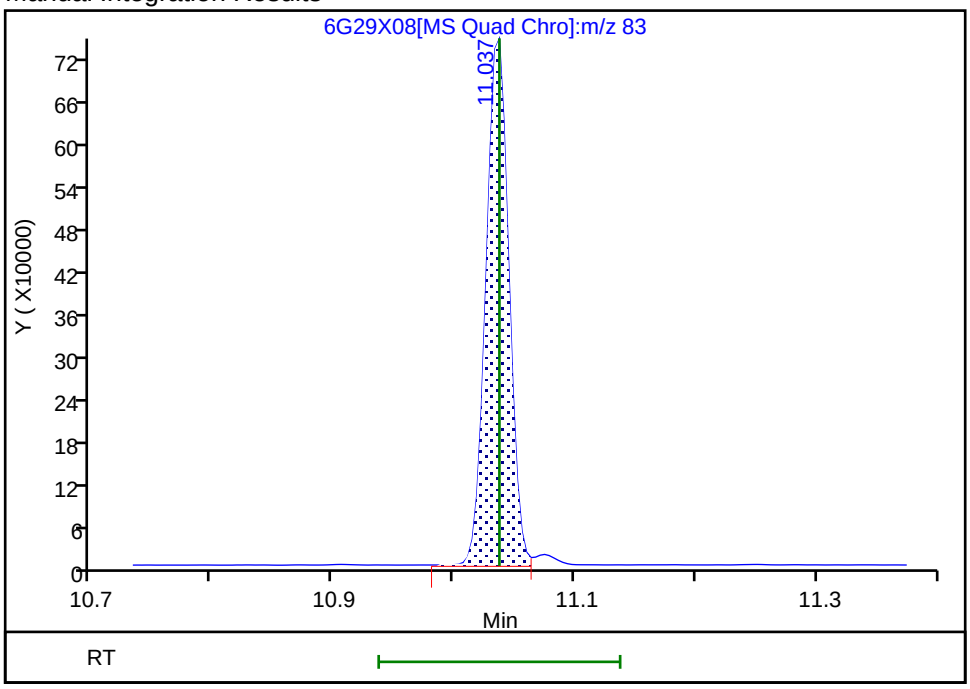
Processing Integration Results

RT: 11.04
Area: 999367
Amount: 4.634853
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 979219
Amount: 4.922025
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:25:57 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D
Lims ID: IC CAL 10 PPB
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Aug-2025 23:22:56 ALS Bottle#: 4 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 10 PPB
Misc. Info.: 410-0158236-010
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:29 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: ZM3Q Date: 03-Sep-2025 12:06:35

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.636 | 1.632 | 0.004 | 97 | 628748 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.670 | 1.666 | 0.004 | 99 | 1643431 | 10.0 | 10.5 | |
| 3 Chlorodifluoromethane | 51 | 1.711 | 1.703 | 0.008 | 97 | 1141256 | 10.0 | 9.97 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.789 | 1.786 | 0.003 | 97 | 1845555 | 10.0 | 10.5 | |
| 5 Chloromethane | 50 | 1.891 | 1.887 | 0.004 | 99 | 625071 | 10.0 | 10.2 | |
| 124 Butane | 43 | 1.954 | 1.951 | 0.003 | 100 | 1033492 | 10.0 | 9.18 | M |
| 6 Vinyl chloride | 62 | 1.999 | 1.996 | 0.003 | 98 | 698988 | 10.0 | 9.41 | |
| 7 Butadiene | 54 | 2.018 | 2.014 | 0.004 | 89 | 548886 | 10.0 | 9.14 | |
| 8 Bromomethane | 94 | 2.397 | 2.397 | 0.000 | 91 | 479652 | 10.0 | 10.5 | |
| 9 Chloroethane | 64 | 2.517 | 2.509 | 0.008 | 100 | 423851 | 10.0 | 10.6 | |
| 10 Vinyl bromide | 106 | 2.708 | 2.708 | 0.000 | 98 | 584067 | 10.0 | 9.80 | |
| 12 Trichlorofluoromethane | 101 | 2.749 | 2.753 | -0.004 | 98 | 1568398 | 10.0 | 10.0 | |
| 13 Dichlorofluoromethane | 67 | 2.768 | 2.760 | 0.008 | 97 | 1554520 | NC | NC | |
| 11 Pentane | 43 | 2.817 | 2.817 | 0.000 | 96 | 1341263 | NC | NC | |
| 14 Ethanol | 45 | 3.090 | 3.072 | 0.018 | 100 | 299078 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.319 | 3.323 | -0.004 | 97 | 750099 | 10.0 | 10.0 | |
| 19 Acrolein | 56 | 3.330 | 3.323 | 0.007 | 98 | 338797 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.356 | 3.353 | 0.003 | 93 | 1069271 | 10.0 | 9.87 | |
| 23 Acetone | 43 | 3.506 | 3.495 | 0.011 | 99 | 1224762 | 10.0 | 9.08 | |
| 18 Iodomethane | 142 | 3.548 | 3.544 | 0.004 | 99 | 1181679 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.574 | 0.000 | 100 | 2042289 | 10.0 | 9.62 | |
| 20 Isopropyl alcohol | 45 | 3.660 | 3.645 | 0.015 | 99 | 1592157 | 10.0 | 8.88 | |
| 21 3-Chloro-1-propene | 41 | 3.795 | 3.791 | 0.004 | 92 | 1023726 | 10.0 | 9.39 | |
| 28 Acetonitrile | 41 | 3.907 | 3.893 | 0.015 | 99 | 761225 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.967 | 3.964 | 0.003 | 99 | 541319 | 10.0 | 9.03 | |
| 27 2-Methyl-2-propanol | 59 | 4.095 | 4.084 | 0.011 | 99 | 1812888 | 11.4 | 11.0 | |
| 26 Methyl tert-butyl ether | 73 | 4.189 | 4.185 | 0.004 | 97 | 1977544 | 10.0 | 9.35 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.204 | 0.000 | 93 | 1113528 | 10.0 | 10.1 | |
| 31 Acrylonitrile | 53 | 4.320 | 4.316 | 0.004 | 99 | 645239 | NC | NC | |
| 25 Hexane | 56 | 4.406 | 4.406 | 0.000 | 96 | 608096 | 10.0 | 8.87 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.702 | 4.698 | 0.004 | 98 | 2762428 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.721 | 4.717 | 0.004 | 96 | 1281319 | 10.0 | 9.93 | |
| 33 Vinyl acetate | 86 | 4.762 | 4.758 | 0.004 | 97 | 192806 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.100 | 5.096 | 0.004 | 100 | 2482254 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.369 | 5.366 | 0.003 | 83 | 988371 | 10.0 | 9.86 | |
| 43 2-Butanone (MEK) | 72 | 5.407 | 5.403 | 0.004 | 99 | 379224 | 10.0 | 9.26 | |
| 38 Ethyl acetate | 70 | 5.422 | 5.418 | 0.004 | 99 | 196594 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.478 | 5.474 | 0.004 | 99 | 1444685 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.643 | 5.639 | 0.004 | 89 | 954940 | 10.0 | 9.82 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.639 | 0.004 | 91 | 568297 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.714 | 5.714 | 0.000 | 95 | 1369764 | 10.0 | 10.1 | |
| 36 Cyclohexane | 56 | 5.838 | 5.834 | 0.004 | 94 | 1248358 | 10.0 | 9.18 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.864 | 0.000 | 98 | 1327495 | 10.0 | 9.60 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 97 | 1222822 | 10.0 | 9.77 | |
| 44 Isooctane | 57 | 6.250 | 6.250 | 0.000 | 97 | 3920441 | 10.0 | 10.1 | |
| 46 Benzene | 78 | 6.277 | 6.273 | 0.004 | 96 | 2114863 | 10.0 | 9.48 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.307 | 0.000 | 0 | 1035525 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.374 | 6.374 | 0.000 | 97 | 2212248 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.393 | 6.393 | 0.000 | 97 | 976257 | 10.0 | 9.22 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 96 | 804996 | 10.0 | 9.20 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.764 | 0.004 | 97 | 2489198 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.019 | 0.000 | 94 | 784968 | 10.0 | 9.46 | |
| 52 Ethyl acrylate | 55 | 7.184 | 7.184 | 0.000 | 99 | 1839096 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.345 | 7.345 | 0.000 | 96 | 883671 | 10.0 | 8.86 | |
| 55 Methyl methacrylate | 69 | 7.454 | 7.454 | 0.000 | 94 | 864452 | 10.0 | 9.31 | |
| 56 1,4-Dioxane | 88 | 7.480 | 7.476 | 0.004 | 99 | 494831 | 10.0 | 9.09 | |
| 51 Dibromomethane | 174 | 7.491 | 7.491 | 0.000 | 90 | 677895 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.667 | 7.664 | 0.003 | 98 | 1488043 | 10.0 | 9.45 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.215 | 8.215 | 0.000 | 93 | 1392318 | 10.0 | 9.50 | a |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 98 | 2102262 | 10.0 | 9.53 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 94 | 2896706 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 98 | 2474558 | 10.0 | 9.35 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 89 | 2131496 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 90 | 1118368 | 10.0 | 9.66 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 91 | 1441448 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 92 | 835926 | 10.0 | 9.66 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 93 | 1010066 | 10.0 | 8.65 | |
| 67 2-Hexanone | 43 | 9.335 | 9.336 | -0.001 | 98 | 2005132 | 10.0 | 9.75 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 90 | 1007306 | 10.0 | 10.1 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 98 | 1243445 | 10.0 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 91 | 2452351 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 90 | 1803043 | 10.0 | 9.45 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 3220565 | 10.0 | 9.55 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 94 | 936946 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 4918902 | 20.0 | 19.3 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 2527225 | 10.0 | 9.37 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 94 | 1859816 | 10.0 | 9.94 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 95 | 1152458 | 10.0 | 10.2 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 97 | 3313097 | 10.0 | 9.72 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 96 | 966966 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 93 | 1949733 | 10.0 | 9.71 | M |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 98 | 879388 | 10.0 | 9.47 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 87 | 487662 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 98 | 3228926 | 10.0 | 9.92 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 94 | 763283 | 10.0 | 9.36 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 2789921 | 10.0 | 9.73 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 93 | 1456751 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 93 | 2504845 | 10.0 | 9.86 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.438 | 11.439 | 0.000 | 98 | 2774180 | 10.0 | 9.58 | |
| 87 sec-Butylbenzene | 105 | 11.543 | 11.540 | 0.003 | 96 | 3957101 | 10.0 | 9.64 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 3214289 | 10.0 | 9.46 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 96 | 1683159 | 10.0 | 9.73 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 92 | 1696729 | 10.0 | 9.60 | |
| 92 Benzyl chloride | 126 | 11.810 | 11.810 | 0.000 | 99 | 494437 | 10.0 | 9.74 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 1815721 | 10.0 | 9.63 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 1582880 | 10.0 | 9.43 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 95 | 1065984 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.458 | 12.454 | 0.004 | 83 | 830920 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.983 | 12.983 | 0.000 | 93 | 1153240 | 10.0 | 8.24 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 944905 | 10.0 | 8.85 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 98 | 2858567 | 10.0 | 8.26 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 2101899 | 20.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 20.0 | 19.2 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 7446127 | 30.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00617 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:30 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D

Injection Date: 29-Aug-2025 23:22:56 Instrument ID: HP26379

Lims ID: IC CAL 10 PPB

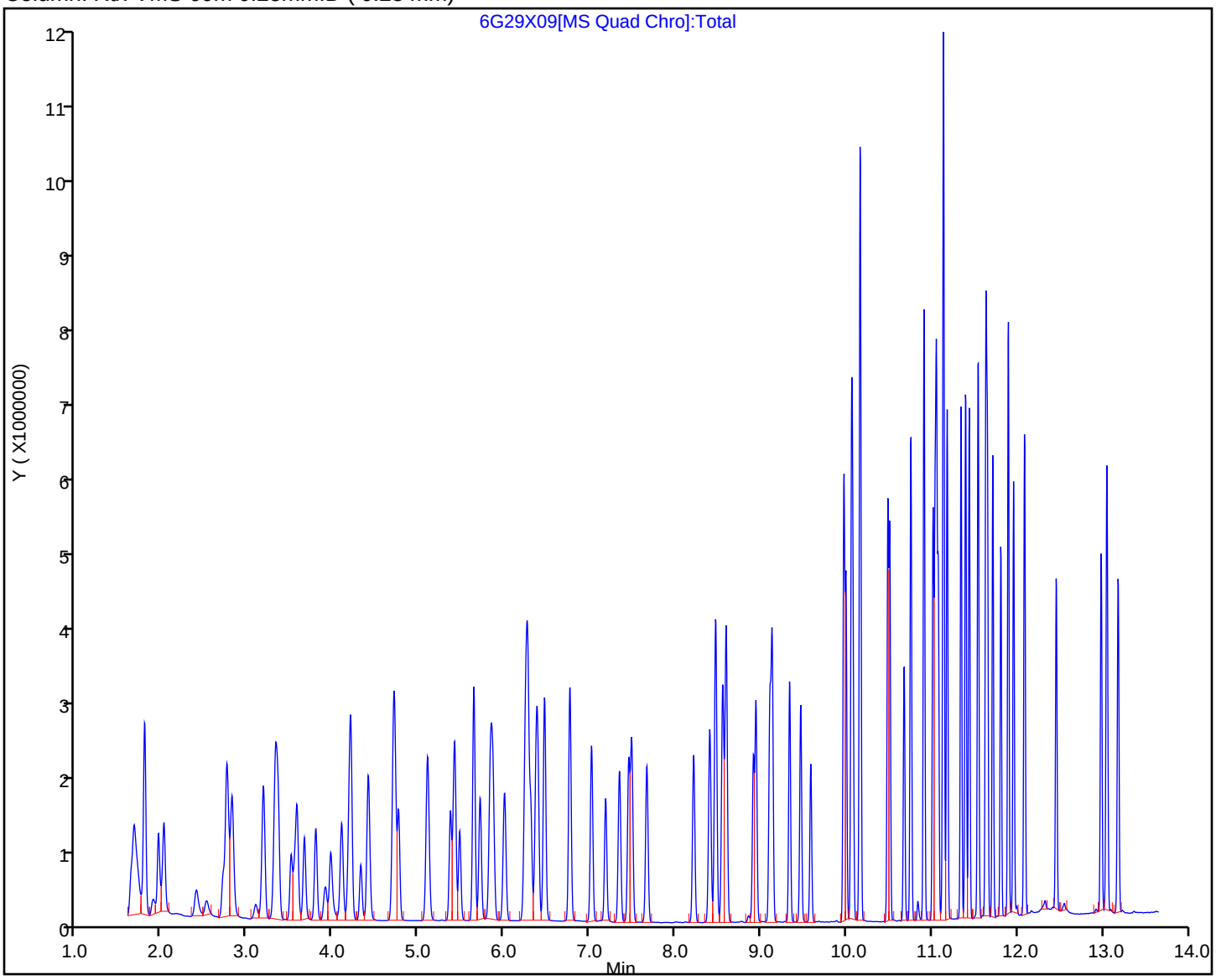
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 9

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

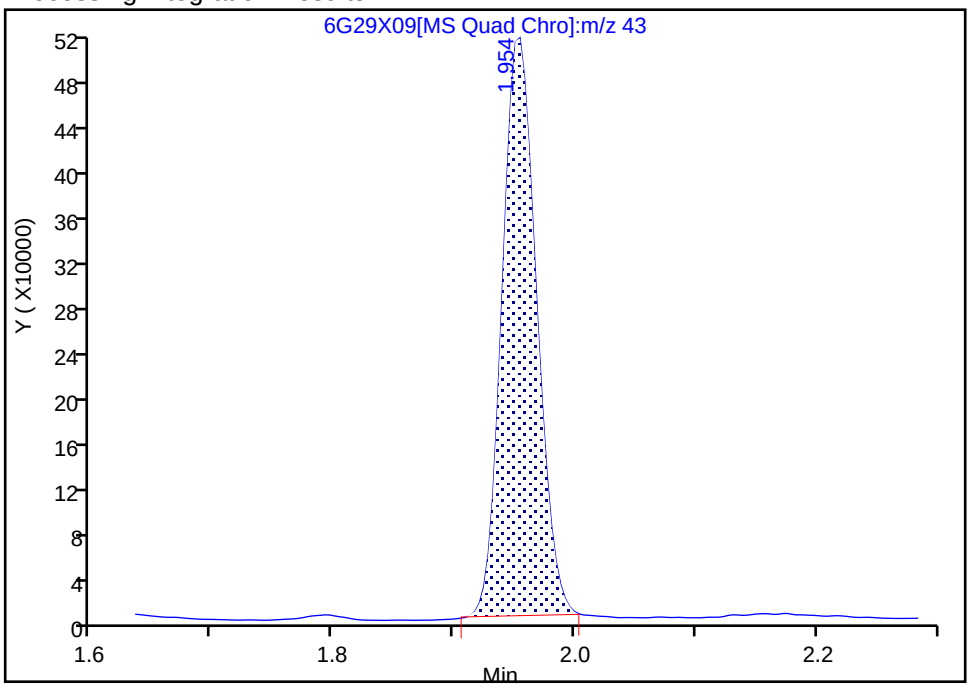
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D | | | | |
| Injection Date: | 29-Aug-2025 23:22:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 10 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

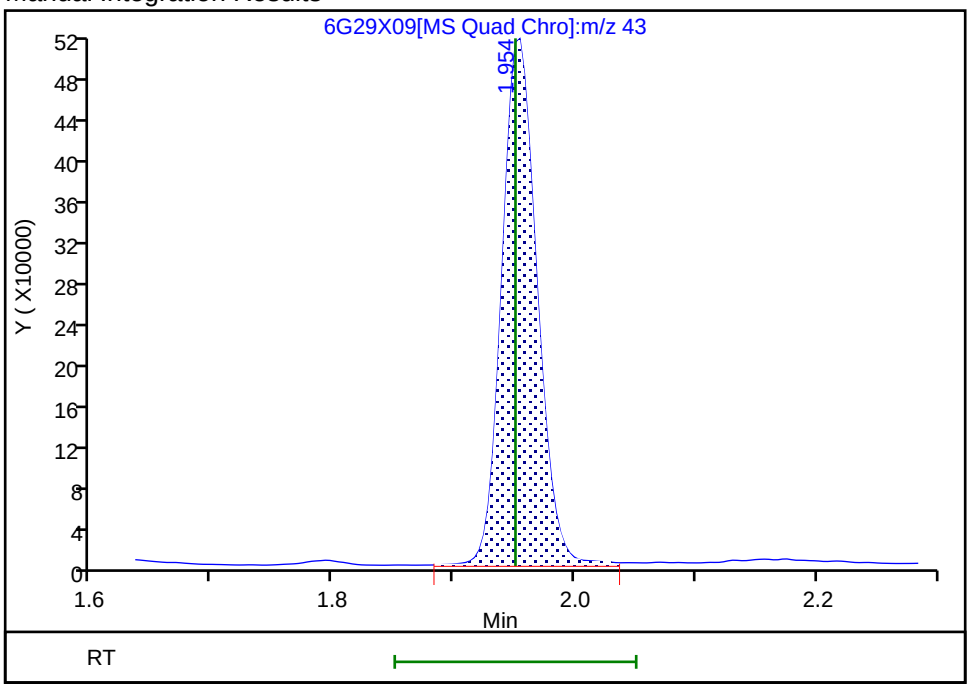
Processing Integration Results

RT: 1.95
Area: 1003515
Amount: 9.033998
Amount Units: ppb v/v




Manual Integration Results

RT: 1.95
Area: 1033492
Amount: 9.177074
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:10:22 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

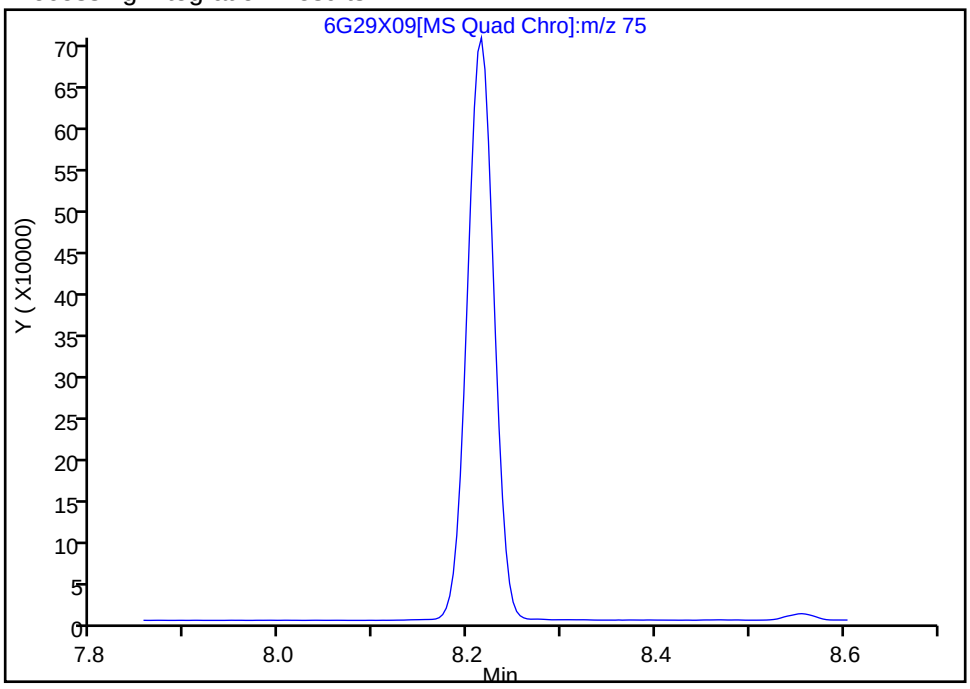
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D | | | | |
| Injection Date: | 29-Aug-2025 23:22:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 10 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 57 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

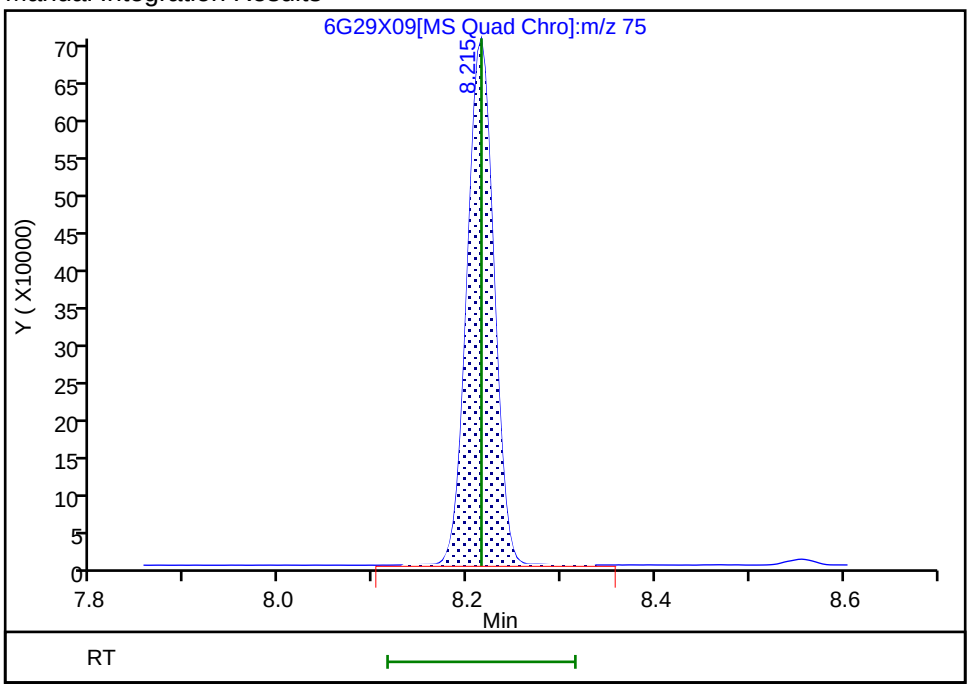
Not Detected
Expected RT: 8.21

Processing Integration Results




Manual Integration Results

RT: 8.21
Area: 1392318
Amount: 9.503401
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:28:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

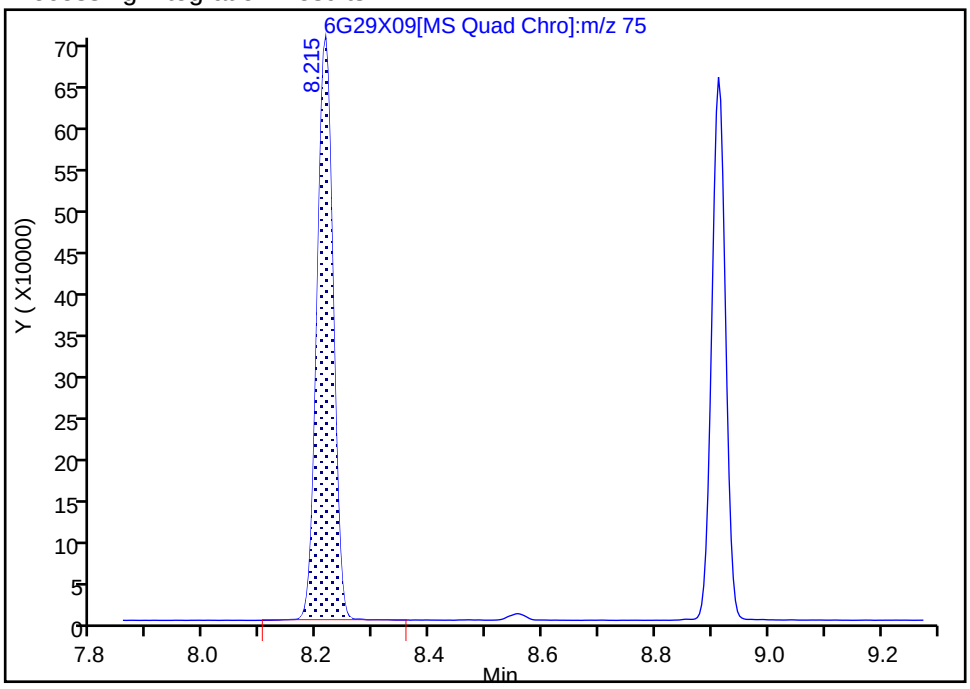
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D | | | | |
| Injection Date: | 29-Aug-2025 23:22:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 10 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

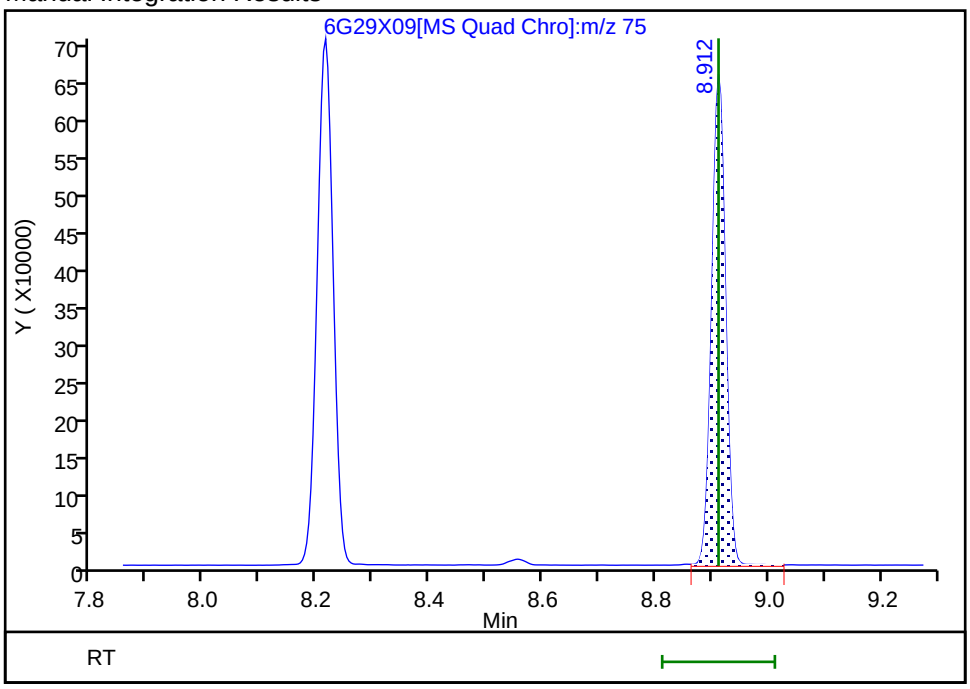
Processing Integration Results

RT: 8.21
Area: 1392318
Amount: 9.998511
Amount Units: ppb v/v




Manual Integration Results

RT: 8.91
Area: 1118368
Amount: 9.656905
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:28:18 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

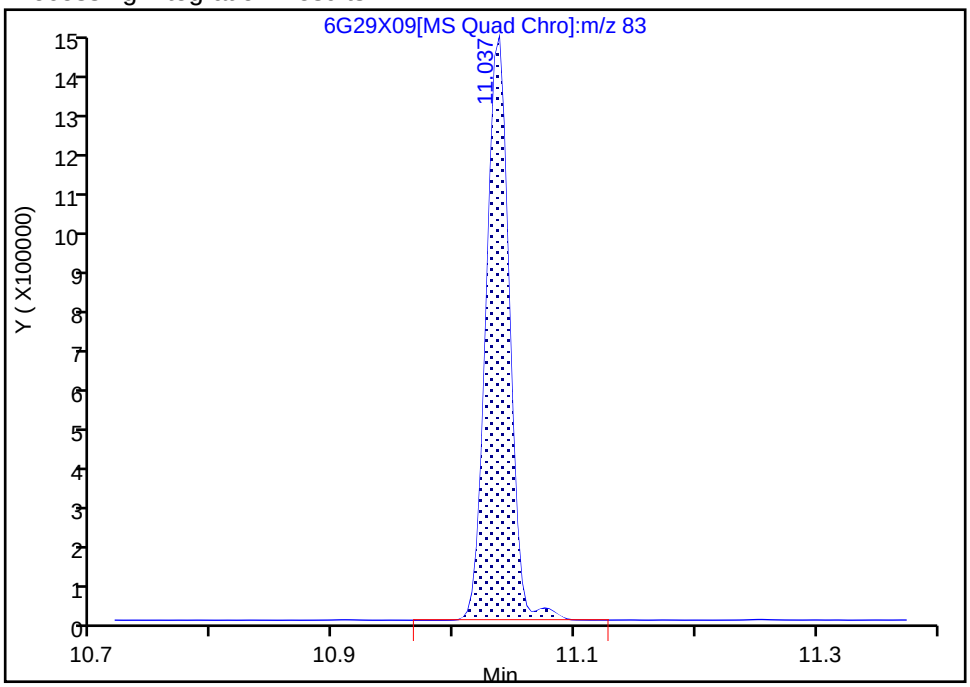
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X09.D | | | | |
| Injection Date: | 29-Aug-2025 23:22:56 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 10 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

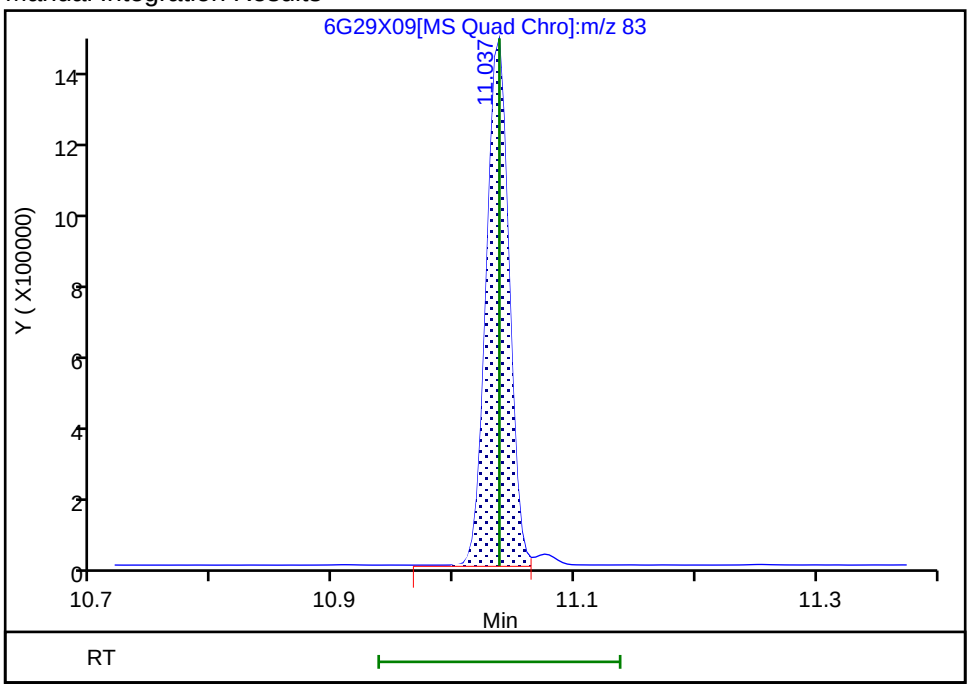
Processing Integration Results

RT: 11.04
Area: 1989999
Amount: 9.167091
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 1949733
Amount: 9.711608
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:28:32 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D
Lims ID: IC CAL 25 PPB
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Aug-2025 23:57:27 ALS Bottle#: 4 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 25 PPB
Misc. Info.: 410-0158236-011
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub1

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:33 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 12:38:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.643 | 1.632 | 0.011 | 98 | 1542852 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.677 | 1.666 | 0.011 | 99 | 3908252 | 25.0 | 25.3 | |
| 3 Chlorodifluoromethane | 51 | 1.718 | 1.703 | 0.015 | 97 | 2866785 | 25.0 | 25.3 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.797 | 1.786 | 0.011 | 97 | 4840858 | 25.0 | 27.9 | |
| 5 Chloromethane | 50 | 1.891 | 1.887 | 0.004 | 99 | 1090245 | 25.0 | 24.9 | M |
| 124 Butane | 43 | 1.958 | 1.951 | 0.007 | 100 | 2451445 | 25.0 | 22.0 | M |
| 6 Vinyl chloride | 62 | 2.007 | 1.996 | 0.011 | 98 | 1718628 | 25.0 | 23.4 | |
| 7 Butadiene | 54 | 2.026 | 2.014 | 0.012 | 91 | 1350988 | 25.0 | 22.7 | |
| 8 Bromomethane | 94 | 2.401 | 2.397 | 0.004 | 91 | 1152184 | 25.0 | 25.5 | |
| 9 Chloroethane | 64 | 2.521 | 2.509 | 0.012 | 100 | 885817 | 25.0 | 22.3 | |
| 10 Vinyl bromide | 106 | 2.716 | 2.708 | 0.008 | 98 | 1450120 | 25.0 | 24.6 | |
| 12 Trichlorofluoromethane | 101 | 2.749 | 2.753 | -0.004 | 98 | 4061958 | 25.0 | 26.3 | |
| 13 Dichlorofluoromethane | 67 | 2.776 | 2.760 | 0.016 | 97 | 3884863 | NC | NC | |
| 11 Pentane | 43 | 2.813 | 2.817 | -0.004 | 97 | 3282768 | NC | NC | |
| 14 Ethanol | 45 | 3.113 | 3.072 | 0.041 | 98 | 756984 | NC | NC | M |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.319 | 3.323 | -0.004 | 97 | 1883338 | 25.0 | 25.5 | |
| 19 Acrolein | 56 | 3.342 | 3.323 | 0.019 | 99 | 853015 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.357 | 3.353 | 0.004 | 93 | 2689254 | 25.0 | 25.1 | |
| 23 Acetone | 43 | 3.522 | 3.495 | 0.027 | 99 | 2976012 | 25.0 | 22.3 | |
| 18 Iodomethane | 142 | 3.552 | 3.544 | 0.008 | 99 | 2463162 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.574 | 0.000 | 100 | 5011032 | 25.0 | 23.9 | |
| 20 Isopropyl alcohol | 45 | 3.686 | 3.645 | 0.041 | 99 | 3980898 | 25.0 | 22.4 | |
| 21 3-Chloro-1-propene | 41 | 3.795 | 3.791 | 0.004 | 92 | 2549751 | 25.0 | 23.6 | |
| 28 Acetonitrile | 41 | 3.919 | 3.893 | 0.027 | 99 | 1905100 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.979 | 3.964 | 0.015 | 99 | 1351615 | 25.0 | 22.8 | |
| 27 2-Methyl-2-propanol | 59 | 4.118 | 4.084 | 0.034 | 99 | 4594935 | 28.5 | 28.1 | |
| 26 Methyl tert-butyl ether | 73 | 4.196 | 4.185 | 0.011 | 97 | 4985960 | 25.0 | 23.8 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.208 | 4.204 | 0.004 | 93 | 2764771 | 25.0 | 25.4 | |
| 31 Acrylonitrile | 53 | 4.331 | 4.316 | 0.015 | 98 | 1536135 | NC | NC | M |
| 25 Hexane | 56 | 4.410 | 4.406 | 0.004 | 95 | 1547268 | 25.0 | 22.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.710 | 4.698 | 0.012 | 98 | 6878030 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.725 | 4.717 | 0.008 | 96 | 3247773 | 25.0 | 25.4 | |
| 33 Vinyl acetate | 86 | 4.770 | 4.758 | 0.012 | 97 | 484261 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 5.107 | 5.096 | 0.011 | 99 | 6219721 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.373 | 5.366 | 0.007 | 83 | 2484118 | 25.0 | 25.0 | |
| 43 2-Butanone (MEK) | 72 | 5.418 | 5.403 | 0.015 | 97 | 981554 | 25.0 | 24.2 | |
| 38 Ethyl acetate | 70 | 5.430 | 5.418 | 0.012 | 99 | 493739 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.486 | 5.474 | 0.012 | 99 | 3646846 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.651 | 5.639 | 0.012 | 91 | 2422095 | 25.0 | 25.2 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.651 | 5.639 | 0.012 | 86 | 562462 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.718 | 5.714 | 0.004 | 95 | 3477715 | 25.0 | 25.9 | |
| 36 Cyclohexane | 56 | 5.838 | 5.834 | 0.004 | 94 | 3109441 | 25.0 | 23.1 | |
| 42 1,1,1-Trichloroethane | 97 | 5.868 | 5.864 | 0.004 | 97 | 3322533 | 25.0 | 24.3 | |
| 40 Carbon tetrachloride | 117 | 6.003 | 5.999 | 0.004 | 97 | 3035474 | 25.0 | 24.5 | |
| 44 Isooctane | 57 | 6.251 | 6.250 | 0.001 | 97 | 9771598 | 25.0 | 24.6 | |
| 46 Benzene | 78 | 6.277 | 6.273 | 0.004 | 96 | 5284172 | 25.0 | 23.2 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.314 | 6.307 | 0.007 | 0 | 1038929 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.378 | 6.374 | 0.004 | 97 | 5538803 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.397 | 6.393 | 0.004 | 97 | 2444330 | 25.0 | 22.6 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 96 | 2017873 | 25.0 | 22.5 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.764 | 0.004 | 97 | 2546096 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.023 | 7.019 | 0.004 | 94 | 1995569 | 25.0 | 23.5 | |
| 52 Ethyl acrylate | 55 | 7.188 | 7.184 | 0.004 | 99 | 4684848 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.349 | 7.345 | 0.004 | 96 | 2212326 | 25.0 | 21.7 | |
| 55 Methyl methacrylate | 69 | 7.458 | 7.454 | 0.004 | 95 | 2196464 | 25.0 | 23.1 | |
| 56 1,4-Dioxane | 88 | 7.484 | 7.476 | 0.008 | 97 | 1257357 | 25.0 | 22.6 | |
| 51 Dibromomethane | 174 | 7.495 | 7.491 | 0.004 | 92 | 1727912 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.668 | 7.664 | 0.004 | 98 | 3772710 | 25.0 | 23.4 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.215 | 8.215 | 0.000 | 93 | 3547761 | 25.0 | 23.7 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.402 | 8.402 | 0.000 | 98 | 5298939 | 25.0 | 23.5 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 3003233 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 98 | 6170445 | 25.0 | 22.4 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 90 | 5241772 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 96 | 2863118 | 25.0 | 23.7 | a |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 90 | 3658891 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 92 | 2110287 | 25.0 | 23.4 | |
| 61 Tetrachloroethene | 166 | 9.133 | 9.133 | 0.000 | 93 | 2635733 | 25.0 | 21.6 | |
| 67 2-Hexanone | 43 | 9.336 | 9.336 | 0.000 | 98 | 5009351 | 25.0 | 23.3 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 91 | 2614000 | 25.0 | 25.0 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 98 | 3178913 | 25.0 | 24.5 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.973 | 9.973 | 0.000 | 90 | 2558917 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 90 | 4525568 | 25.0 | 22.7 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 7853540 | 25.0 | 22.3 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 95 | 2383019 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 97 | 11504075 | 50.0 | 43.2 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 6275982 | 25.0 | 22.3 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 94 | 4736580 | 25.0 | 24.3 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 94 | 3032693 | 25.0 | 25.7 | |
| 76 Isopropylbenzene | 105 | 10.753 | 10.756 | -0.003 | 98 | 8053133 | 25.0 | 22.6 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 97 | 2468901 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.038 | 11.037 | 0.001 | 94 | 4821117 | 25.0 | 23.0 | M |
| 77 N-Propylbenzene | 120 | 11.053 | 11.052 | 0.001 | 98 | 2226983 | 25.0 | 23.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 85 | 1246738 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 98 | 7849533 | 25.0 | 23.1 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 94 | 1933309 | 25.0 | 22.7 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 6824495 | 25.0 | 22.8 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 92 | 3734003 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 93 | 6215020 | 25.0 | 23.4 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.439 | 11.439 | 0.001 | 99 | 6795821 | 25.0 | 22.5 | |
| 87 sec-Butylbenzene | 105 | 11.540 | 11.540 | 0.000 | 96 | 9382461 | 25.0 | 21.9 | |
| 88 4-Isopropyltoluene | 119 | 11.634 | 11.633 | 0.001 | 96 | 7809547 | 25.0 | 22.0 | |
| 89 1,3-Dichlorobenzene | 146 | 11.649 | 11.652 | -0.003 | 96 | 4244085 | 25.0 | 23.5 | |
| 90 1,4-Dichlorobenzene | 146 | 11.712 | 11.712 | 0.000 | 91 | 4255327 | 25.0 | 23.1 | |
| 92 Benzyl chloride | 126 | 11.806 | 11.810 | -0.004 | 100 | 1316371 | 25.0 | 24.8 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 97 | 4564404 | 25.0 | 23.2 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 4009288 | 25.0 | 22.9 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 95 | 2657058 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.455 | 12.454 | 0.001 | 83 | 2160795 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.979 | 12.983 | -0.004 | 93 | 2970509 | 25.0 | 20.3 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 2450124 | 25.0 | 22.0 | |
| 98 Naphthalene | 128 | 13.178 | 13.178 | 0.000 | 98 | 7217681 | 25.0 | 20.0 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 5248889 | 50.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 50.0 | 47.4 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 17780057 | 75.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00617 | Amount Added: 500.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:35 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Injection Date: 29-Aug-2025 23:57:27 Instrument ID: HP26379

Lims ID: IC CAL 25 PPB

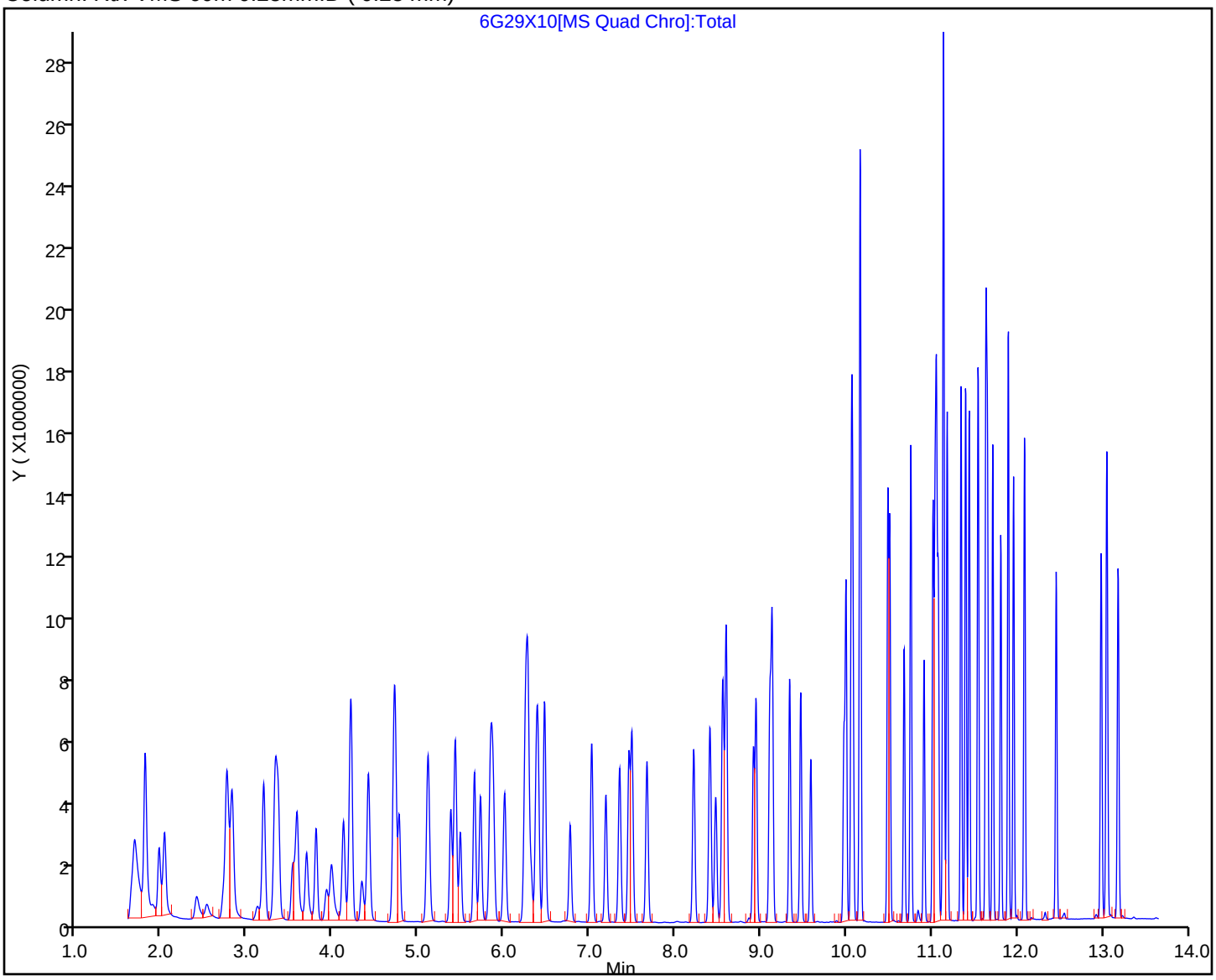
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

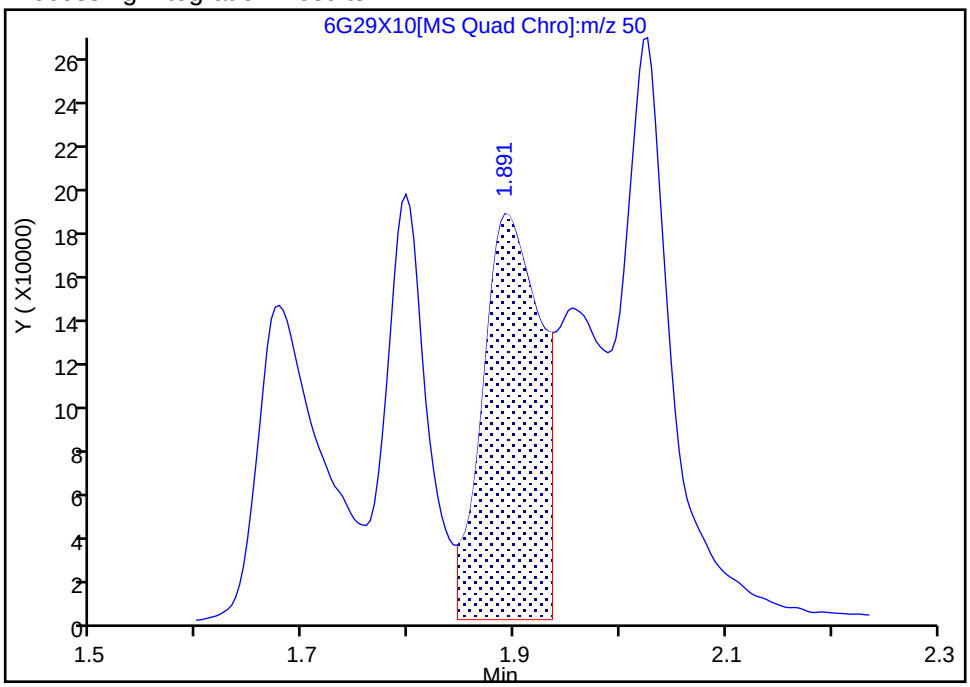
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D | | | | |
| Injection Date: | 29-Aug-2025 23:57:27 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 25 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

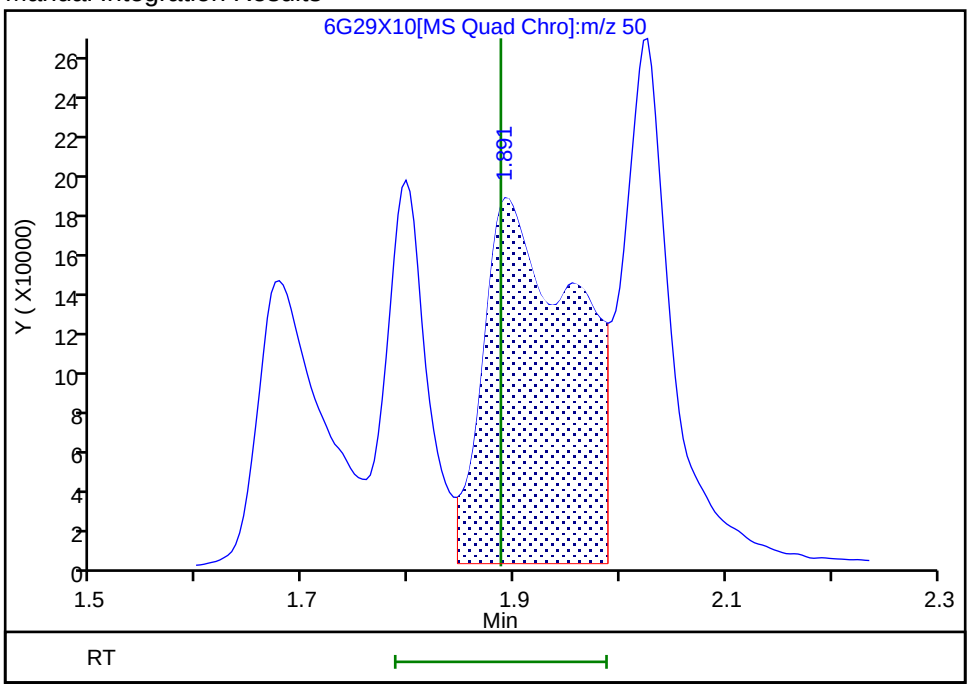
Processing Integration Results

RT: 1.89
Area: 684356
Amount: 9.906579
Amount Units: ppb v/v




Manual Integration Results

RT: 1.89
Area: 1090245
Amount: 24.941574
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:37:00 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

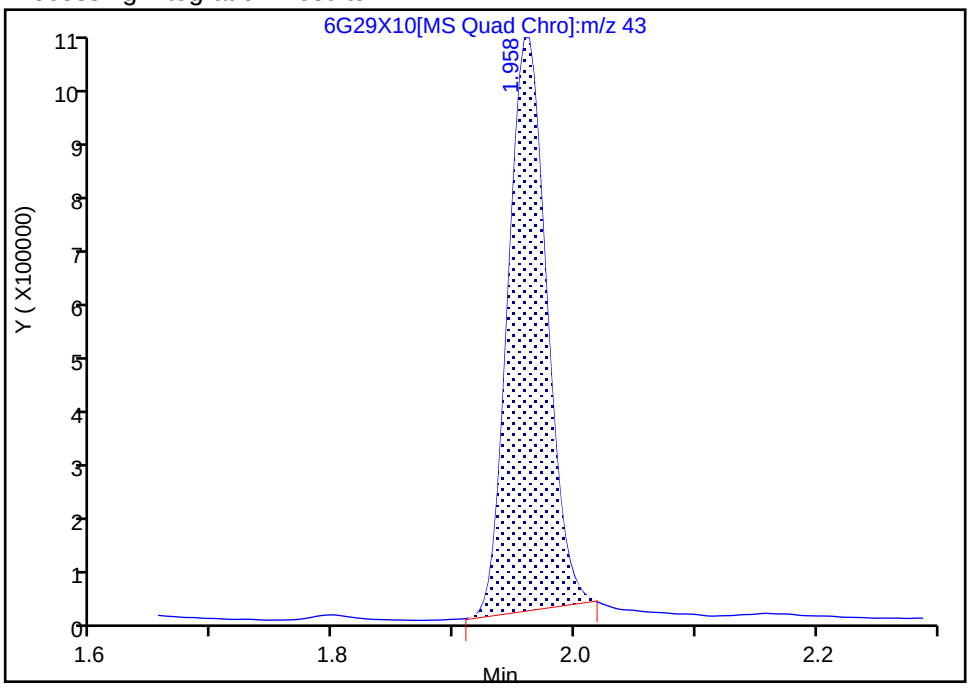
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D | | | | |
| Injection Date: | 29-Aug-2025 23:57:27 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 25 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

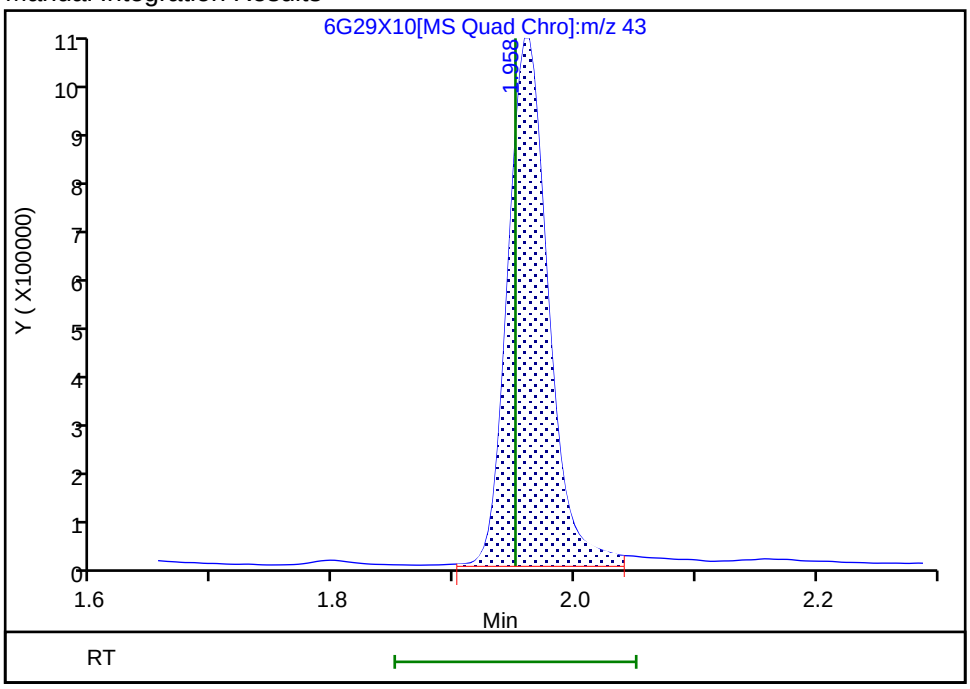
Processing Integration Results

RT: 1.96
Area: 2297779
Amount: 20.806432
Amount Units: ppb v/v




Manual Integration Results

RT: 1.96
Area: 2451445
Amount: 21.993859
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:10:36 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

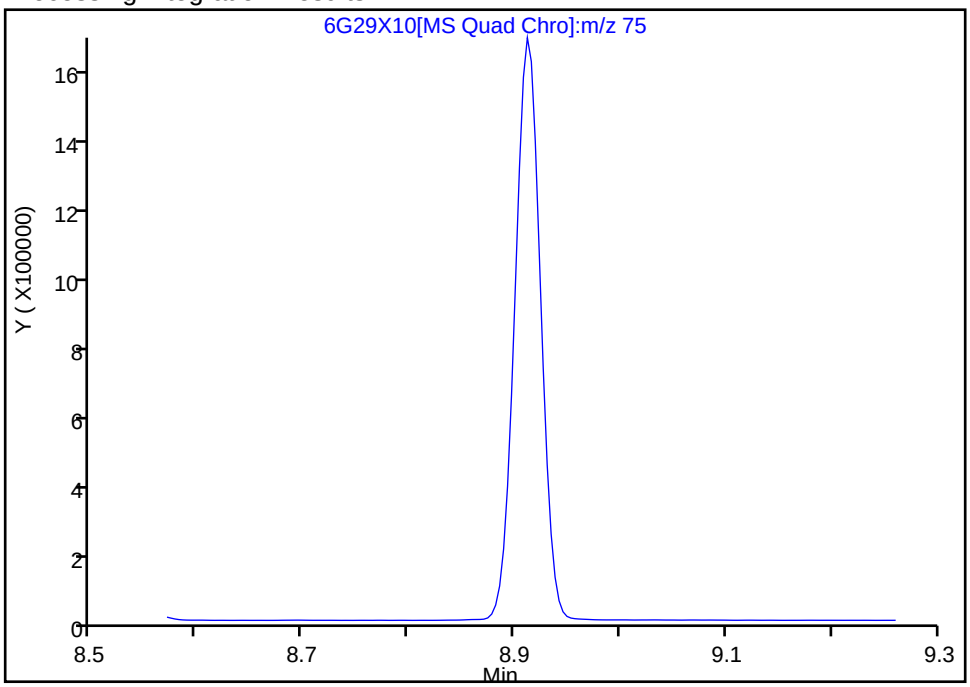
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D | | | | |
| Injection Date: | 29-Aug-2025 23:57:27 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 25 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

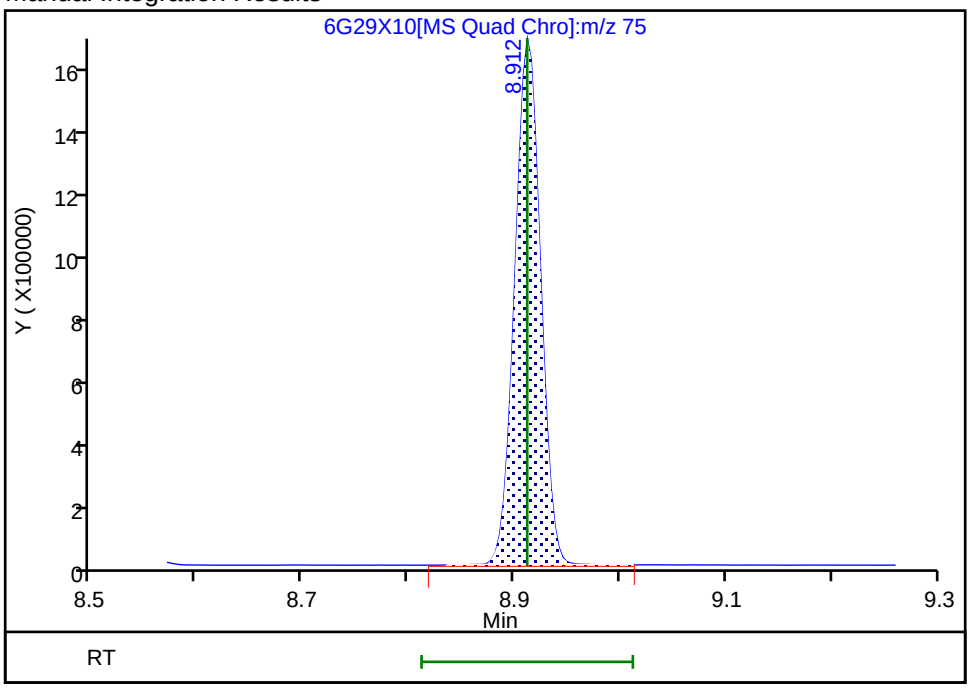
Not Detected
Expected RT: 8.91

Processing Integration Results




Manual Integration Results

RT: 8.91
Area: 2863118
Amount: 23.692937
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:37:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

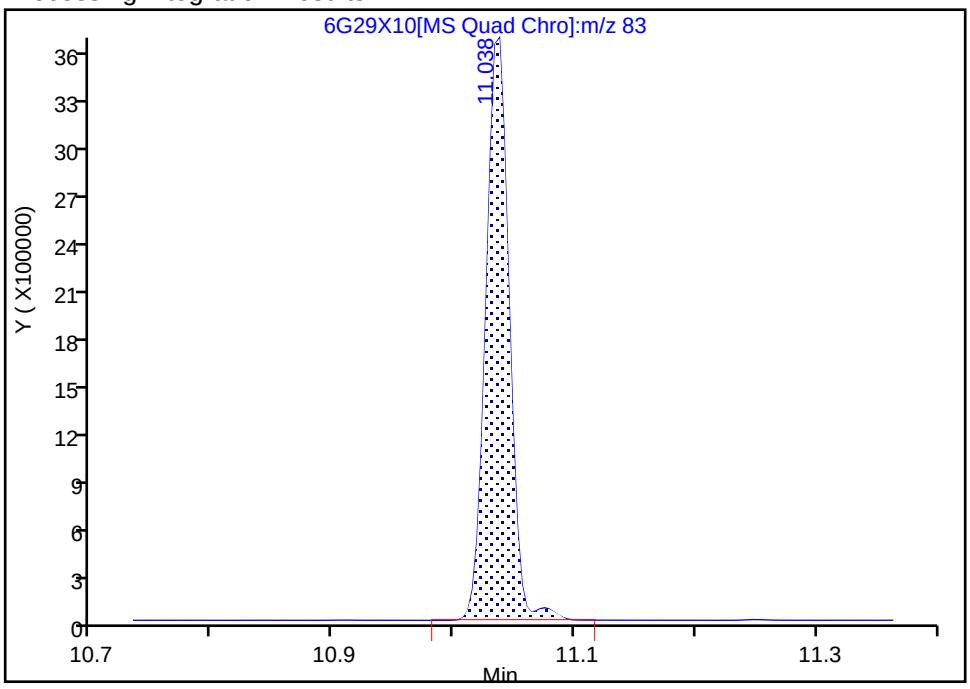
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D | | | | |
| Injection Date: | 29-Aug-2025 23:57:27 | Instrument ID: | HP26379 | | |
| Lims ID: | IC CAL 25 PPB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

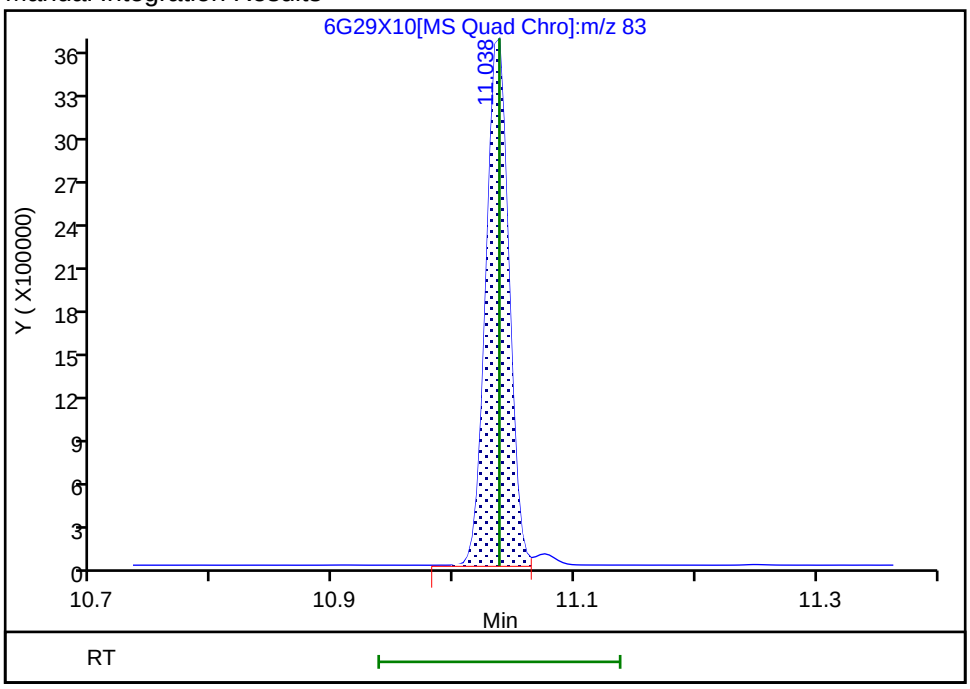
Processing Integration Results

RT: 11.04
Area: 4918972
Amount: 21.766450
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 4821117
Amount: 23.013895
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 12:38:06 -04:00:00 (UTC)

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

## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

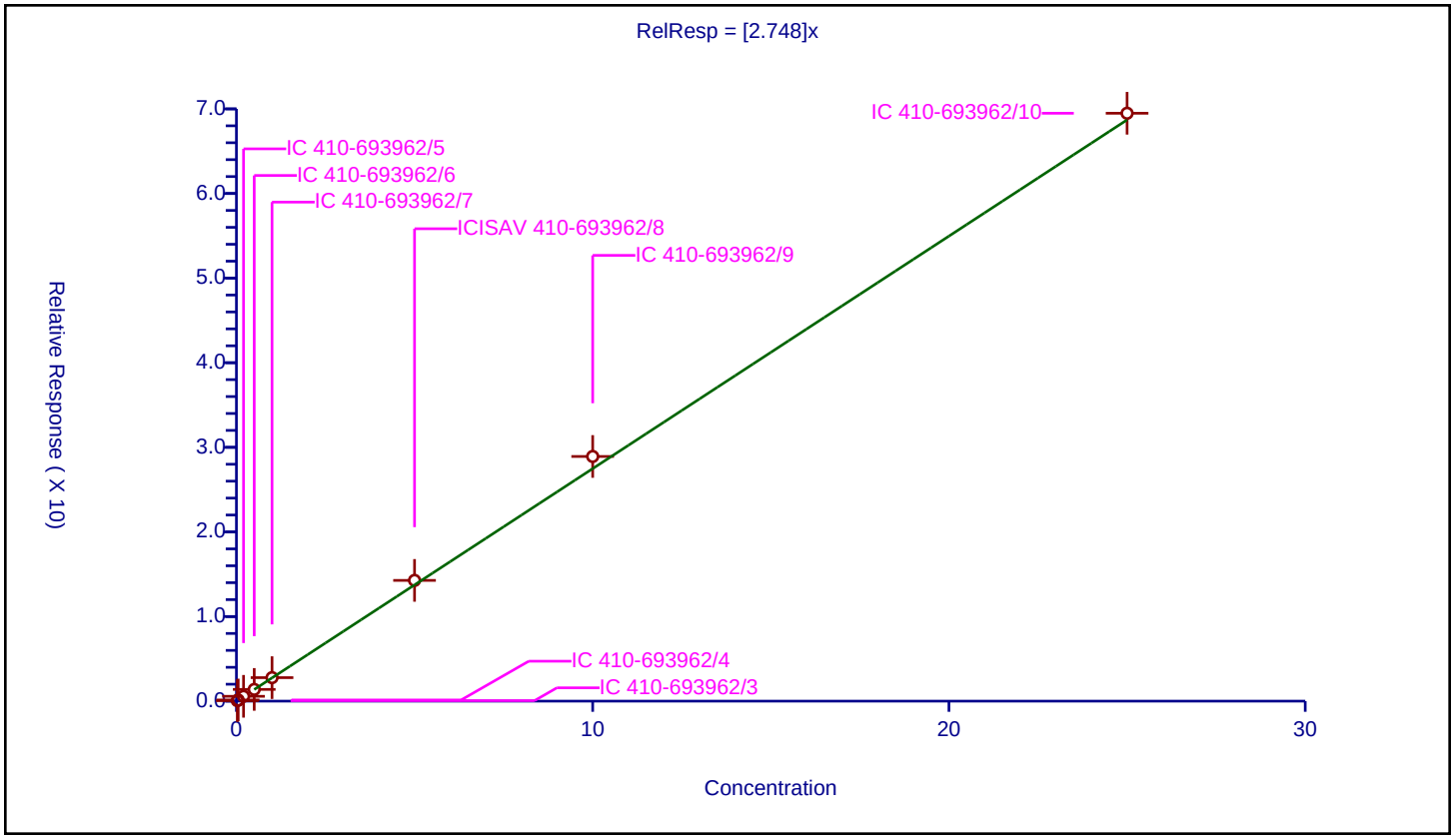
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.748 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.058108 | 10.0 | 535902.0 | 2.324306 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.136193 | 10.0 | 556490.0 | 2.723858 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.572042 | 10.0 | 579013.0 | 2.860212 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.386456 | 10.0 | 585226.0 | 2.772912 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.778367 | 10.0 | 547847.0 | 2.778367 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 14.272173 | 10.0 | 585407.0 | 2.854435 | Y |
| 7 | IC 410-693962/9 | 10.0 | 28.918523 | 10.0 | 568297.0 | 2.891852 | Y |
| 8 | IC 410-693962/10 | 25.0 | 69.48473 | 10.0 | 562462.0 | 2.779389 | Y |






10/16/2025
9:18:09 AM

## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

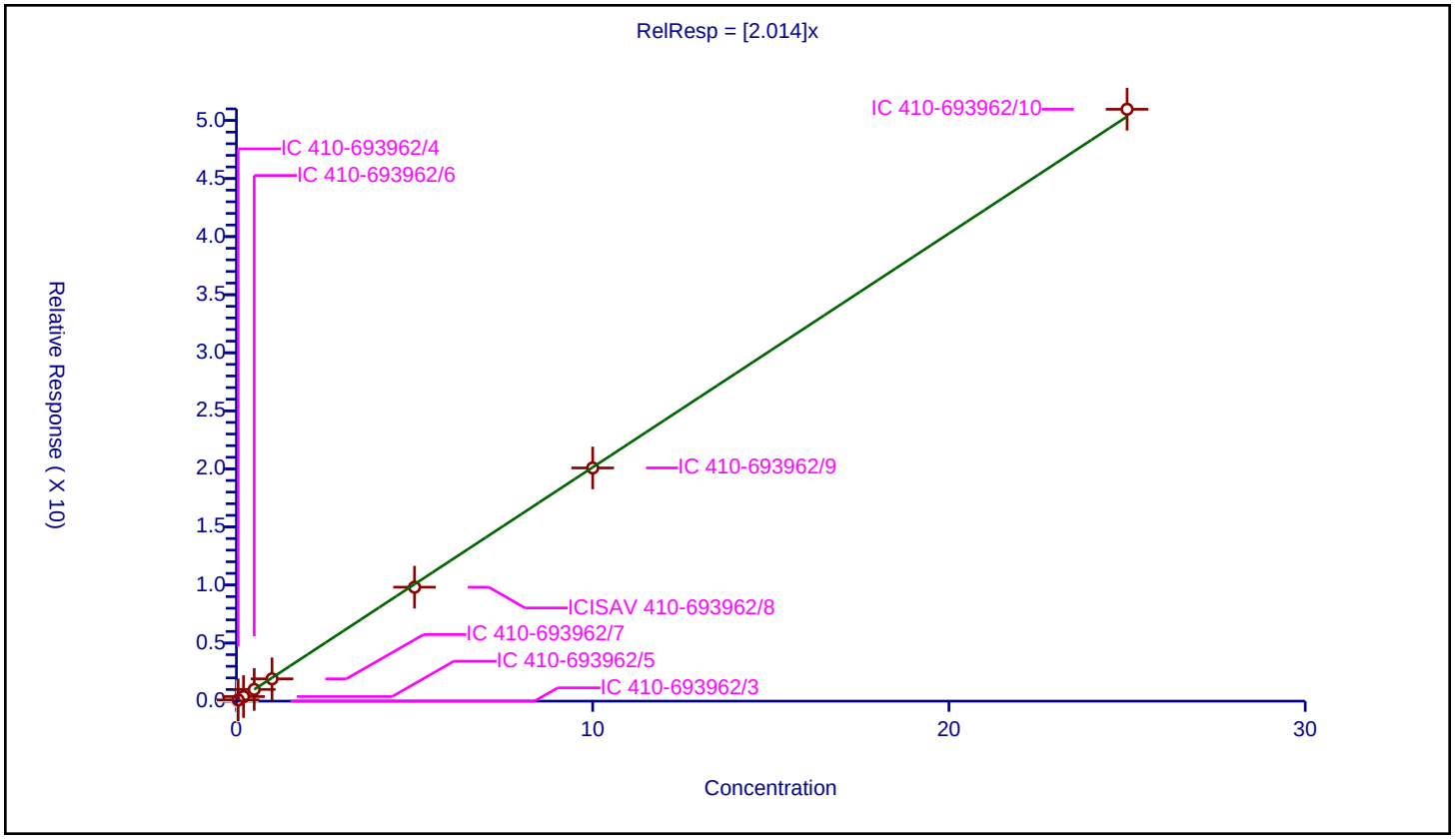
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.014 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.109238 | 10.0 | 556490.0 | 2.184765 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.393014 | 10.0 | 579013.0 | 1.965068 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.008311 | 10.0 | 585226.0 | 2.016623 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.91977 | 10.0 | 547847.0 | 1.91977 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 9.811909 | 10.0 | 585407.0 | 1.962382 | Y |
| 7 | IC 410-693962/9 | 10.0 | 20.082035 | 10.0 | 568297.0 | 2.008203 | Y |
| 8 | IC 410-693962/10 | 25.0 | 50.96851 | 10.0 | 562462.0 | 2.03874 | Y |






10/16/2025
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## Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

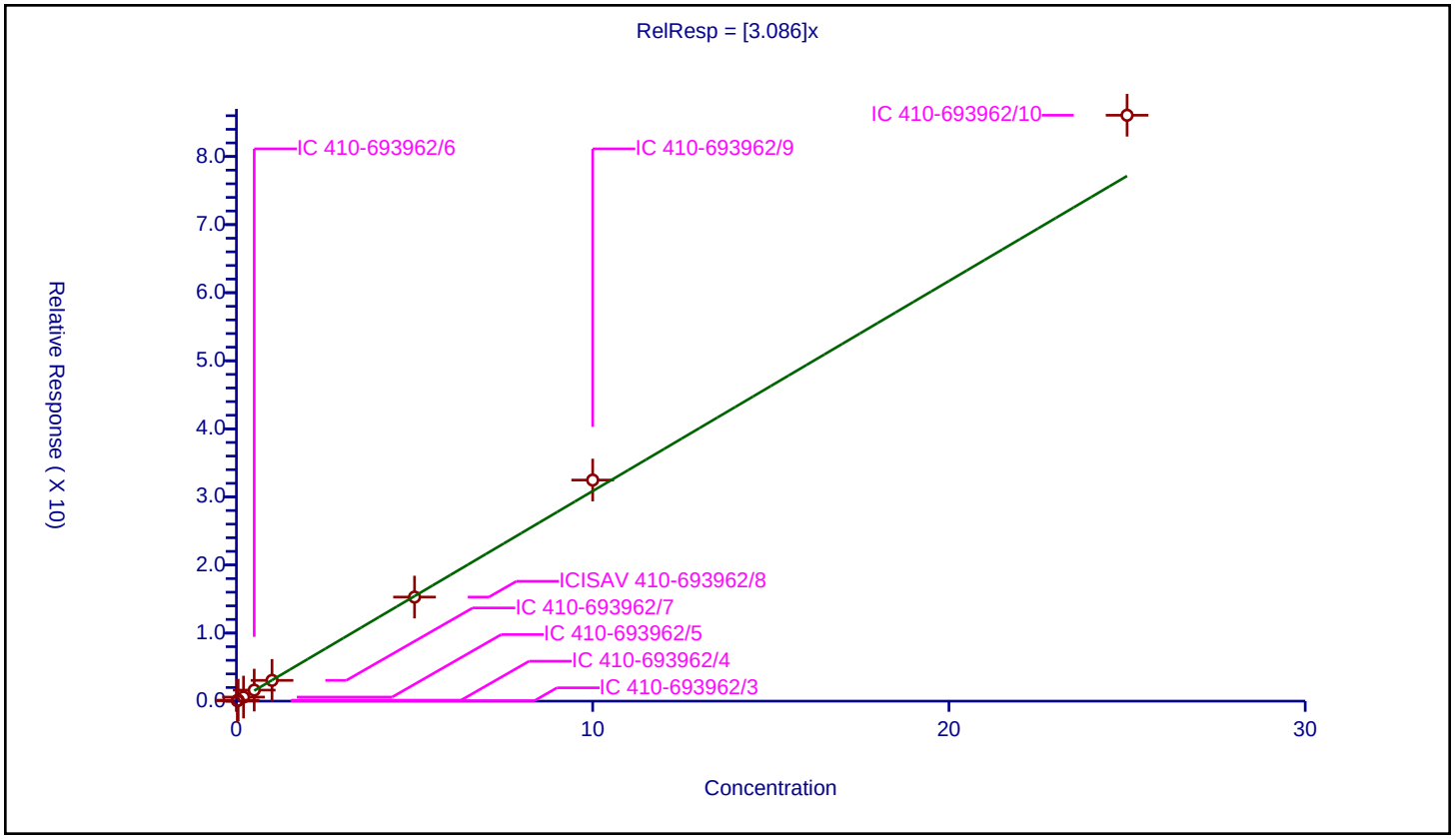
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.086 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.07033 | 10.0 | 535902.0 | 2.813201 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.142734 | 10.0 | 556490.0 | 2.854678 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.596394 | 10.0 | 579013.0 | 2.981971 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.62016 | 10.0 | 585226.0 | 3.240321 | Y |
| 5 | IC 410-693962/7 | 1.0 | 3.049611 | 10.0 | 547847.0 | 3.049611 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 15.289175 | 10.0 | 585407.0 | 3.057835 | Y |
| 7 | IC 410-693962/9 | 10.0 | 32.475185 | 10.0 | 568297.0 | 3.247518 | Y |
| 8 | IC 410-693962/10 | 25.0 | 86.065512 | 10.0 | 562462.0 | 3.44262 | Y |






10/16/2025
9:18:09 AM

## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

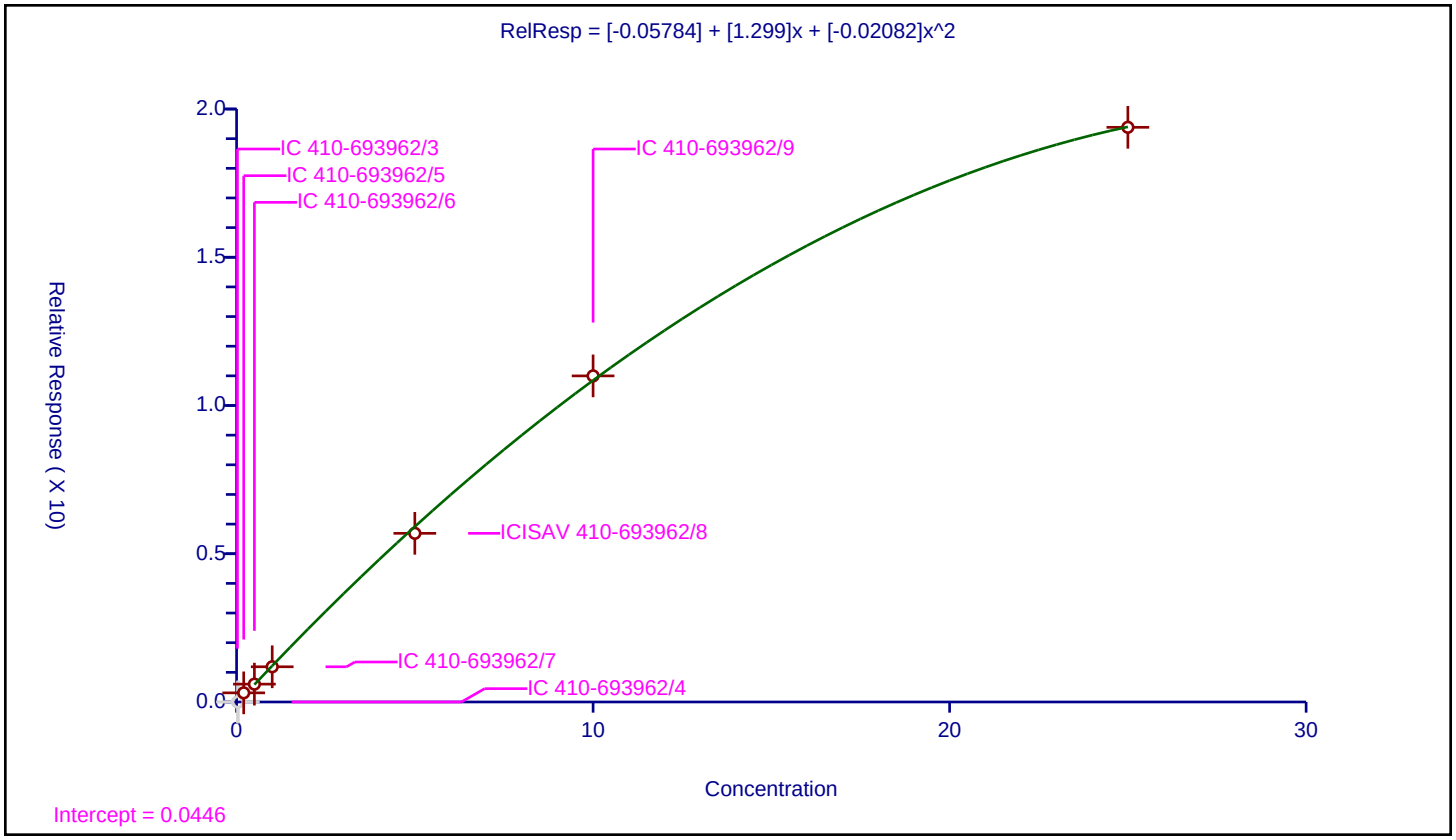
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.05784 |
| **Slope:** | 1.299 |
| **Second Order:** | -0.02082 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 24.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.0 | 10.0 | 556490.0 | 0.0 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.307713 | 10.0 | 579013.0 | 1.538566 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.602263 | 10.0 | 585226.0 | 1.204526 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.187886 | 10.0 | 547847.0 | 1.187886 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.688487 | 10.0 | 585407.0 | 1.137697 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.99902 | 10.0 | 568297.0 | 1.099902 | Y |
| 8 | IC 410-693962/10 | 25.0 | 19.383443 | 10.0 | 562462.0 | 0.775338 | Y |






10/16/2025
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## Calibration / Butane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

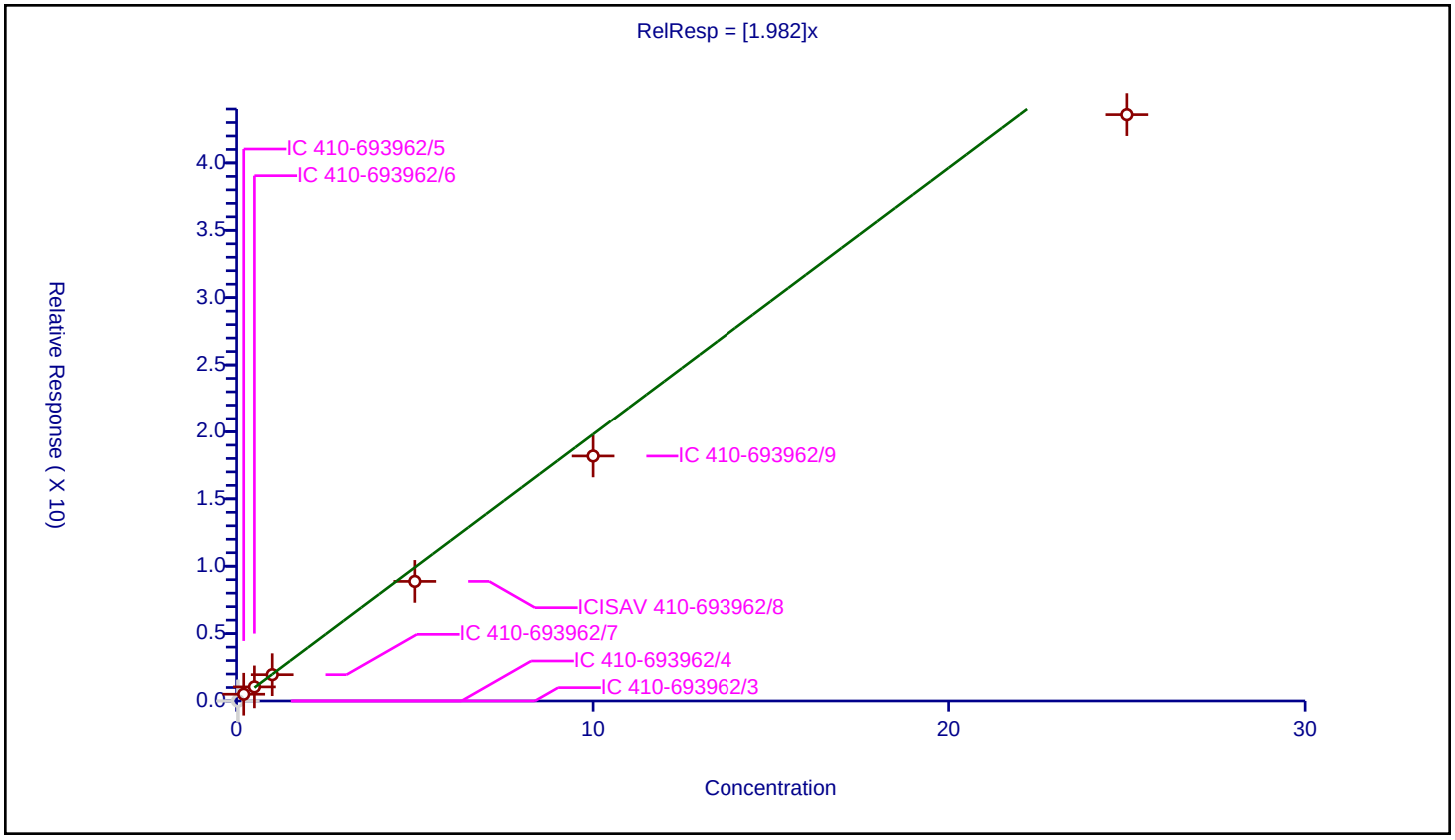
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.982 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.0 | 10.0 | 556490.0 | 0.0 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.502182 | 10.0 | 579013.0 | 2.510911 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.045066 | 10.0 | 585226.0 | 2.090133 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.952279 | 10.0 | 547847.0 | 1.952279 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 8.873245 | 10.0 | 585407.0 | 1.774649 | Y |
| 7 | IC 410-693962/9 | 10.0 | 18.185773 | 10.0 | 568297.0 | 1.818577 | Y |
| 8 | IC 410-693962/10 | 25.0 | 43.584189 | 10.0 | 562462.0 | 1.743368 | Y |






10/16/2025
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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

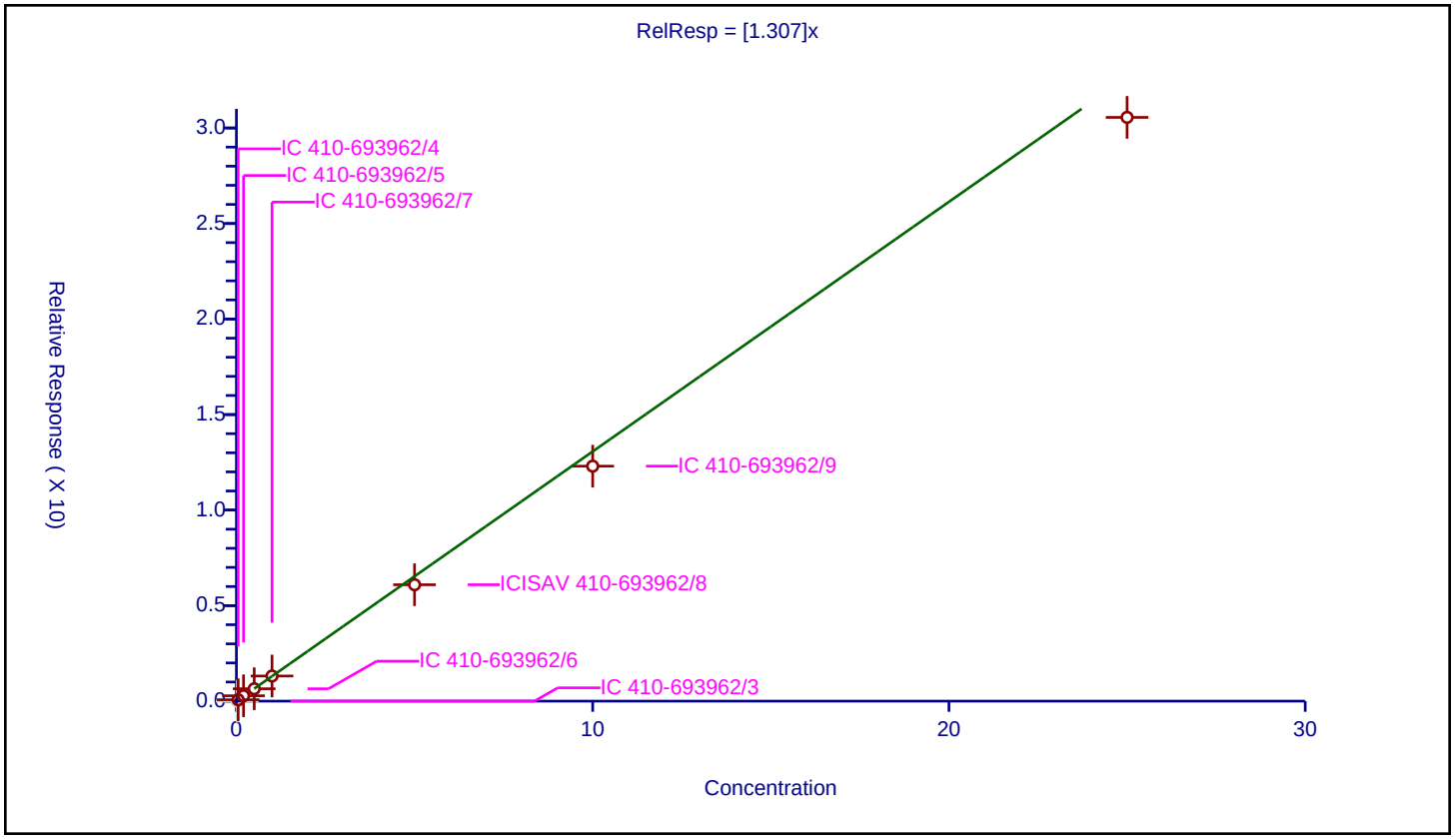
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.307 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.073047 | 10.0 | 556490.0 | 1.460943 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.280909 | 10.0 | 579013.0 | 1.404545 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.647562 | 10.0 | 585226.0 | 1.295124 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.315751 | 10.0 | 547847.0 | 1.315751 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.09265 | 10.0 | 585407.0 | 1.21853 | Y |
| 7 | IC 410-693962/9 | 10.0 | 12.299695 | 10.0 | 568297.0 | 1.22997 | Y |
| 8 | IC 410-693962/10 | 25.0 | 30.555451 | 10.0 | 562462.0 | 1.222218 | Y |



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## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

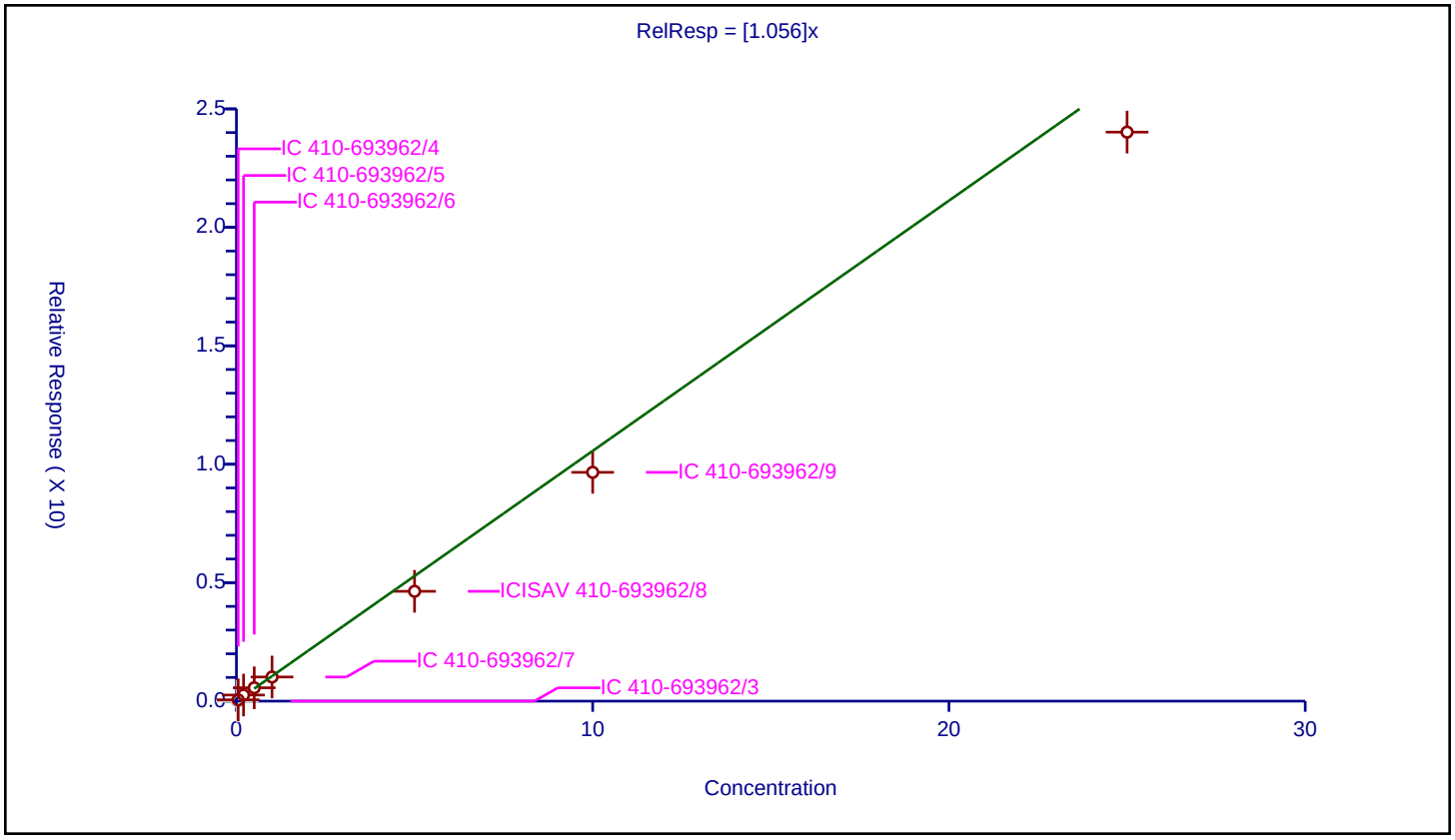
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.056 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.055203 | 10.0 | 556490.0 | 1.104063 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.257714 | 10.0 | 579013.0 | 1.288572 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.564312 | 10.0 | 585226.0 | 1.128624 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.018806 | 10.0 | 547847.0 | 1.018806 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.636347 | 10.0 | 585407.0 | 0.927269 | Y |
| 7 | IC 410-693962/9 | 10.0 | 9.658436 | 10.0 | 568297.0 | 0.965844 | Y |
| 8 | IC 410-693962/10 | 25.0 | 24.019187 | 10.0 | 562462.0 | 0.960767 | Y |



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## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

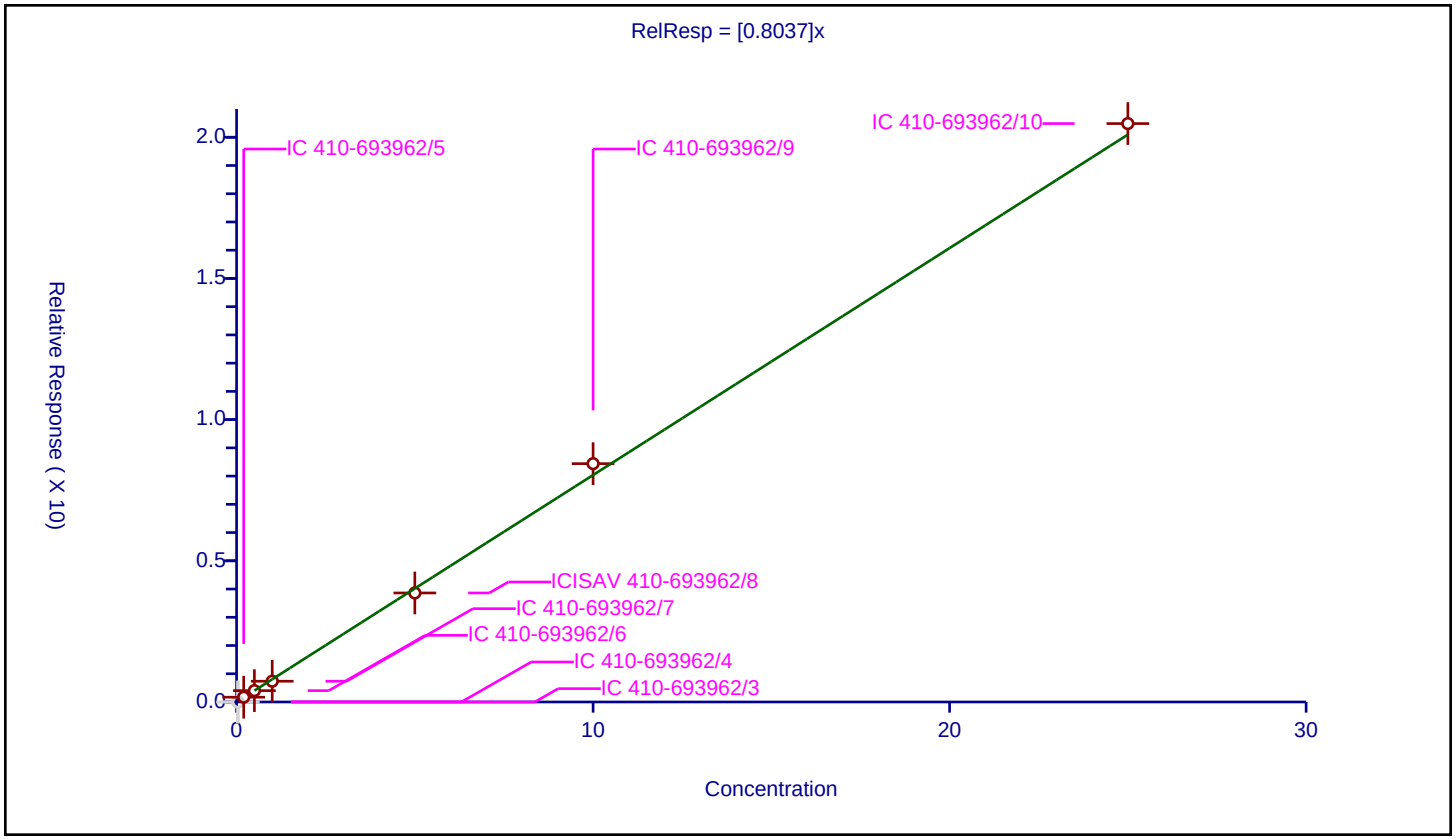
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8037 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.0 | 10.0 | 556490.0 | 0.0 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.169616 | 10.0 | 579013.0 | 0.848081 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.401793 | 10.0 | 585226.0 | 0.803587 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.735205 | 10.0 | 547847.0 | 0.735205 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.86104 | 10.0 | 585407.0 | 0.772208 | Y |
| 7 | IC 410-693962/9 | 10.0 | 8.440164 | 10.0 | 568297.0 | 0.844016 | Y |
| 8 | IC 410-693962/10 | 25.0 | 20.484655 | 10.0 | 562462.0 | 0.819386 | Y |



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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

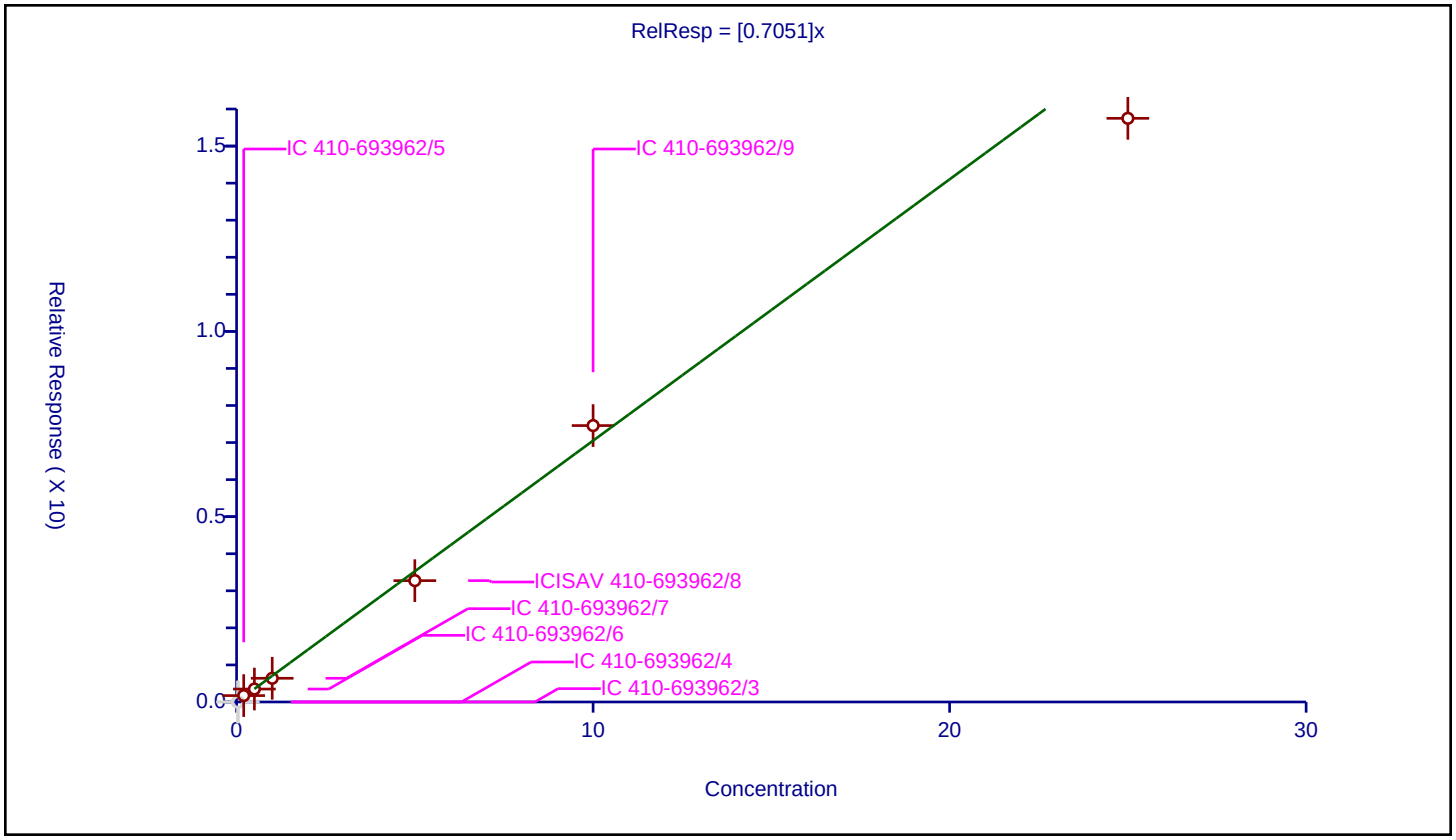
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7051 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.0 | 10.0 | 556490.0 | 0.0 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.172397 | 10.0 | 579013.0 | 0.861984 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.349096 | 10.0 | 585226.0 | 0.698192 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.640033 | 10.0 | 547847.0 | 0.640033 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.274423 | 10.0 | 585407.0 | 0.654885 | Y |
| 7 | IC 410-693962/9 | 10.0 | 7.458266 | 10.0 | 568297.0 | 0.745827 | Y |
| 8 | IC 410-693962/10 | 25.0 | 15.748922 | 10.0 | 562462.0 | 0.629957 | Y |



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## Calibration / Vinyl bromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

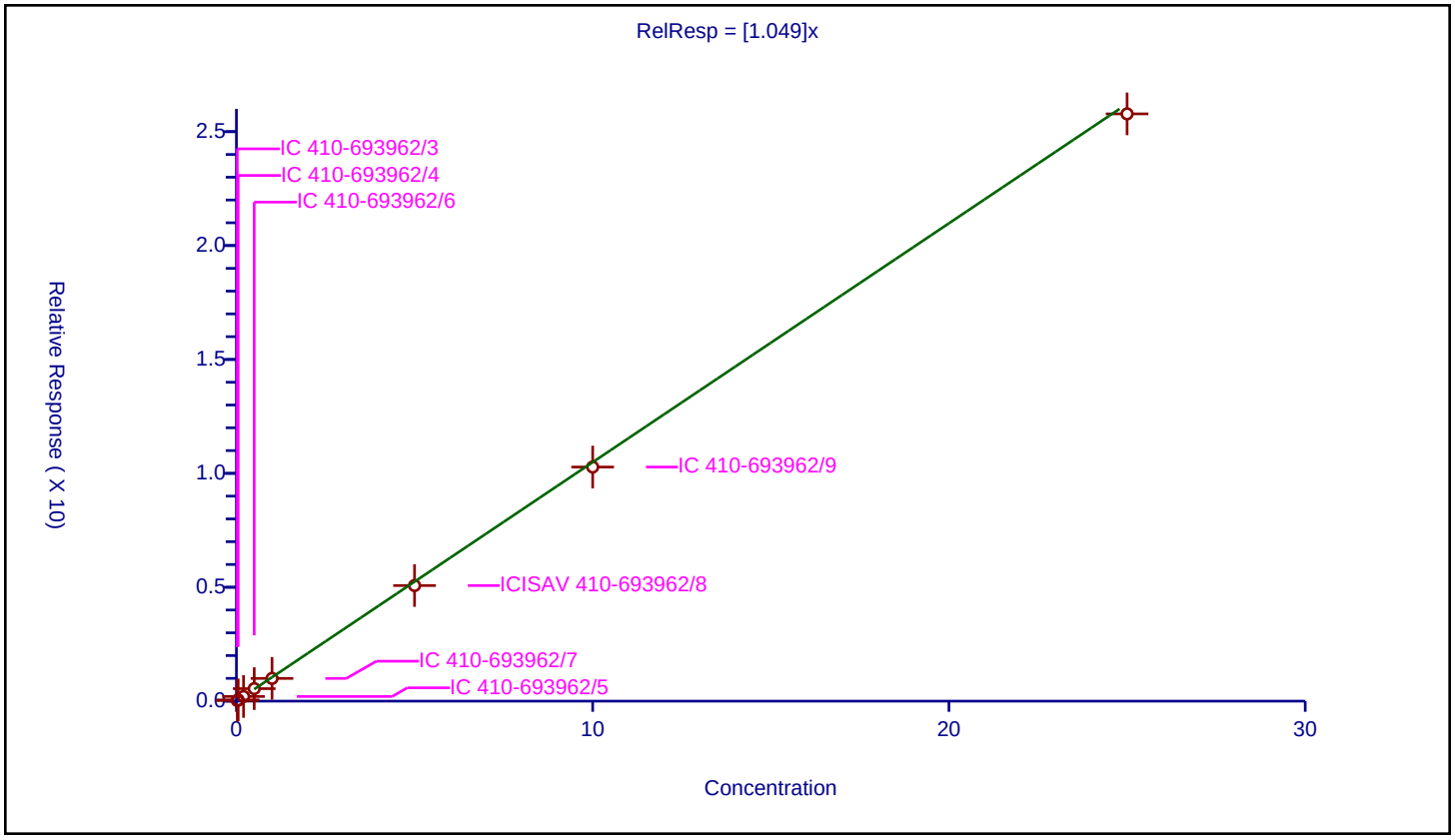
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.049 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.027636 | 10.0 | 535902.0 | 1.105426 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.054808 | 10.0 | 556490.0 | 1.096156 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.203847 | 10.0 | 579013.0 | 1.019234 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.549207 | 10.0 | 585226.0 | 1.098413 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.997687 | 10.0 | 547847.0 | 0.997687 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.074572 | 10.0 | 585407.0 | 1.014914 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.277496 | 10.0 | 568297.0 | 1.02775 | Y |
| 8 | IC 410-693962/10 | 25.0 | 25.781653 | 10.0 | 562462.0 | 1.031266 | Y |



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## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

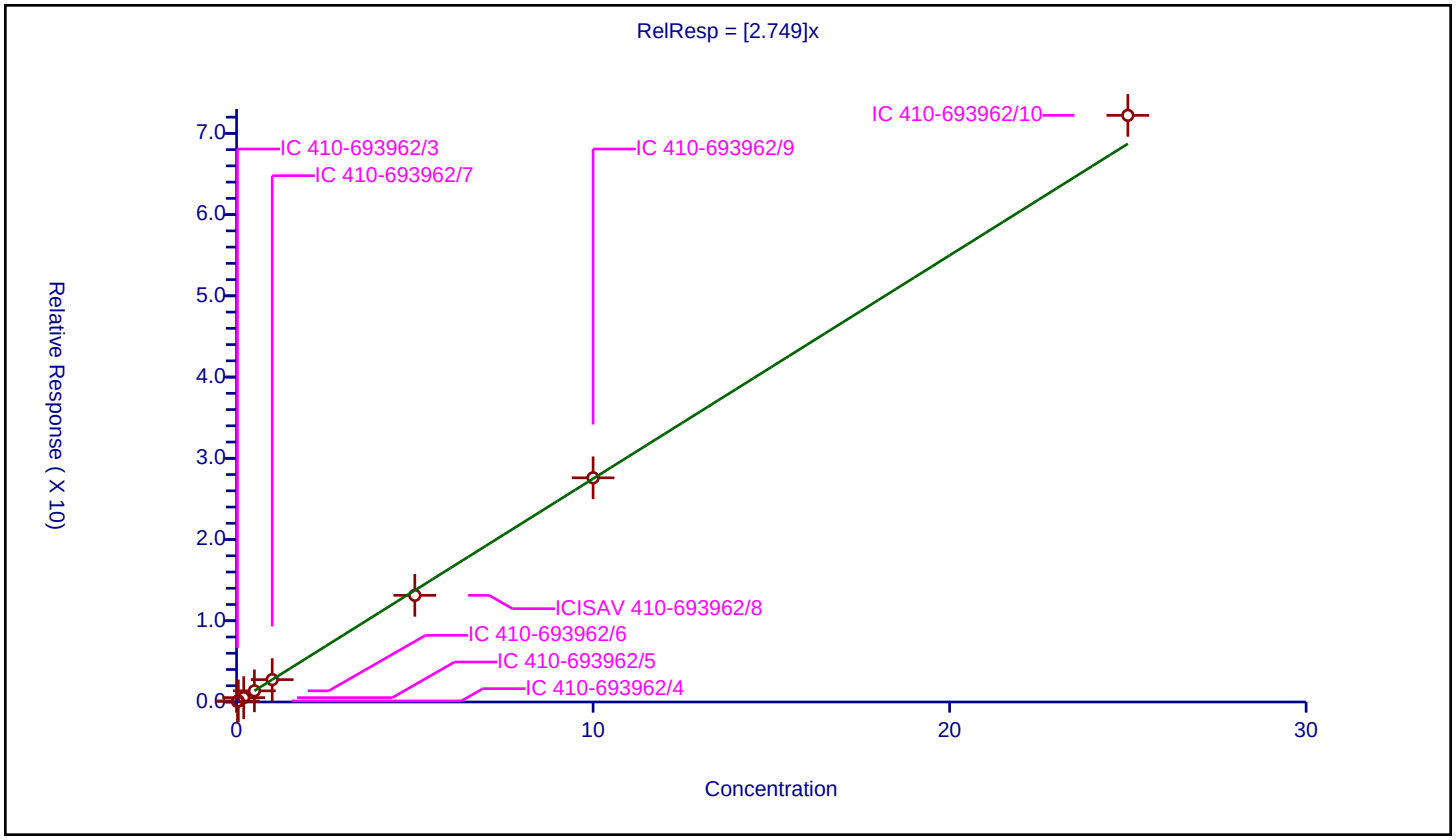
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.749 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.074473 | 10.0 | 535902.0 | 2.978903 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.128178 | 10.0 | 556490.0 | 2.563568 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.535687 | 10.0 | 579013.0 | 2.678437 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.372598 | 10.0 | 585226.0 | 2.745196 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.751188 | 10.0 | 547847.0 | 2.751188 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 13.128524 | 10.0 | 585407.0 | 2.625705 | Y |
| 7 | IC 410-693962/9 | 10.0 | 27.59821 | 10.0 | 568297.0 | 2.759821 | Y |
| 8 | IC 410-693962/10 | 25.0 | 72.217465 | 10.0 | 562462.0 | 2.888699 | Y |



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## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

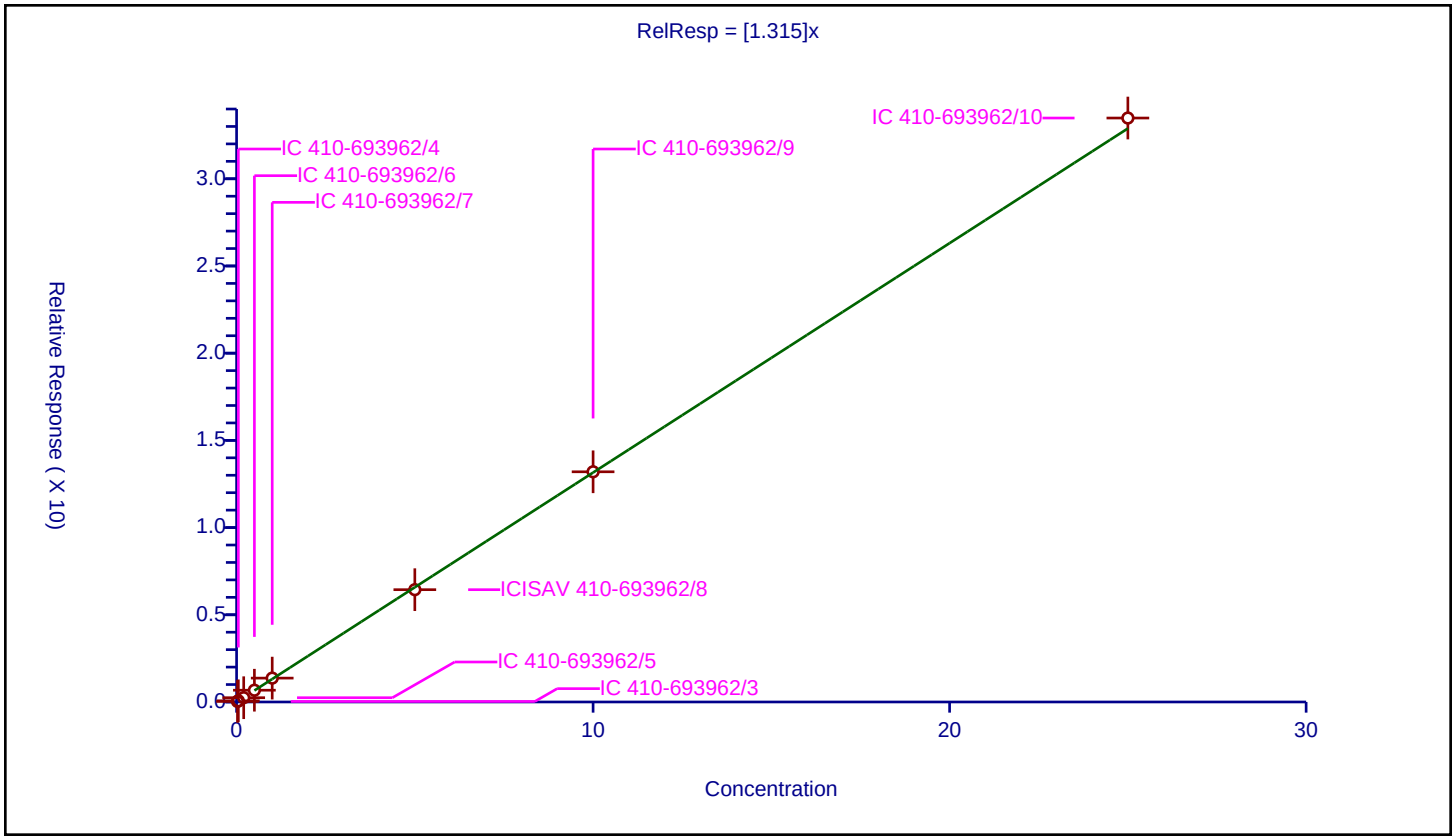
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.315 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.031349 | 10.0 | 535902.0 | 1.253961 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.068698 | 10.0 | 556490.0 | 1.373969 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.245953 | 10.0 | 579013.0 | 1.229765 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.674782 | 10.0 | 585226.0 | 1.349564 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.369087 | 10.0 | 547847.0 | 1.369087 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.4387 | 10.0 | 585407.0 | 1.28774 | Y |
| 7 | IC 410-693962/9 | 10.0 | 13.199067 | 10.0 | 568297.0 | 1.319907 | Y |
| 8 | IC 410-693962/10 | 25.0 | 33.483826 | 10.0 | 562462.0 | 1.339353 | Y |



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## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

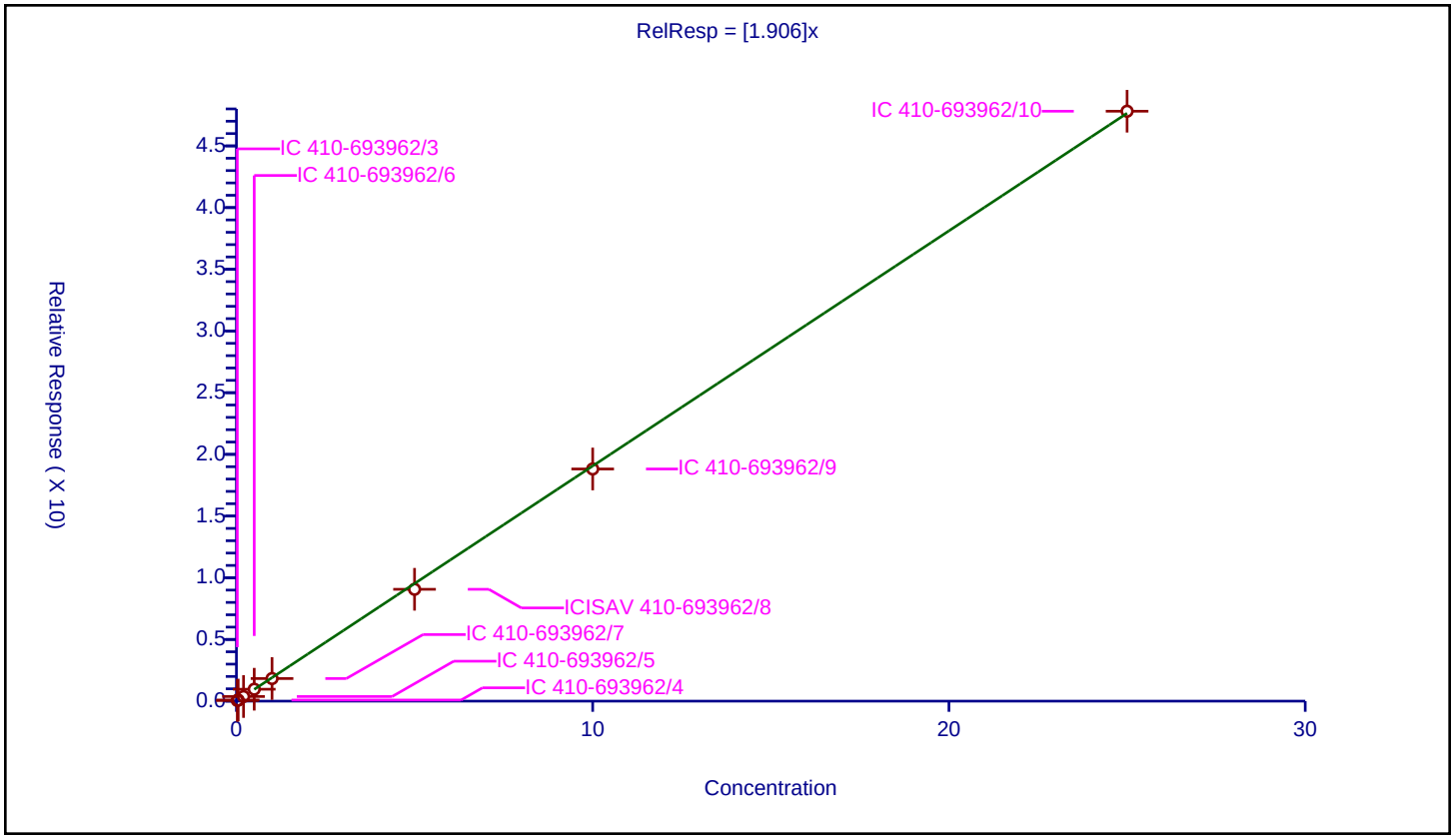
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.906 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.055682 | 10.0 | 535902.0 | 2.227273 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.088717 | 10.0 | 556490.0 | 1.774336 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.37538 | 10.0 | 579013.0 | 1.876901 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.965063 | 10.0 | 585226.0 | 1.930126 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.831515 | 10.0 | 547847.0 | 1.831515 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 9.064531 | 10.0 | 585407.0 | 1.812906 | Y |
| 7 | IC 410-693962/9 | 10.0 | 18.815355 | 10.0 | 568297.0 | 1.881536 | Y |
| 8 | IC 410-693962/10 | 25.0 | 47.81219 | 10.0 | 562462.0 | 1.912488 | Y |



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## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

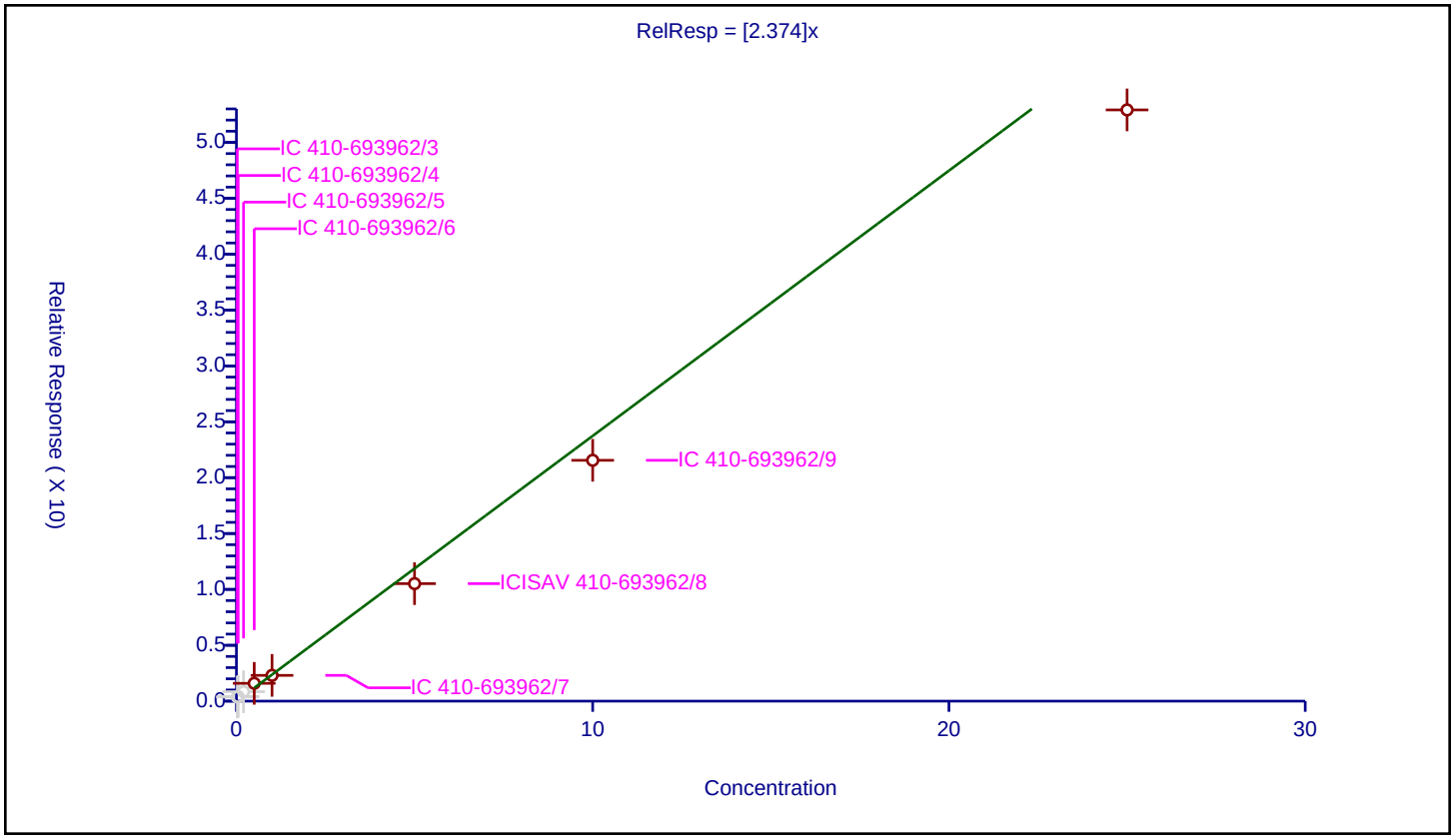
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.374 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.375778 | 10.0 | 535902.0 | 15.031106 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.412155 | 10.0 | 556490.0 | 8.243095 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.846544 | 10.0 | 579013.0 | 4.23272 | N |
| 4 | IC 410-693962/6 | 0.5 | 1.594222 | 10.0 | 585226.0 | 3.188443 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.305644 | 10.0 | 547847.0 | 2.305644 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 10.513608 | 10.0 | 585407.0 | 2.102722 | Y |
| 7 | IC 410-693962/9 | 10.0 | 21.551442 | 10.0 | 568297.0 | 2.155144 | Y |
| 8 | IC 410-693962/10 | 25.0 | 52.910454 | 10.0 | 562462.0 | 2.116418 | Y |



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## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

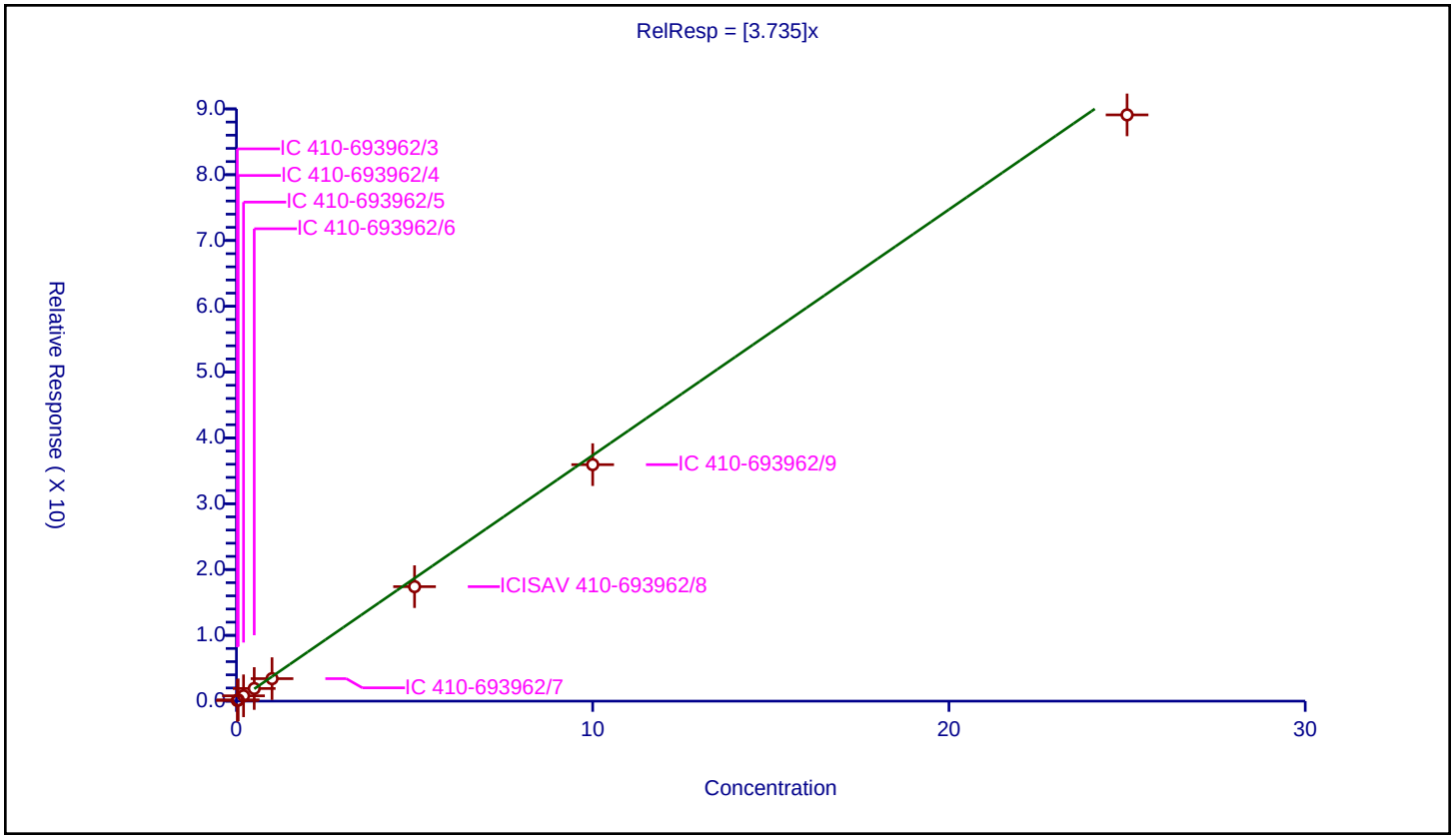
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.735 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.100373 | 10.0 | 535902.0 | 4.014913 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.195547 | 10.0 | 556490.0 | 3.910942 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.811795 | 10.0 | 579013.0 | 4.058976 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.921787 | 10.0 | 585226.0 | 3.843575 | Y |
| 5 | IC 410-693962/7 | 1.0 | 3.417286 | 10.0 | 547847.0 | 3.417286 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 17.39863 | 10.0 | 585407.0 | 3.479726 | Y |
| 7 | IC 410-693962/9 | 10.0 | 35.937001 | 10.0 | 568297.0 | 3.5937 | Y |
| 8 | IC 410-693962/10 | 25.0 | 89.091032 | 10.0 | 562462.0 | 3.563641 | Y |



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## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

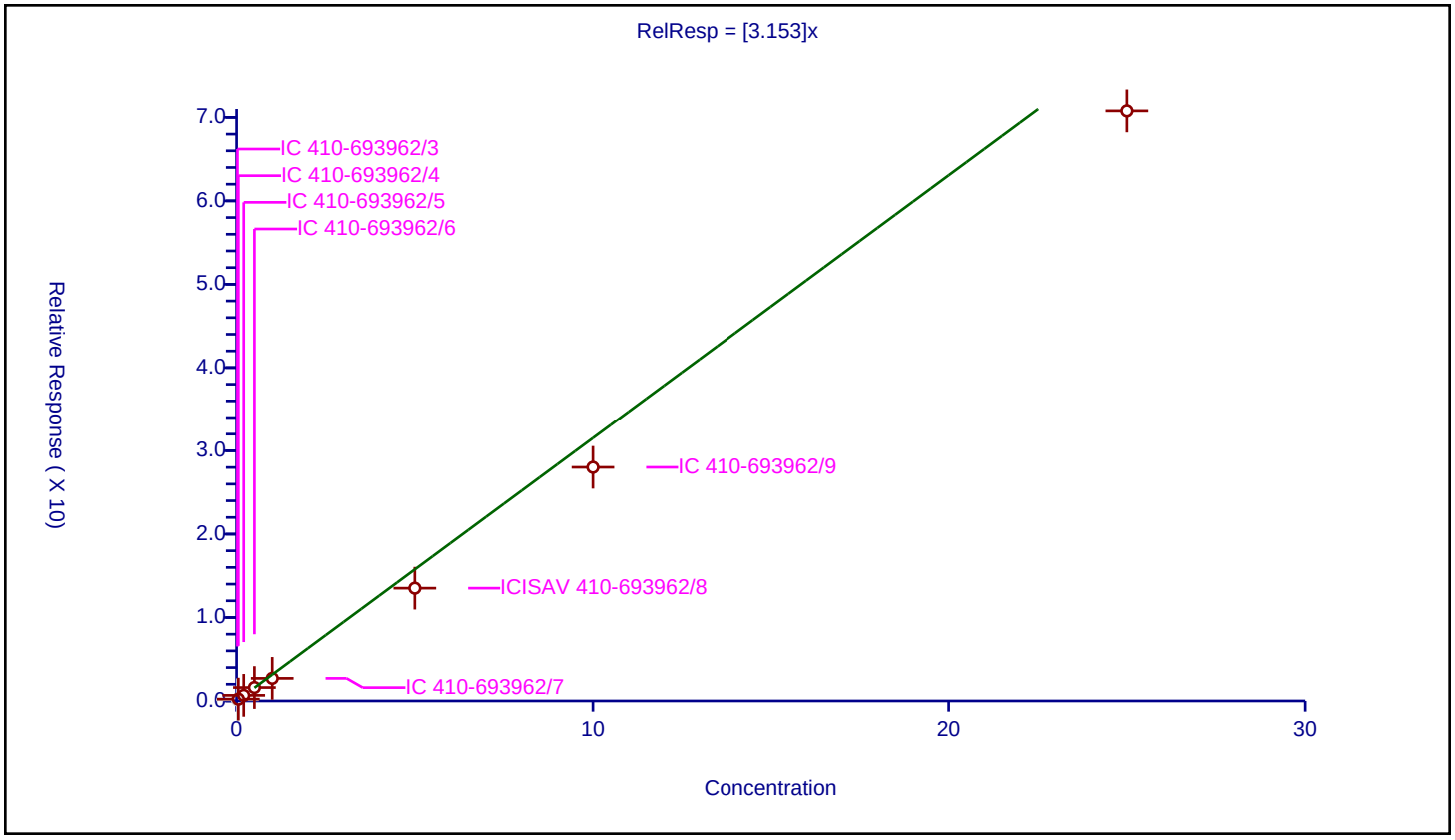
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.153 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.143608 | 10.0 | 535902.0 | 5.744334 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.222843 | 10.0 | 556490.0 | 4.456864 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.671798 | 10.0 | 579013.0 | 3.358992 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.607857 | 10.0 | 585226.0 | 3.215715 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.706413 | 10.0 | 547847.0 | 2.706413 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 13.514785 | 10.0 | 585407.0 | 2.702957 | Y |
| 7 | IC 410-693962/9 | 10.0 | 28.016284 | 10.0 | 568297.0 | 2.801628 | Y |
| 8 | IC 410-693962/10 | 25.0 | 70.776301 | 10.0 | 562462.0 | 2.831052 | Y |



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## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

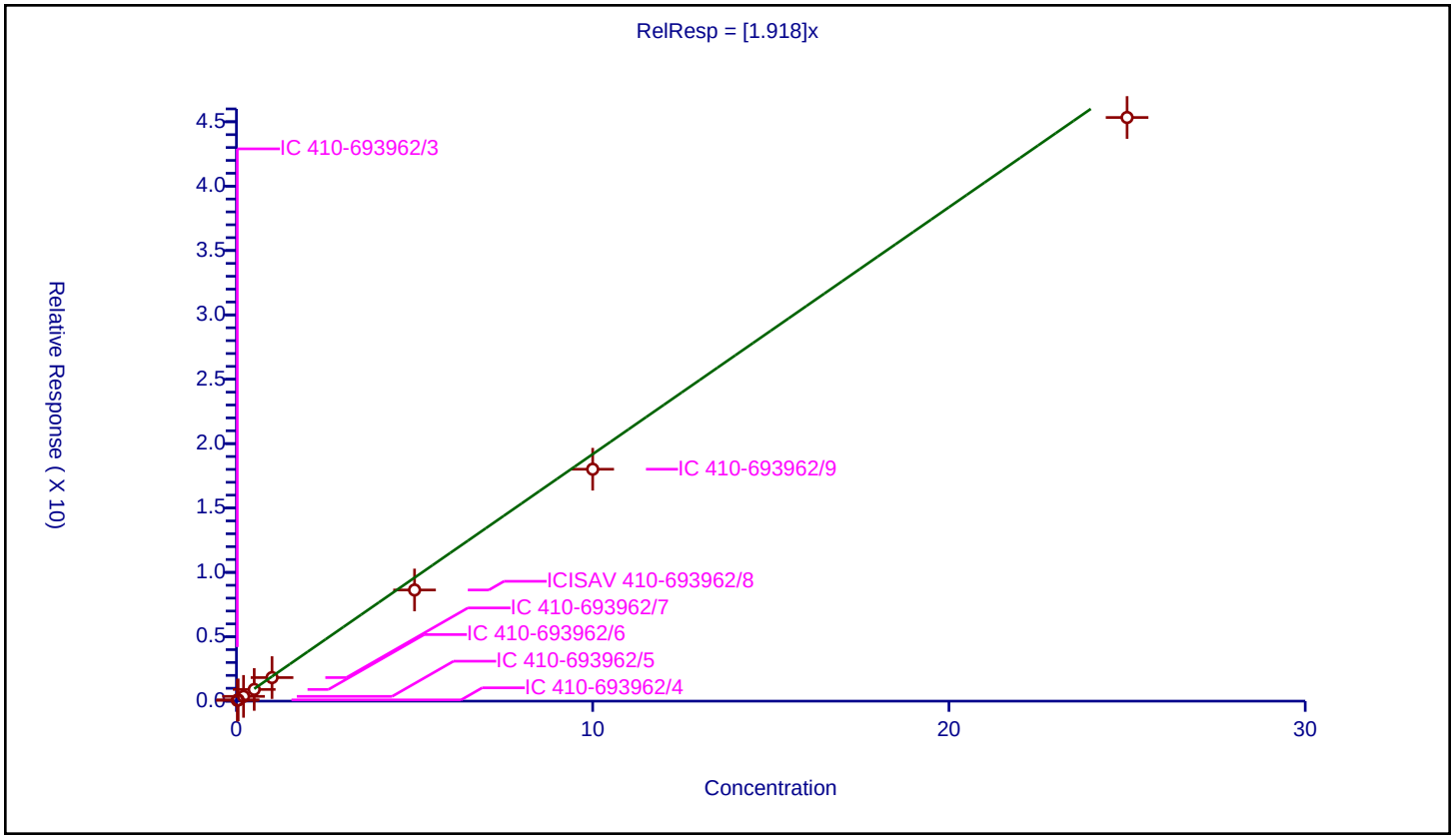
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.918 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0649 | 10.0 | 535902.0 | 2.595997 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.095779 | 10.0 | 556490.0 | 1.915578 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.369215 | 10.0 | 579013.0 | 1.846073 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.908401 | 10.0 | 585226.0 | 1.816802 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.828978 | 10.0 | 547847.0 | 1.828978 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 8.634283 | 10.0 | 585407.0 | 1.726857 | Y |
| 7 | IC 410-693962/9 | 10.0 | 18.013926 | 10.0 | 568297.0 | 1.801393 | Y |
| 8 | IC 410-693962/10 | 25.0 | 45.331969 | 10.0 | 562462.0 | 1.813279 | Y |



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## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

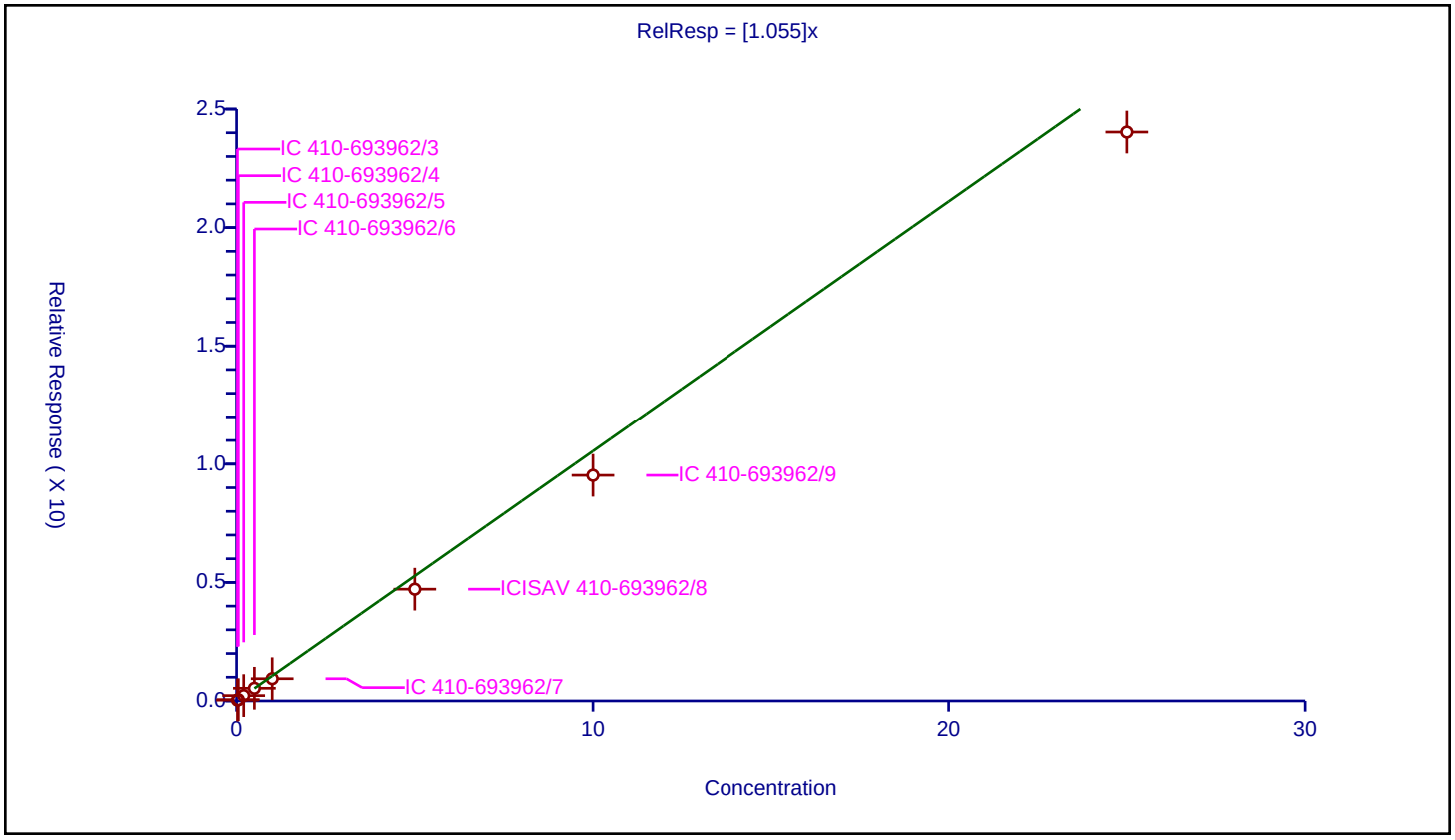
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.055 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.034409 | 10.0 | 535902.0 | 1.376371 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.053819 | 10.0 | 556490.0 | 1.07639 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.224952 | 10.0 | 579013.0 | 1.124759 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.534187 | 10.0 | 585226.0 | 1.068374 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.937598 | 10.0 | 547847.0 | 0.937598 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.7146 | 10.0 | 585407.0 | 0.94292 | Y |
| 7 | IC 410-693962/9 | 10.0 | 9.525283 | 10.0 | 568297.0 | 0.952528 | Y |
| 8 | IC 410-693962/10 | 25.0 | 24.030334 | 10.0 | 562462.0 | 0.961213 | Y |



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## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

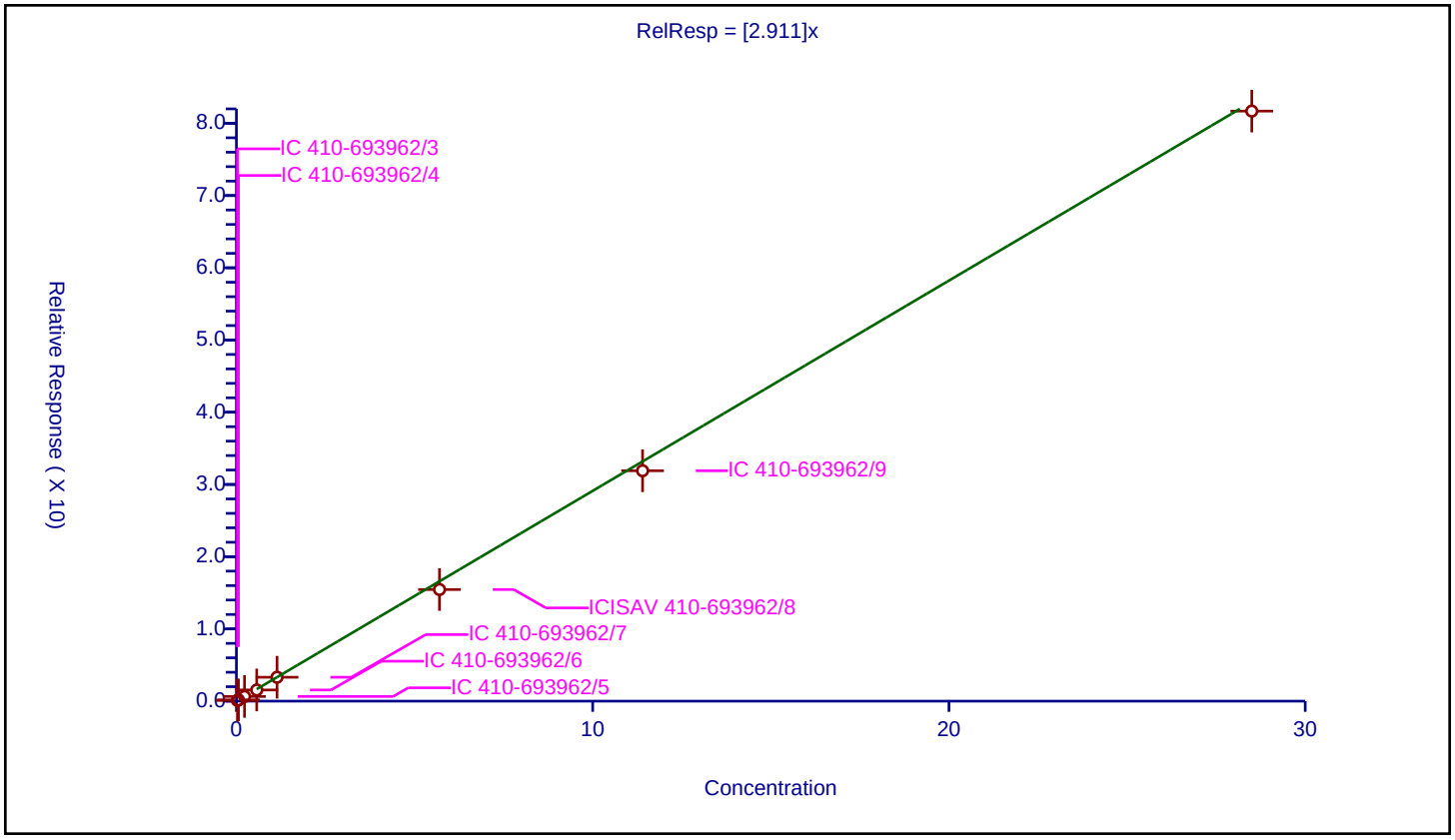
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.911 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.0285 | 0.097107 | 10.0 | 535902.0 | 3.407274 | Y |
| 2 | IC 410-693962/4 | 0.057 | 0.173139 | 10.0 | 556490.0 | 3.037522 | Y |
| 3 | IC 410-693962/5 | 0.228 | 0.650417 | 10.0 | 579013.0 | 2.852707 | Y |
| 4 | IC 410-693962/6 | 0.57 | 1.54595 | 10.0 | 585226.0 | 2.712193 | Y |
| 5 | IC 410-693962/7 | 1.14 | 3.311435 | 10.0 | 547847.0 | 2.904768 | Y |
| 6 | ICISAV 410-693962/8 | 5.7 | 15.45236 | 10.0 | 585407.0 | 2.71094 | Y |
| 7 | IC 410-693962/9 | 11.4 | 31.900362 | 10.0 | 568297.0 | 2.798277 | Y |
| 8 | IC 410-693962/10 | 28.5 | 81.693252 | 10.0 | 562462.0 | 2.86643 | Y |



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## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

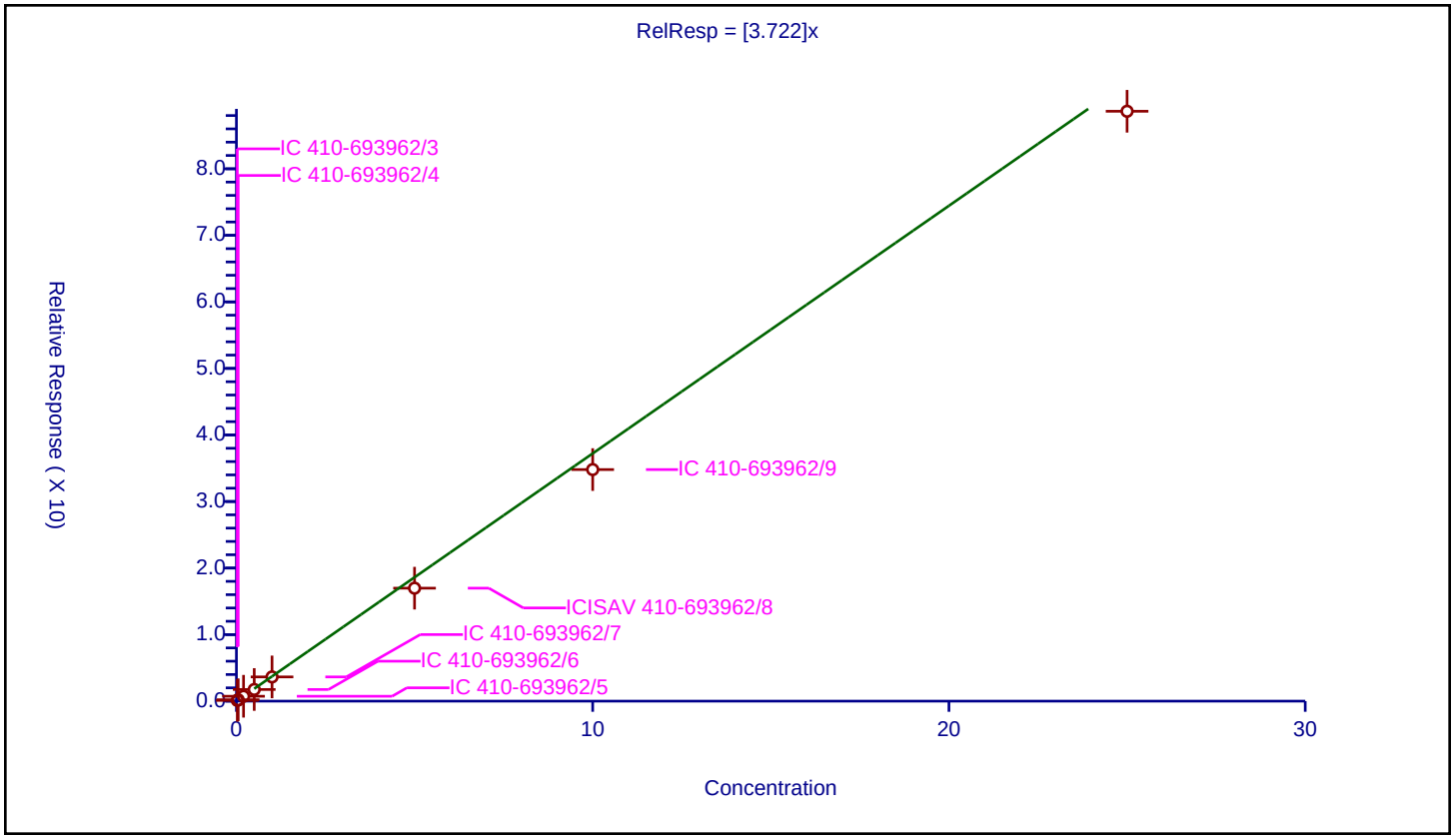
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.722 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.110785 | 10.0 | 535902.0 | 4.431407 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.205484 | 10.0 | 556490.0 | 4.109688 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.735648 | 10.0 | 579013.0 | 3.678242 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.749598 | 10.0 | 585226.0 | 3.499195 | Y |
| 5 | IC 410-693962/7 | 1.0 | 3.638352 | 10.0 | 547847.0 | 3.638352 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 16.977505 | 10.0 | 585407.0 | 3.395501 | Y |
| 7 | IC 410-693962/9 | 10.0 | 34.79772 | 10.0 | 568297.0 | 3.479772 | Y |
| 8 | IC 410-693962/10 | 25.0 | 88.645277 | 10.0 | 562462.0 | 3.545811 | Y |



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## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

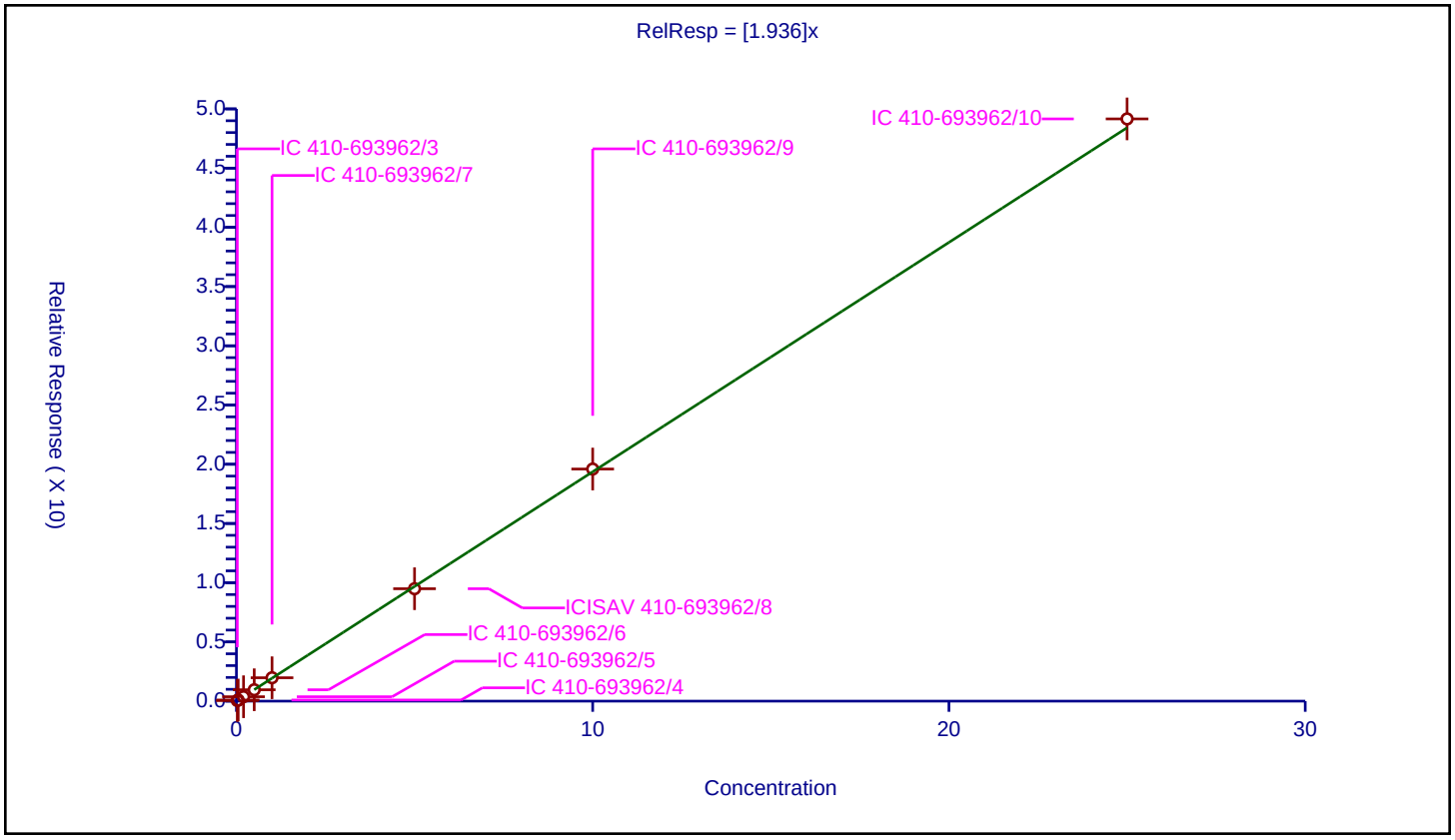
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.936 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.049972 | 10.0 | 535902.0 | 1.998873 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.095366 | 10.0 | 556490.0 | 1.907312 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.372496 | 10.0 | 579013.0 | 1.86248 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.962192 | 10.0 | 585226.0 | 1.924385 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.974639 | 10.0 | 547847.0 | 1.974639 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 9.491123 | 10.0 | 585407.0 | 1.898225 | Y |
| 7 | IC 410-693962/9 | 10.0 | 19.594121 | 10.0 | 568297.0 | 1.959412 | Y |
| 8 | IC 410-693962/10 | 25.0 | 49.154805 | 10.0 | 562462.0 | 1.966192 | Y |



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## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

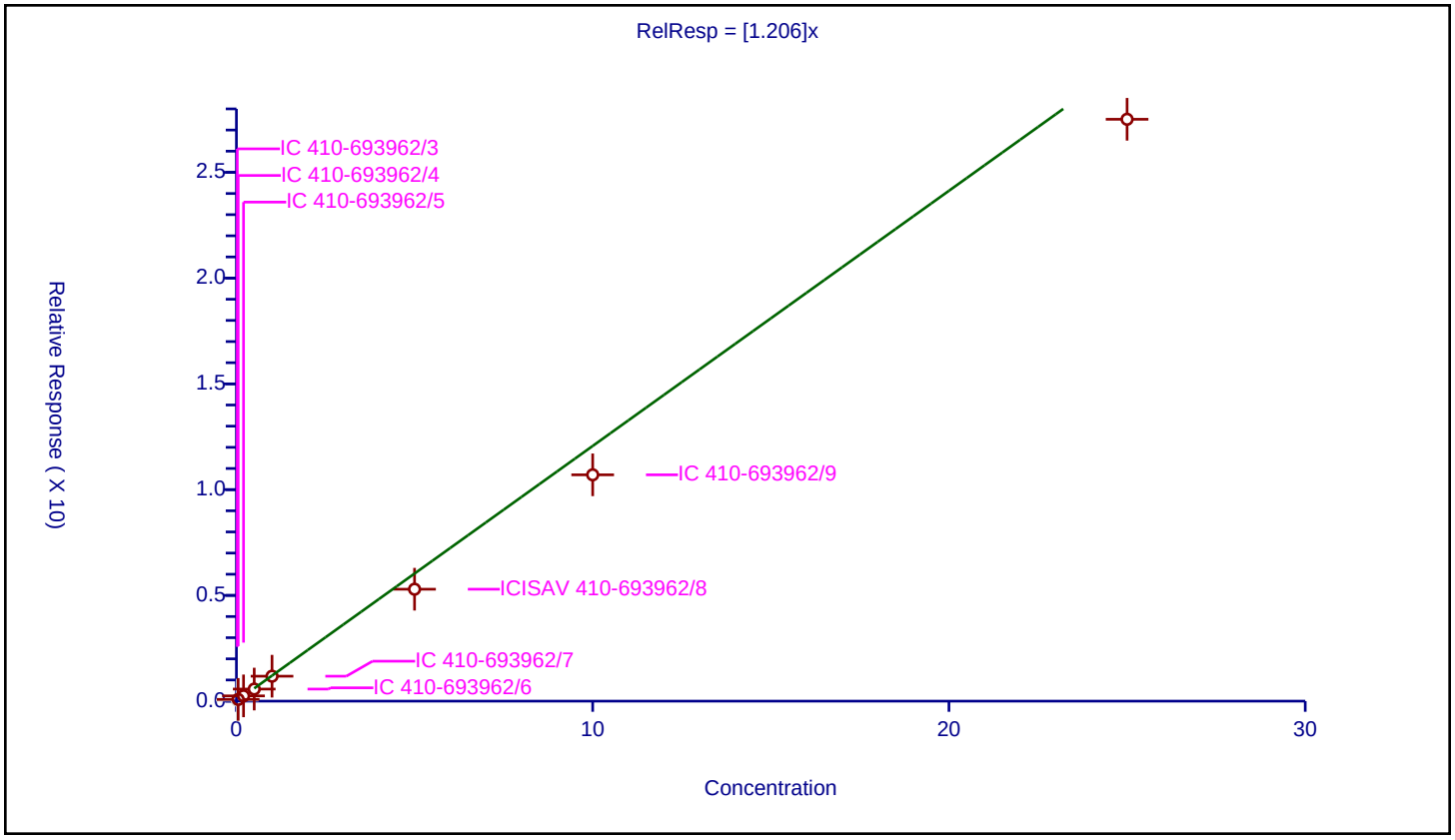
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.048983 | 10.0 | 535902.0 | 1.959313 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.082481 | 10.0 | 556490.0 | 1.649625 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.249183 | 10.0 | 579013.0 | 1.245913 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.570498 | 10.0 | 585226.0 | 1.140995 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.179672 | 10.0 | 547847.0 | 1.179672 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.291976 | 10.0 | 585407.0 | 1.058395 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.70032 | 10.0 | 568297.0 | 1.070032 | Y |
| 8 | IC 410-693962/10 | 25.0 | 27.508845 | 10.0 | 562462.0 | 1.100354 | Y |



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## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

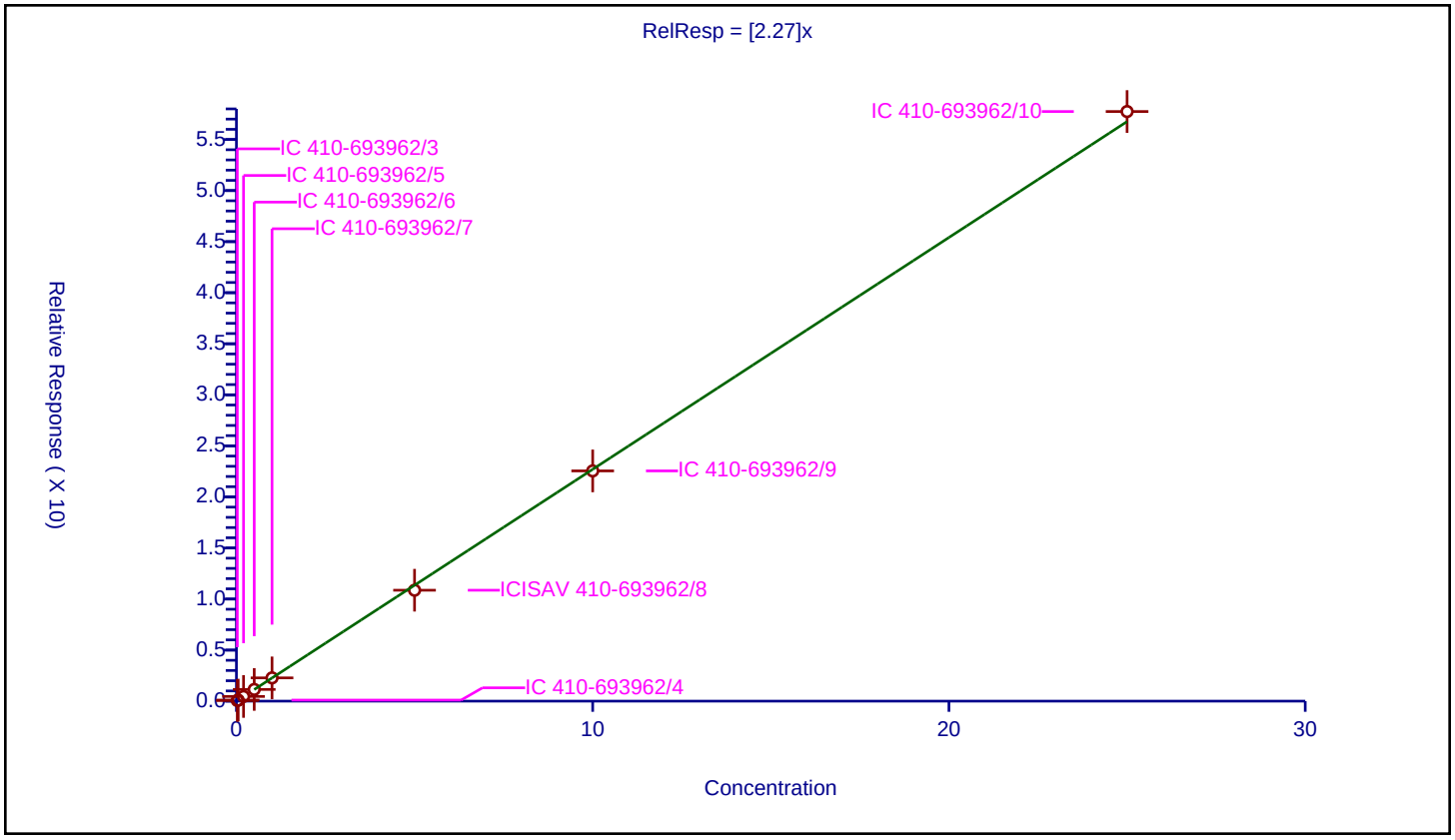
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.27 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.062586 | 10.0 | 535902.0 | 2.503443 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.102859 | 10.0 | 556490.0 | 2.05718 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.45847 | 10.0 | 579013.0 | 2.292349 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.146719 | 10.0 | 585226.0 | 2.293439 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.279176 | 10.0 | 547847.0 | 2.279176 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 10.86316 | 10.0 | 585407.0 | 2.172632 | Y |
| 7 | IC 410-693962/9 | 10.0 | 22.546644 | 10.0 | 568297.0 | 2.254664 | Y |
| 8 | IC 410-693962/10 | 25.0 | 57.742087 | 10.0 | 562462.0 | 2.309683 | Y |



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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

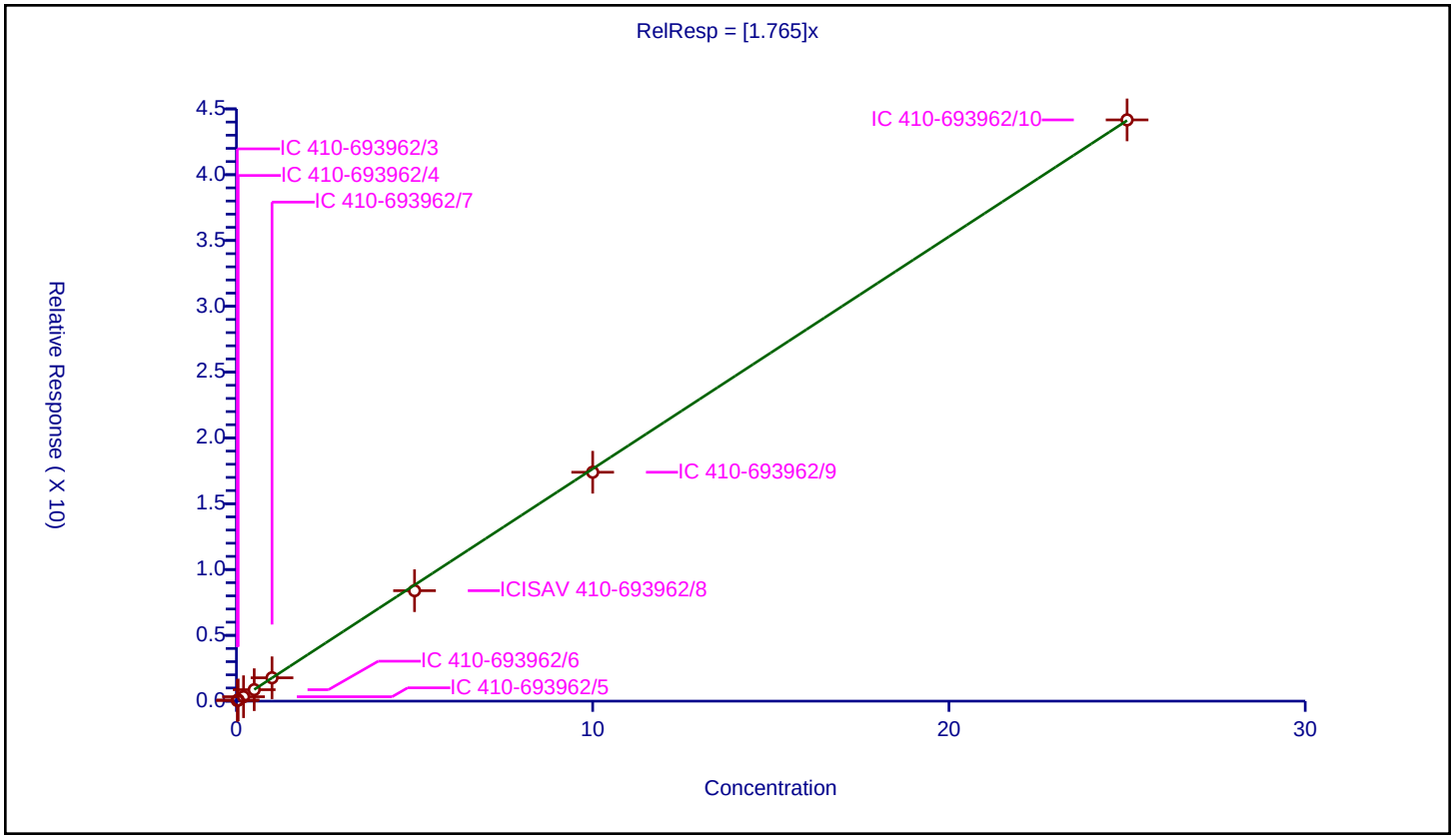
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.765 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.048423 | 10.0 | 535902.0 | 1.936921 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.089759 | 10.0 | 556490.0 | 1.795181 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.336435 | 10.0 | 579013.0 | 1.682173 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.872056 | 10.0 | 585226.0 | 1.744113 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.775404 | 10.0 | 547847.0 | 1.775404 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 8.392349 | 10.0 | 585407.0 | 1.67847 | Y |
| 7 | IC 410-693962/9 | 10.0 | 17.391804 | 10.0 | 568297.0 | 1.73918 | Y |
| 8 | IC 410-693962/10 | 25.0 | 44.165081 | 10.0 | 562462.0 | 1.766603 | Y |



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## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

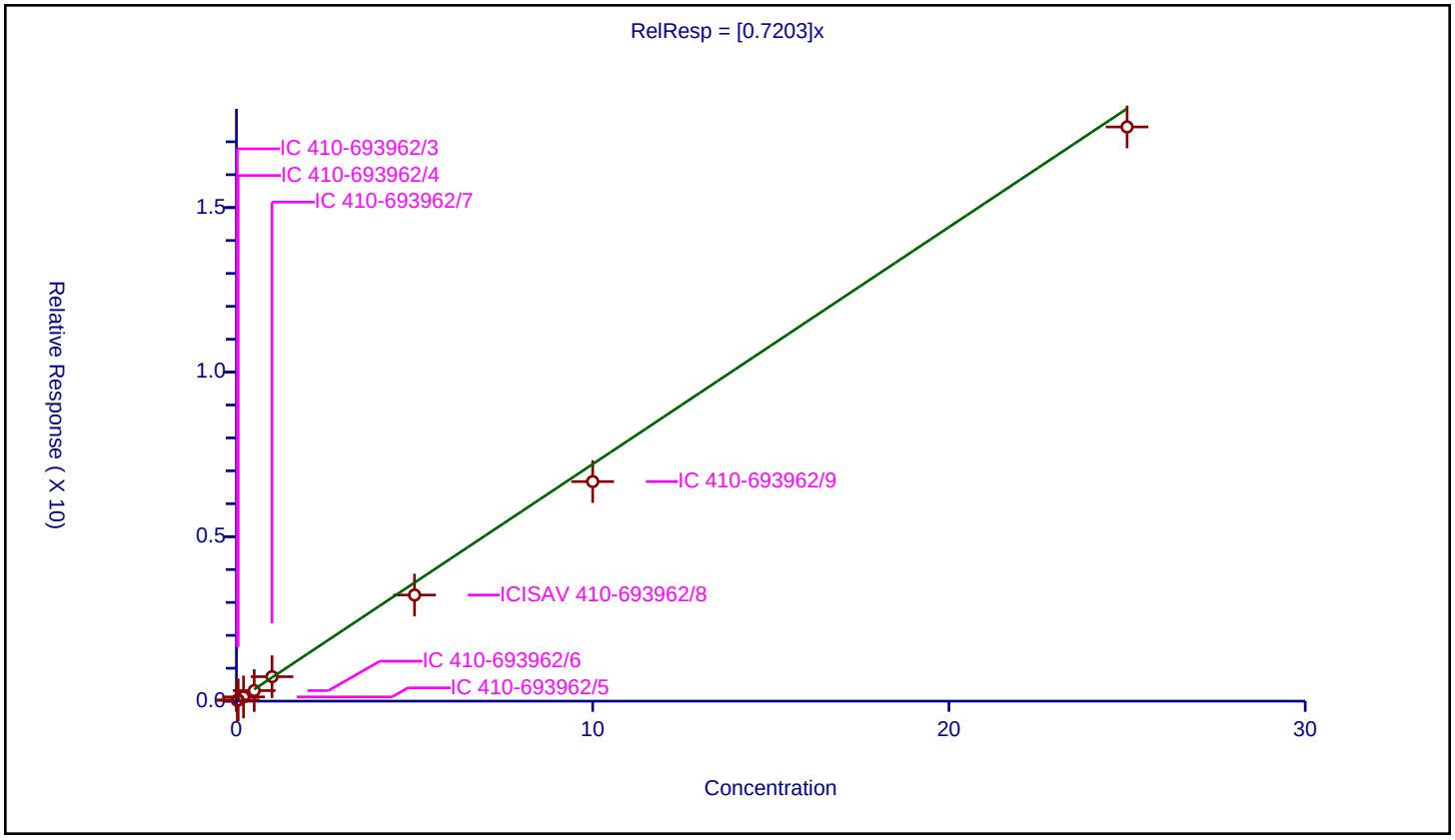
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7203 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.024669 | 10.0 | 535902.0 | 0.986748 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.036622 | 10.0 | 556490.0 | 0.732448 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.129341 | 10.0 | 579013.0 | 0.646704 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.321141 | 10.0 | 585226.0 | 0.642282 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.743876 | 10.0 | 547847.0 | 0.743876 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.22567 | 10.0 | 585407.0 | 0.645134 | Y |
| 7 | IC 410-693962/9 | 10.0 | 6.67299 | 10.0 | 568297.0 | 0.667299 | Y |
| 8 | IC 410-693962/10 | 25.0 | 17.451028 | 10.0 | 562462.0 | 0.698041 | Y |



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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

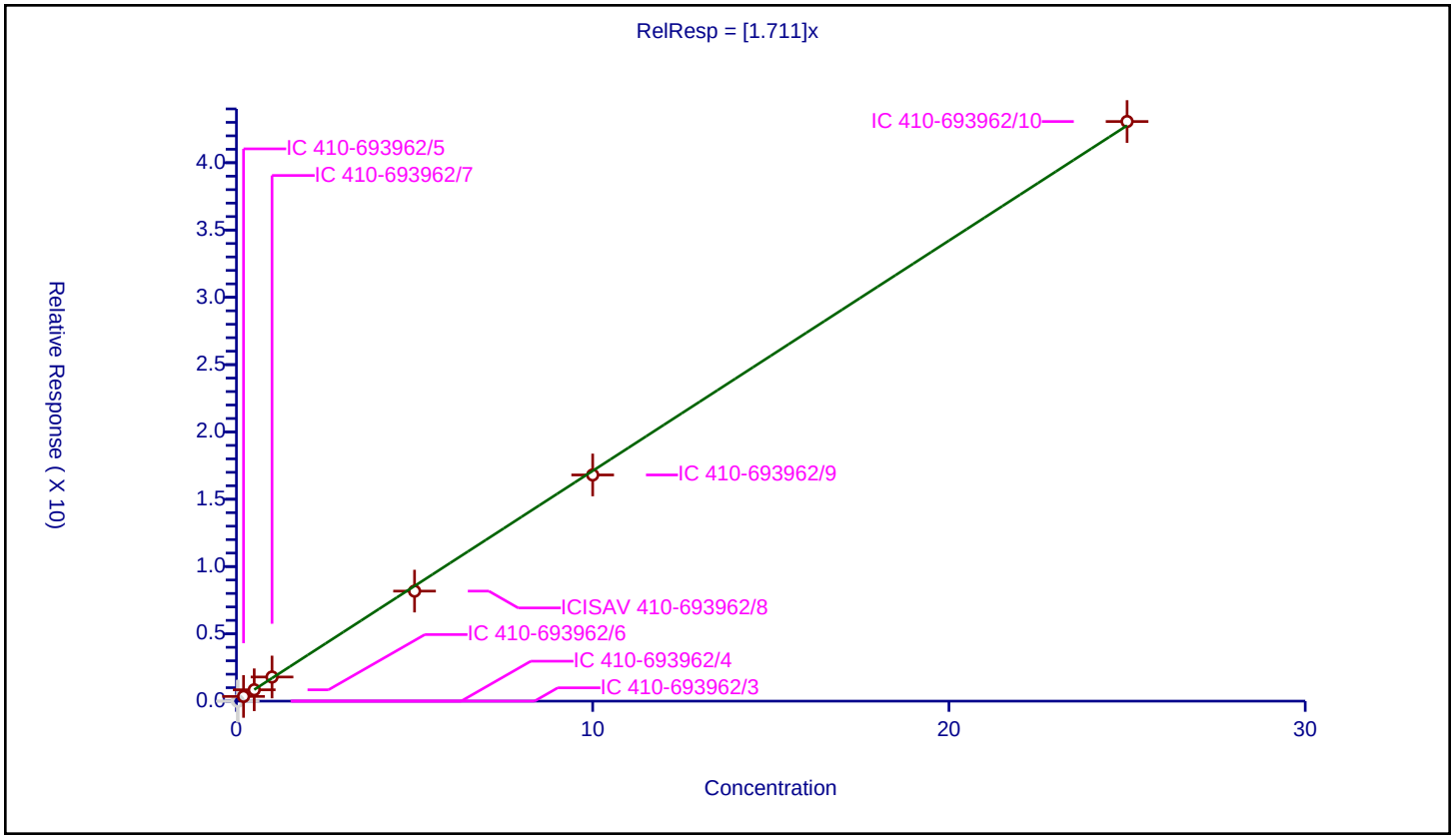
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.711 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 535902.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.0 | 10.0 | 556490.0 | 0.0 | N |
| 3 | IC 410-693962/5 | 0.2 | 0.349353 | 10.0 | 579013.0 | 1.746766 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.843247 | 10.0 | 585226.0 | 1.686494 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.792873 | 10.0 | 547847.0 | 1.792873 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 8.174415 | 10.0 | 585407.0 | 1.634883 | Y |
| 7 | IC 410-693962/9 | 10.0 | 16.803538 | 10.0 | 568297.0 | 1.680354 | Y |
| 8 | IC 410-693962/10 | 25.0 | 43.062376 | 10.0 | 562462.0 | 1.722495 | Y |



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## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

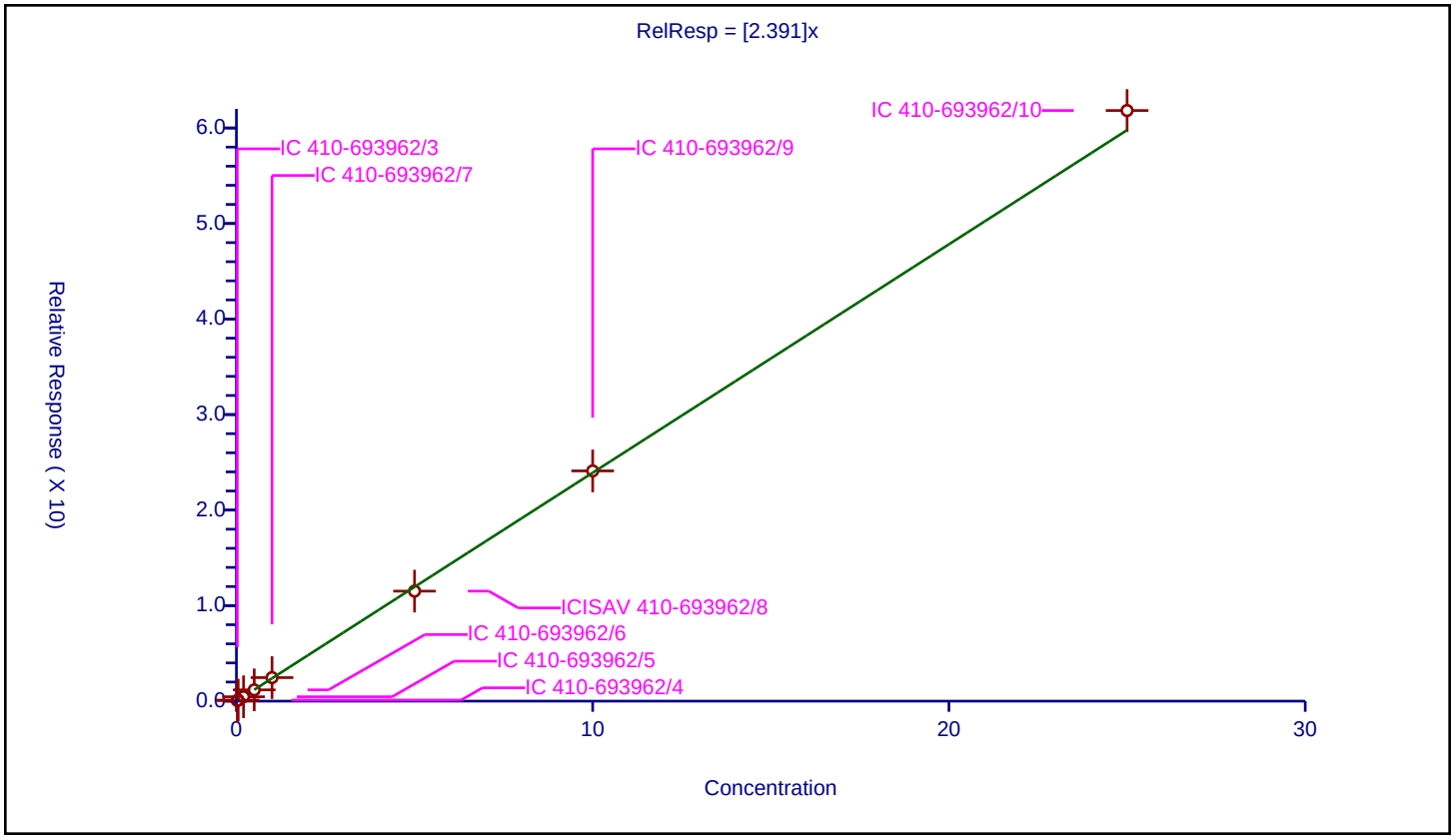
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.391 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.066206 | 10.0 | 535902.0 | 2.648245 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.108753 | 10.0 | 556490.0 | 2.175062 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.458902 | 10.0 | 579013.0 | 2.294508 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.180809 | 10.0 | 585226.0 | 2.361618 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.463242 | 10.0 | 547847.0 | 2.463242 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 11.516996 | 10.0 | 585407.0 | 2.303399 | Y |
| 7 | IC 410-693962/9 | 10.0 | 24.10296 | 10.0 | 568297.0 | 2.410296 | Y |
| 8 | IC 410-693962/10 | 25.0 | 61.830221 | 10.0 | 562462.0 | 2.473209 | Y |



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## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

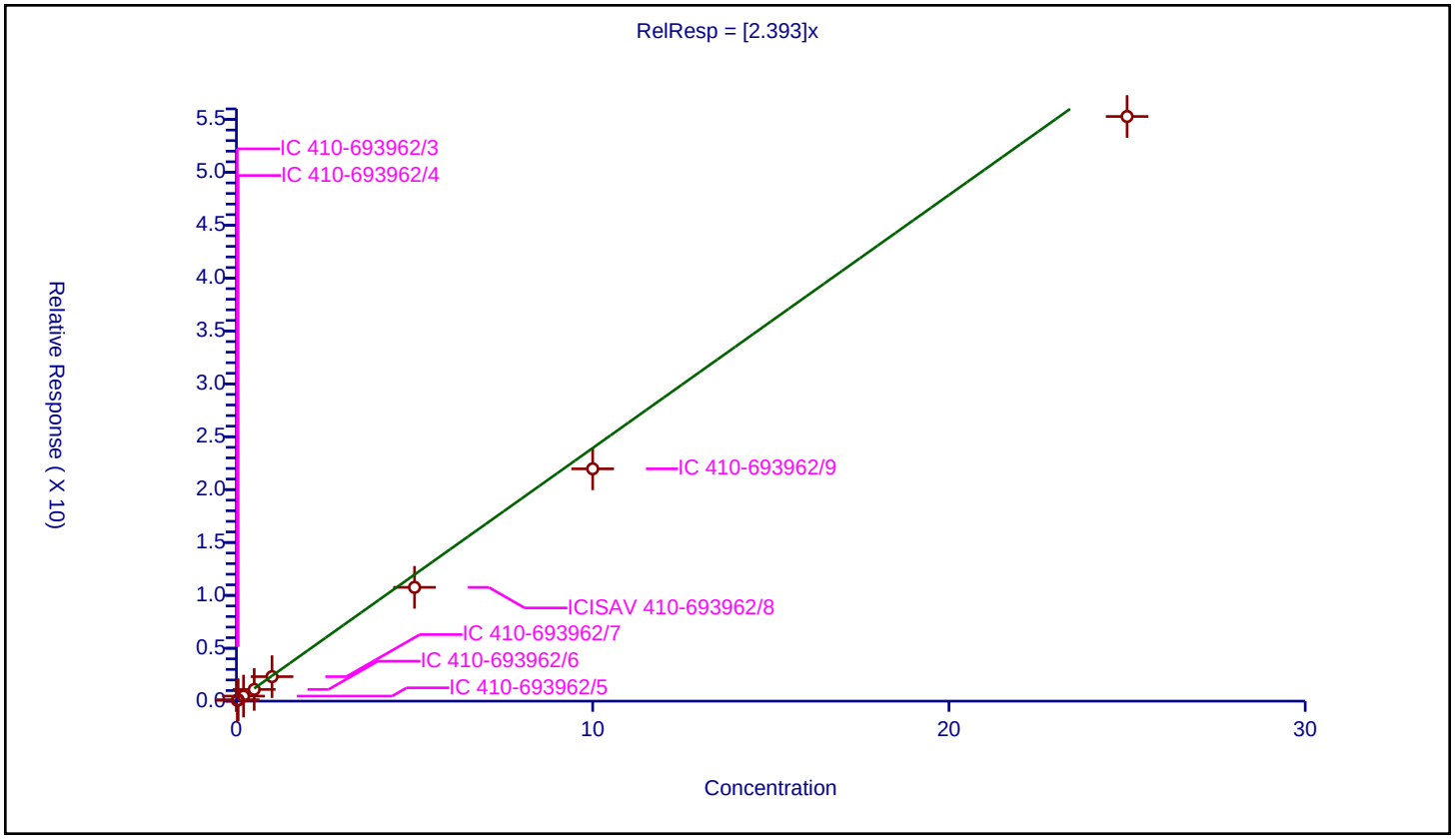
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.393 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.077626 | 10.0 | 535902.0 | 3.105045 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.128448 | 10.0 | 556490.0 | 2.568959 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.476103 | 10.0 | 579013.0 | 2.380516 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.106513 | 10.0 | 585226.0 | 2.213025 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.31634 | 10.0 | 547847.0 | 2.31634 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 10.759386 | 10.0 | 585407.0 | 2.151877 | Y |
| 7 | IC 410-693962/9 | 10.0 | 21.966648 | 10.0 | 568297.0 | 2.196665 | Y |
| 8 | IC 410-693962/10 | 25.0 | 55.282686 | 10.0 | 562462.0 | 2.211307 | Y |



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## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

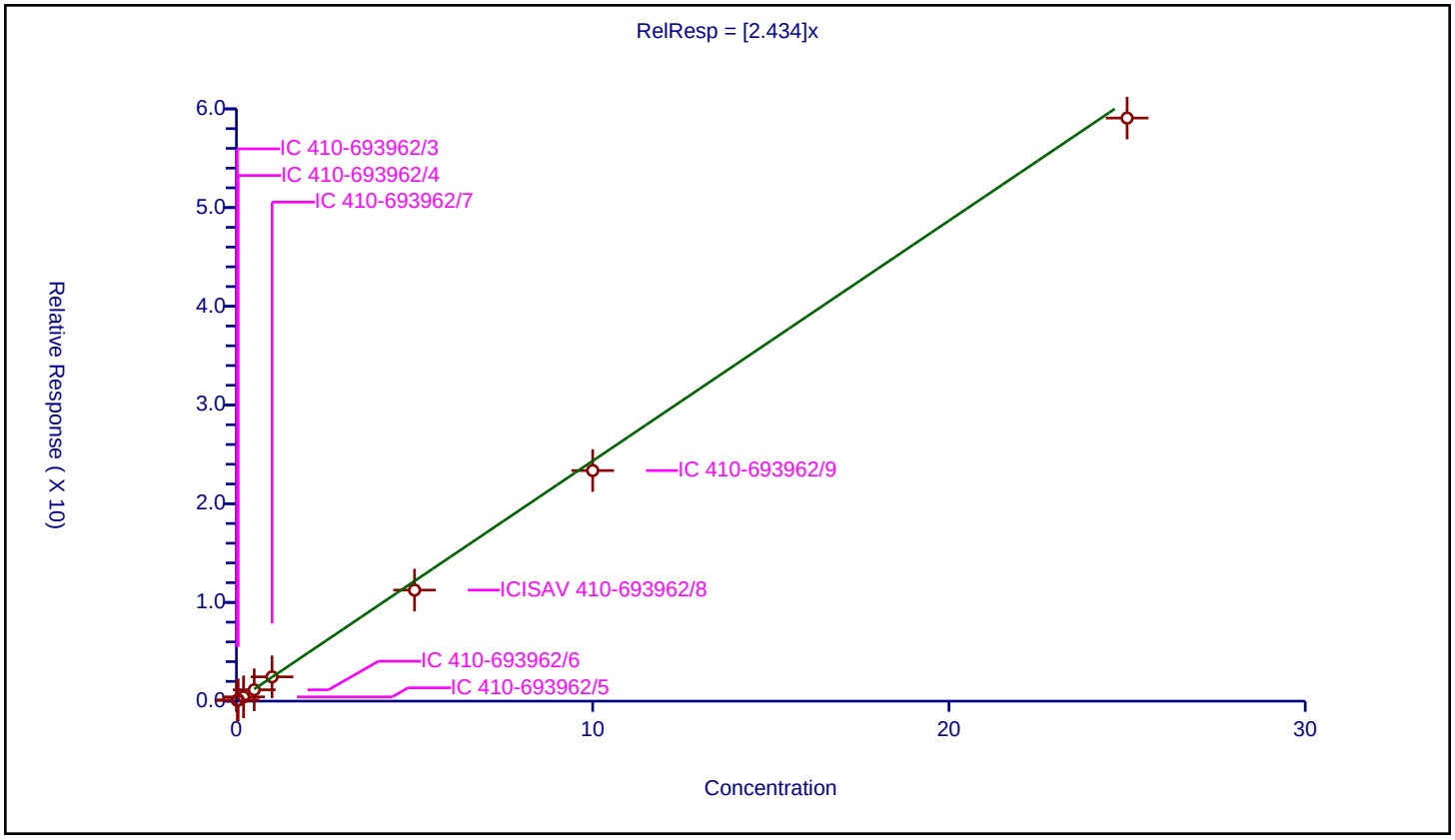
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.434 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.074529 | 10.0 | 535902.0 | 2.981142 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.131018 | 10.0 | 556490.0 | 2.620353 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.431337 | 10.0 | 579013.0 | 2.156687 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.150427 | 10.0 | 585226.0 | 2.300855 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.461362 | 10.0 | 547847.0 | 2.461362 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 11.249592 | 10.0 | 585407.0 | 2.249918 | Y |
| 7 | IC 410-693962/9 | 10.0 | 23.359177 | 10.0 | 568297.0 | 2.335918 | Y |
| 8 | IC 410-693962/10 | 25.0 | 59.071244 | 10.0 | 562462.0 | 2.36285 | Y |



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## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

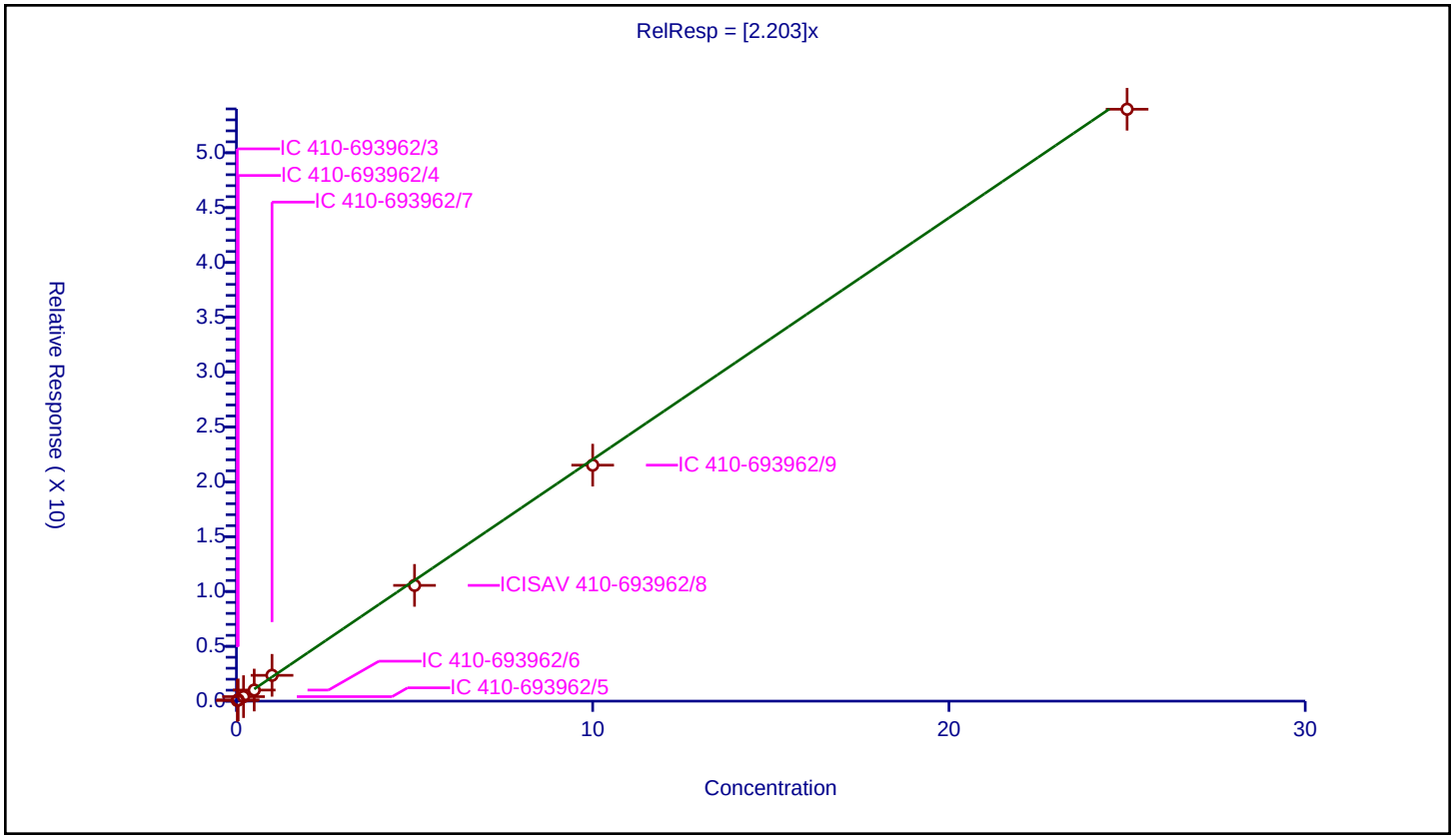
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.203 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.060571 | 10.0 | 535902.0 | 2.422831 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.117702 | 10.0 | 556490.0 | 2.354041 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.41044 | 10.0 | 579013.0 | 2.052199 | Y |
| 4 | IC 410-693962/6 | 0.5 | 1.010926 | 10.0 | 585226.0 | 2.021851 | Y |
| 5 | IC 410-693962/7 | 1.0 | 2.354709 | 10.0 | 547847.0 | 2.354709 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 10.554179 | 10.0 | 585407.0 | 2.110836 | Y |
| 7 | IC 410-693962/9 | 10.0 | 21.517305 | 10.0 | 568297.0 | 2.151731 | Y |
| 8 | IC 410-693962/10 | 25.0 | 53.967628 | 10.0 | 562462.0 | 2.158705 | Y |



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## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

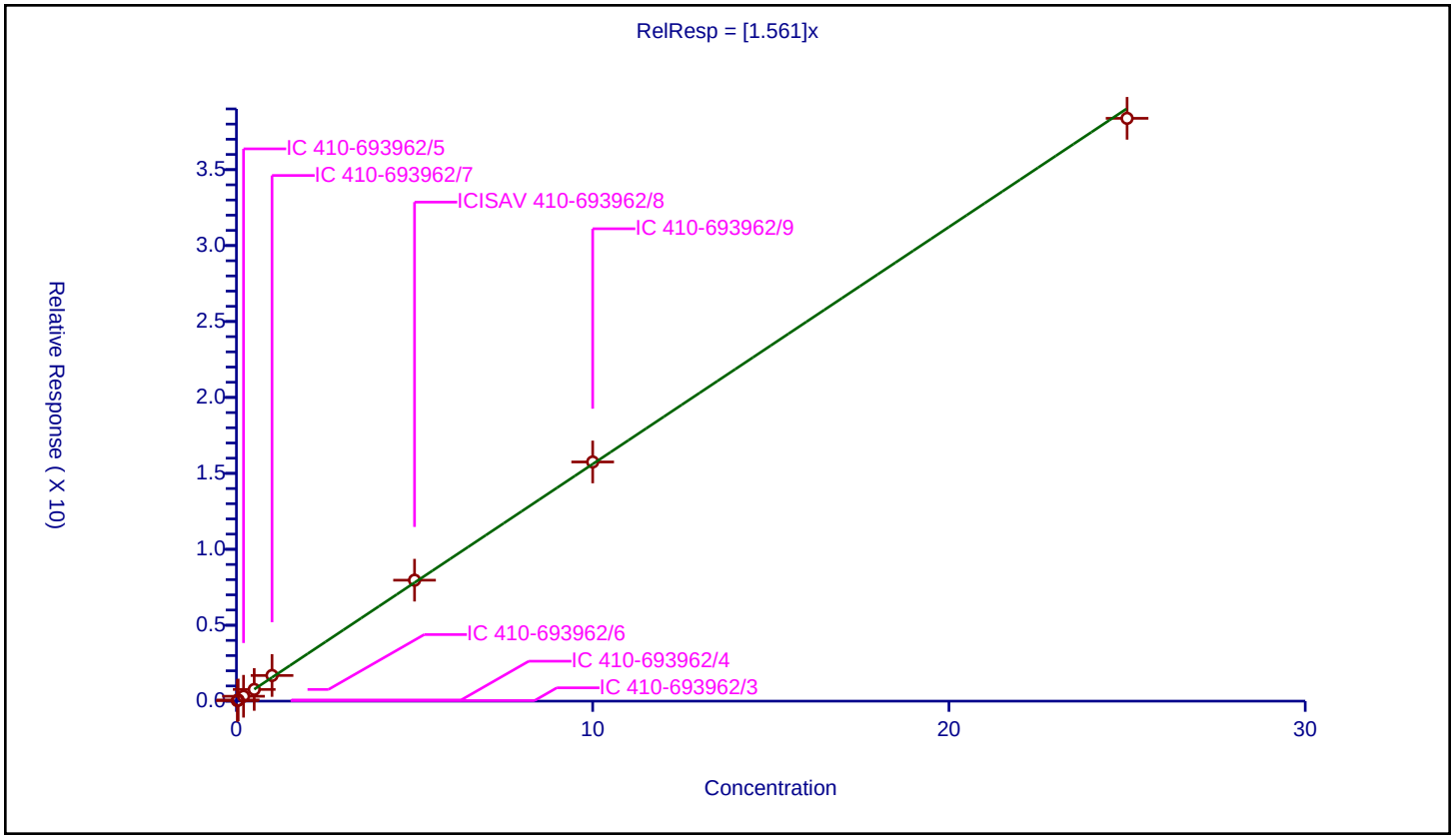
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.561 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.035527 | 10.0 | 2323314.0 | 1.421074 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.076133 | 10.0 | 2355469.0 | 1.522669 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.322501 | 10.0 | 2499805.0 | 1.612506 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.770156 | 10.0 | 2525736.0 | 1.540311 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.689692 | 10.0 | 2289630.0 | 1.689692 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 7.965419 | 10.0 | 2450175.0 | 1.593084 | Y |
| 7 | IC 410-693962/9 | 10.0 | 15.749816 | 10.0 | 2489198.0 | 1.574982 | Y |
| 8 | IC 410-693962/10 | 25.0 | 38.378749 | 10.0 | 2546096.0 | 1.53515 | Y |



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## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

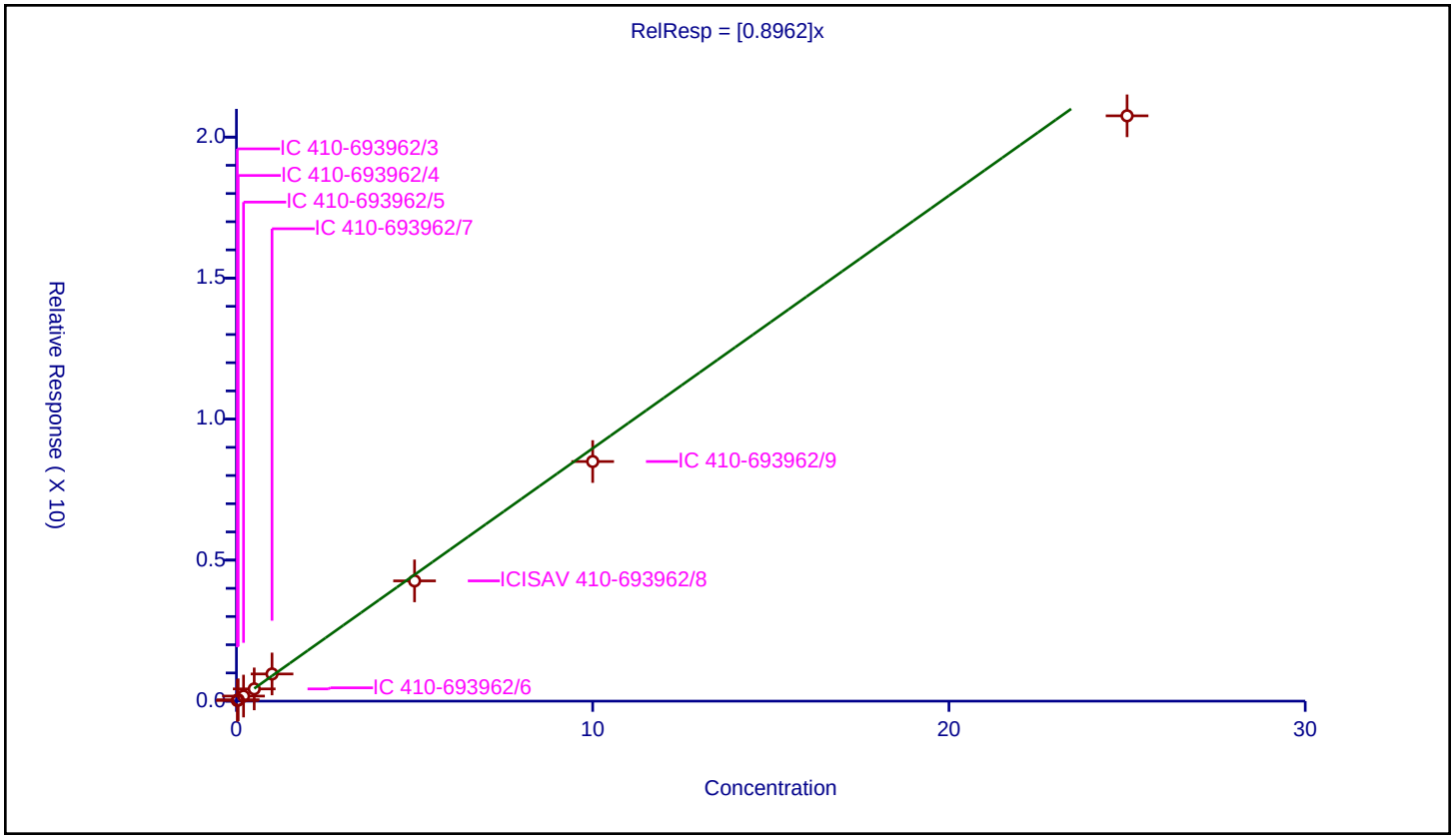
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8962 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.023316 | 10.0 | 2323314.0 | 0.932633 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.04867 | 10.0 | 2355469.0 | 0.973394 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.17973 | 10.0 | 2499805.0 | 0.89865 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.434321 | 10.0 | 2525736.0 | 0.868642 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.963977 | 10.0 | 2289630.0 | 0.963977 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.264344 | 10.0 | 2450175.0 | 0.852869 | Y |
| 7 | IC 410-693962/9 | 10.0 | 8.496162 | 10.0 | 2489198.0 | 0.849616 | Y |
| 8 | IC 410-693962/10 | 25.0 | 20.754017 | 10.0 | 2546096.0 | 0.830161 | Y |



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## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

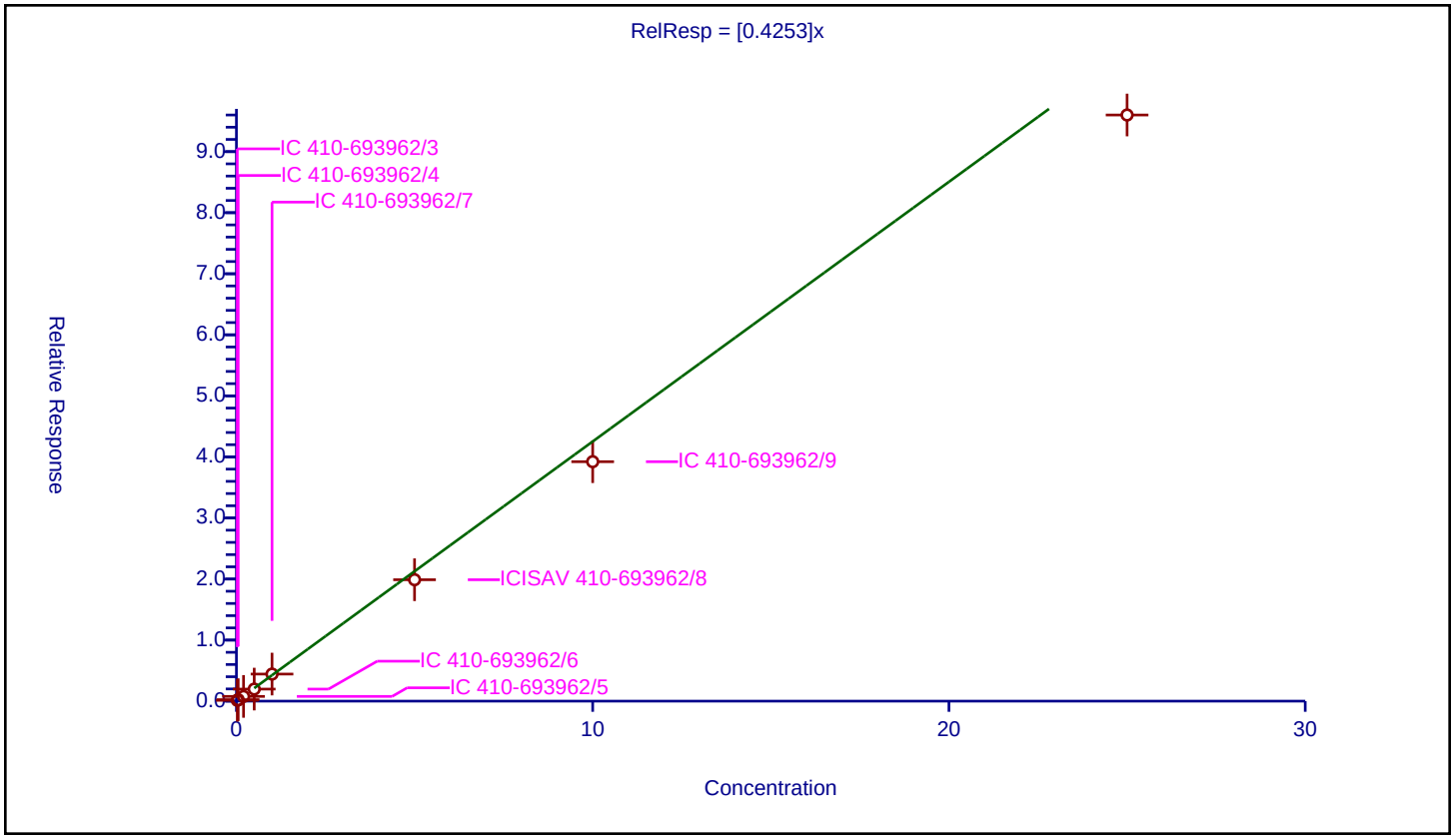
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4253 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.013102 | 10.0 | 2323314.0 | 0.524079 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.023902 | 10.0 | 2355469.0 | 0.478036 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.077602 | 10.0 | 2499805.0 | 0.38801 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.19742 | 10.0 | 2525736.0 | 0.394839 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.443216 | 10.0 | 2289630.0 | 0.443216 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.988703 | 10.0 | 2450175.0 | 0.397741 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.921974 | 10.0 | 2489198.0 | 0.392197 | Y |
| 8 | IC 410-693962/10 | 25.0 | 9.600306 | 10.0 | 2546096.0 | 0.384012 | Y |



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## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

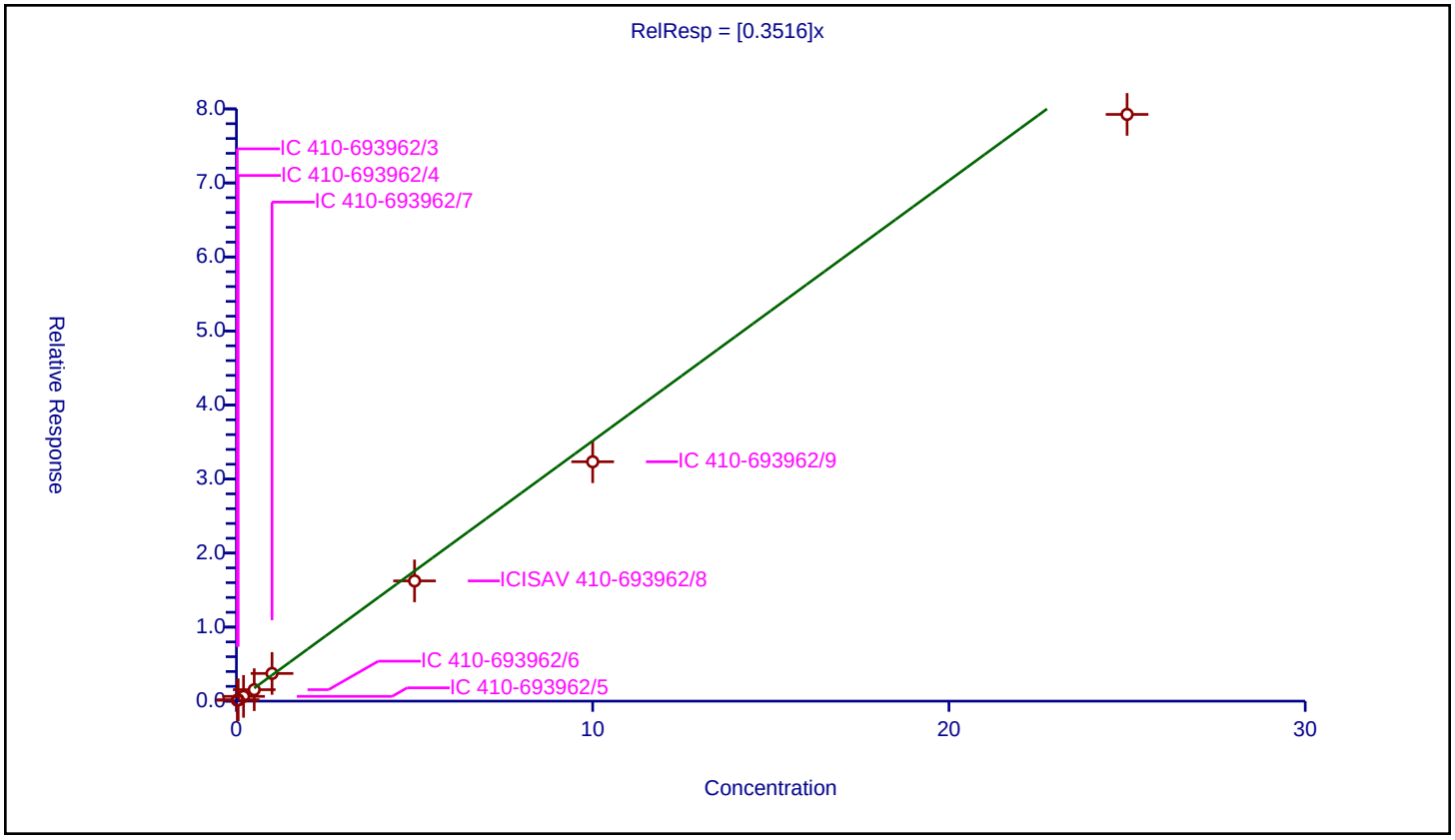
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3516 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.012009 | 10.0 | 2323314.0 | 0.480348 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.018111 | 10.0 | 2355469.0 | 0.362221 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.064329 | 10.0 | 2499805.0 | 0.321645 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.154699 | 10.0 | 2525736.0 | 0.309399 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.373908 | 10.0 | 2289630.0 | 0.373908 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.624113 | 10.0 | 2450175.0 | 0.324823 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.233957 | 10.0 | 2489198.0 | 0.323396 | Y |
| 8 | IC 410-693962/10 | 25.0 | 7.925361 | 10.0 | 2546096.0 | 0.317014 | Y |



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## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

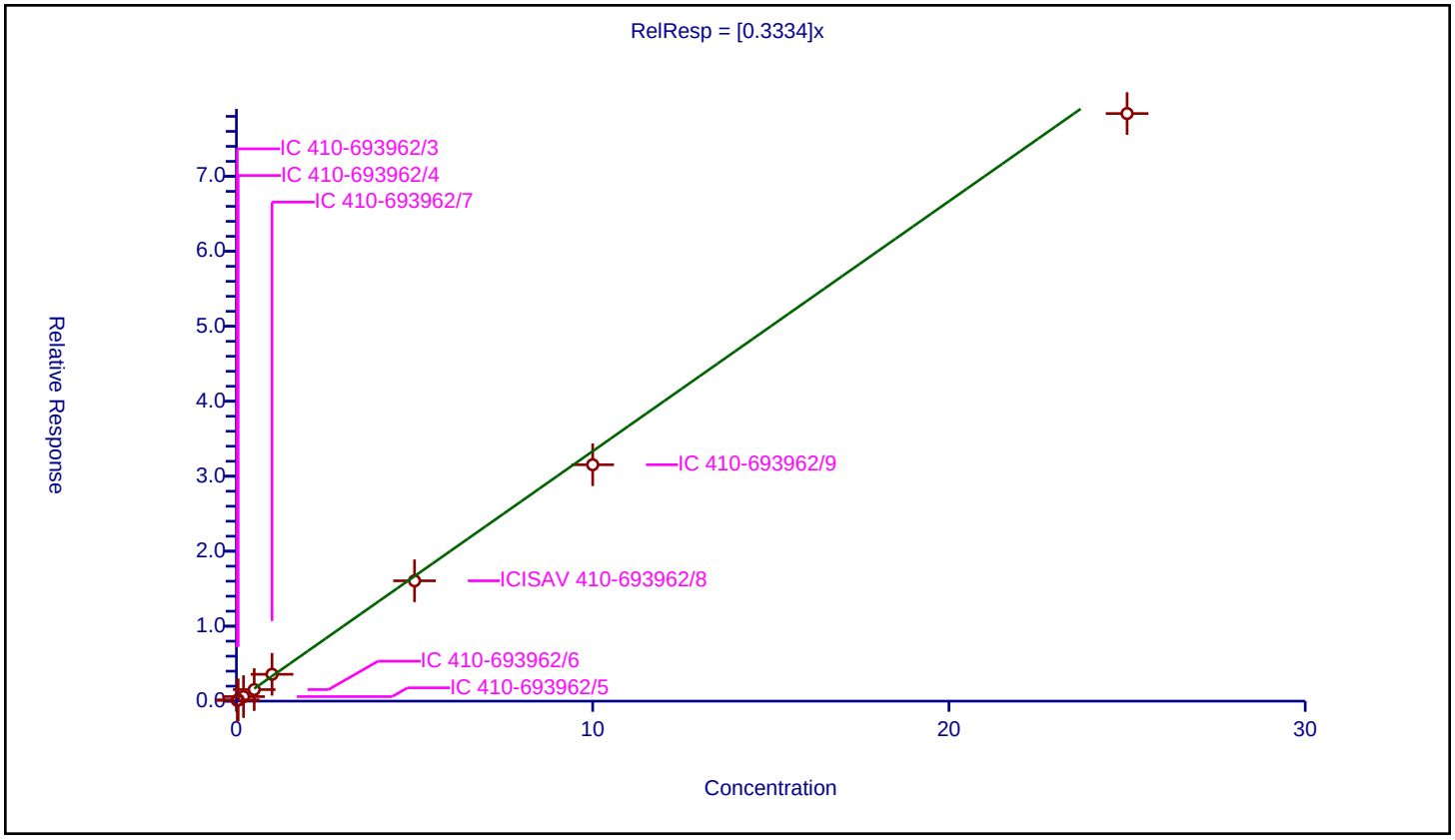
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3334 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.009917 | 10.0 | 2323314.0 | 0.396675 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.017555 | 10.0 | 2355469.0 | 0.351098 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.060529 | 10.0 | 2499805.0 | 0.302644 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.154252 | 10.0 | 2525736.0 | 0.308504 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.358128 | 10.0 | 2289630.0 | 0.358128 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.605461 | 10.0 | 2450175.0 | 0.321092 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.153498 | 10.0 | 2489198.0 | 0.31535 | Y |
| 8 | IC 410-693962/10 | 25.0 | 7.83776 | 10.0 | 2546096.0 | 0.31351 | Y |



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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

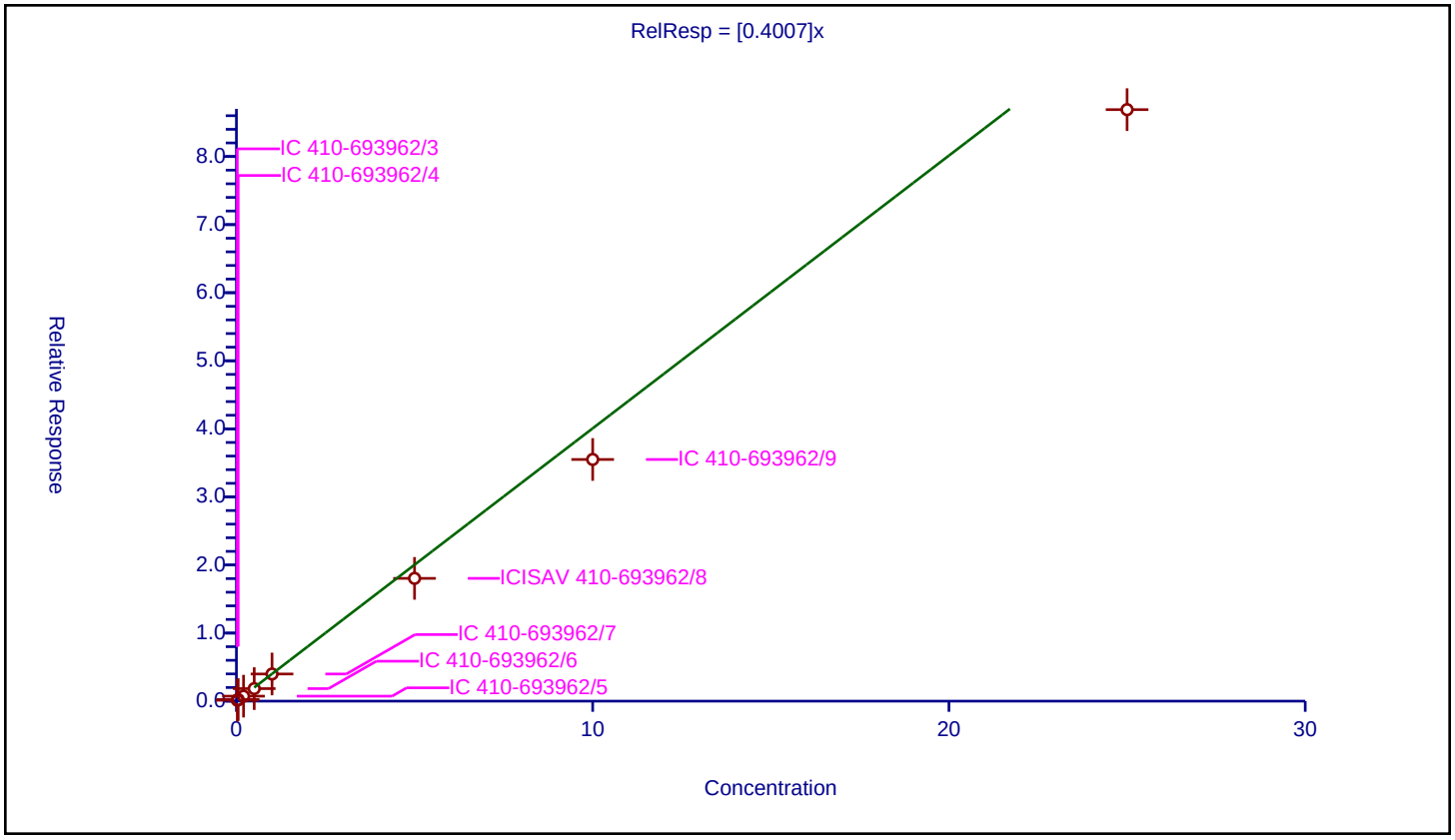
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4007 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.013524 | 10.0 | 2323314.0 | 0.540951 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.023358 | 10.0 | 2355469.0 | 0.467168 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.07333 | 10.0 | 2499805.0 | 0.366649 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.184263 | 10.0 | 2525736.0 | 0.368526 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.39903 | 10.0 | 2289630.0 | 0.39903 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.80359 | 10.0 | 2450175.0 | 0.360718 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.550023 | 10.0 | 2489198.0 | 0.355002 | Y |
| 8 | IC 410-693962/10 | 25.0 | 8.689091 | 10.0 | 2546096.0 | 0.347564 | Y |



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## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

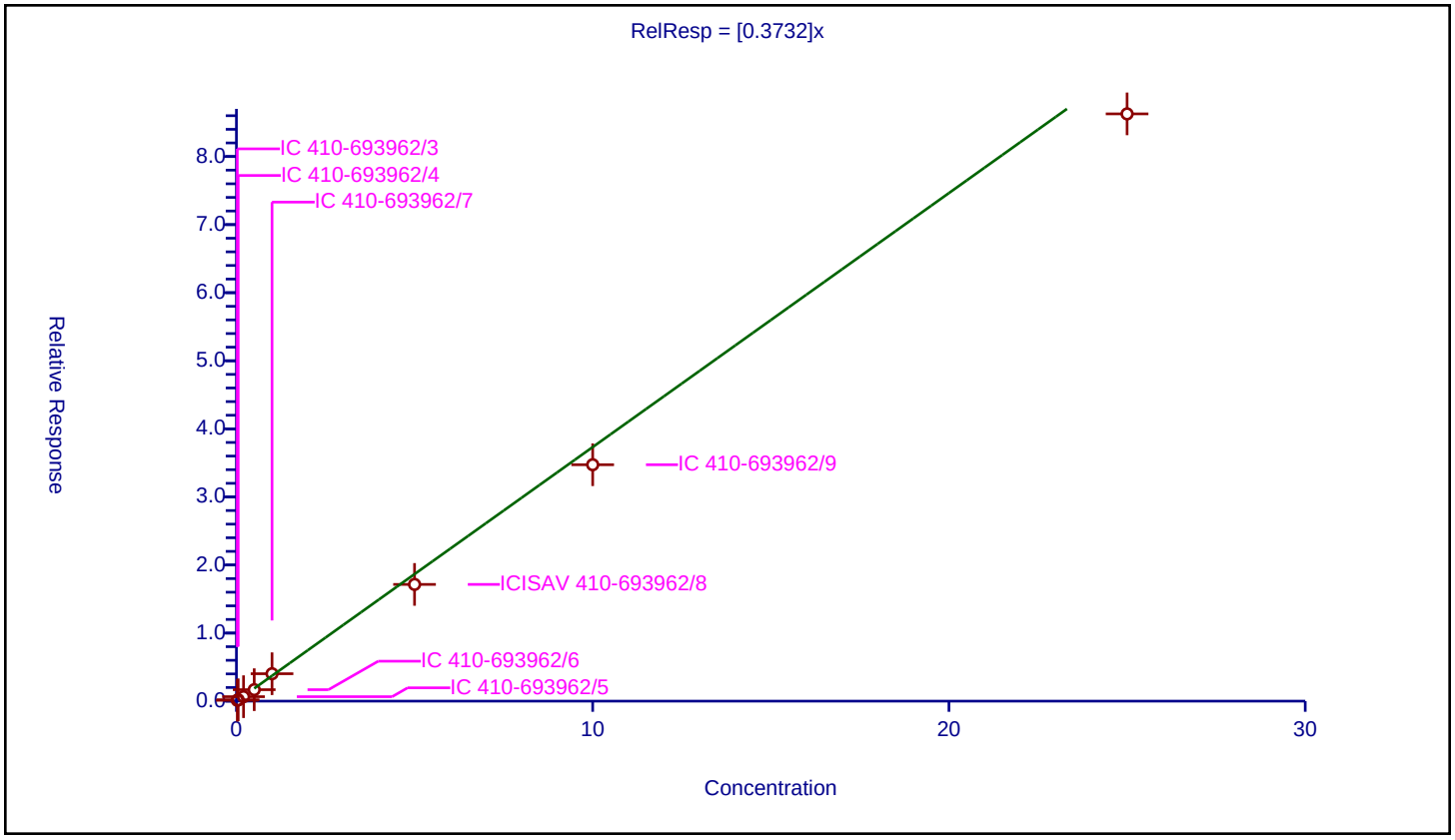
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3732 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.012155 | 10.0 | 2323314.0 | 0.486202 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.01989 | 10.0 | 2355469.0 | 0.397798 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.065381 | 10.0 | 2499805.0 | 0.326905 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.168292 | 10.0 | 2525736.0 | 0.336583 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.402676 | 10.0 | 2289630.0 | 0.402676 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.714816 | 10.0 | 2450175.0 | 0.342963 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.472813 | 10.0 | 2489198.0 | 0.347281 | Y |
| 8 | IC 410-693962/10 | 25.0 | 8.626792 | 10.0 | 2546096.0 | 0.345072 | Y |



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## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

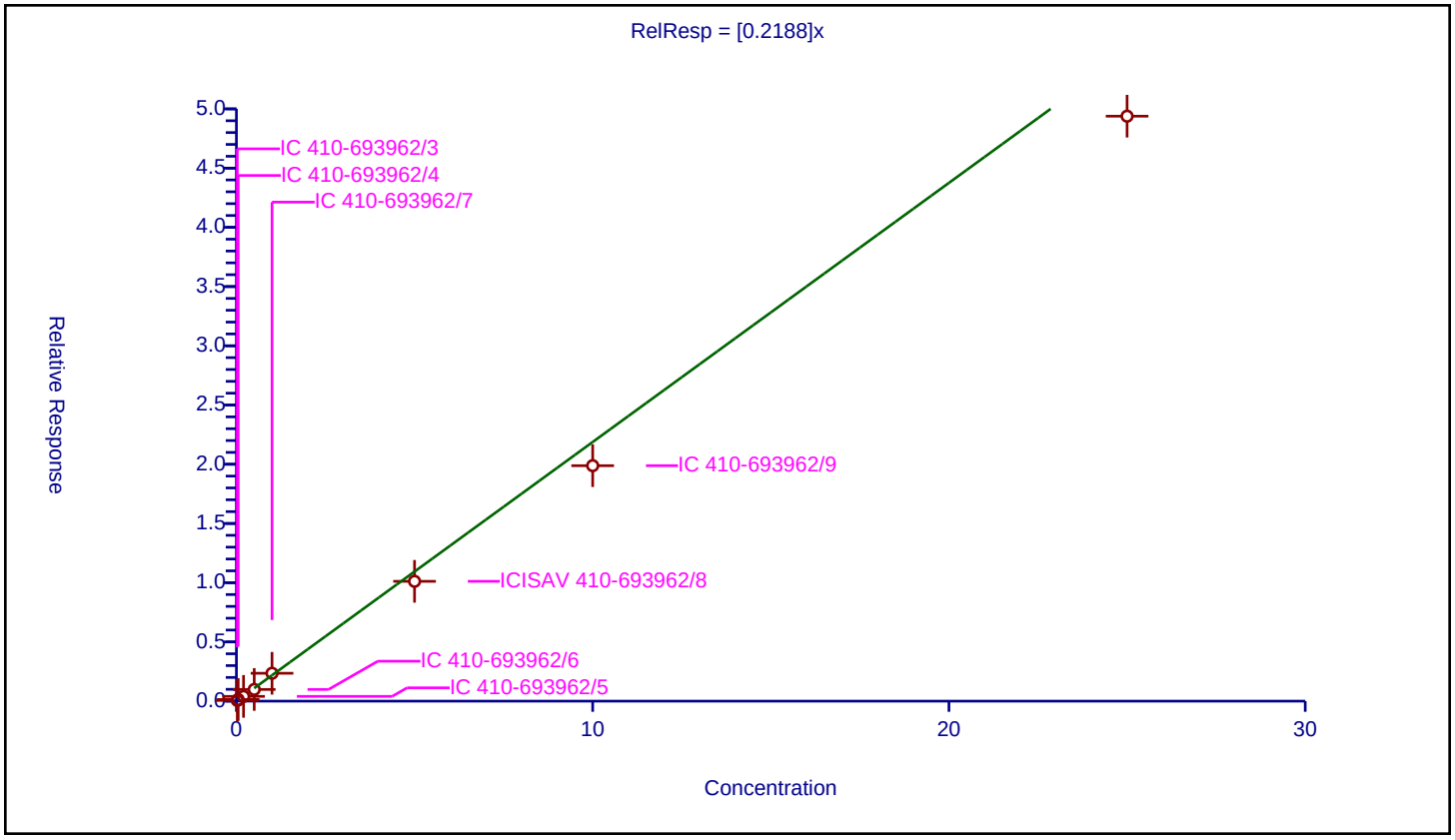
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2188 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.006052 | 10.0 | 2323314.0 | 0.242068 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.013815 | 10.0 | 2355469.0 | 0.276293 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.040115 | 10.0 | 2499805.0 | 0.200576 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.09868 | 10.0 | 2525736.0 | 0.19736 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.235226 | 10.0 | 2289630.0 | 0.235226 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.011487 | 10.0 | 2450175.0 | 0.202297 | Y |
| 7 | IC 410-693962/9 | 10.0 | 1.987913 | 10.0 | 2489198.0 | 0.198791 | Y |
| 8 | IC 410-693962/10 | 25.0 | 4.938372 | 10.0 | 2546096.0 | 0.197535 | Y |



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## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

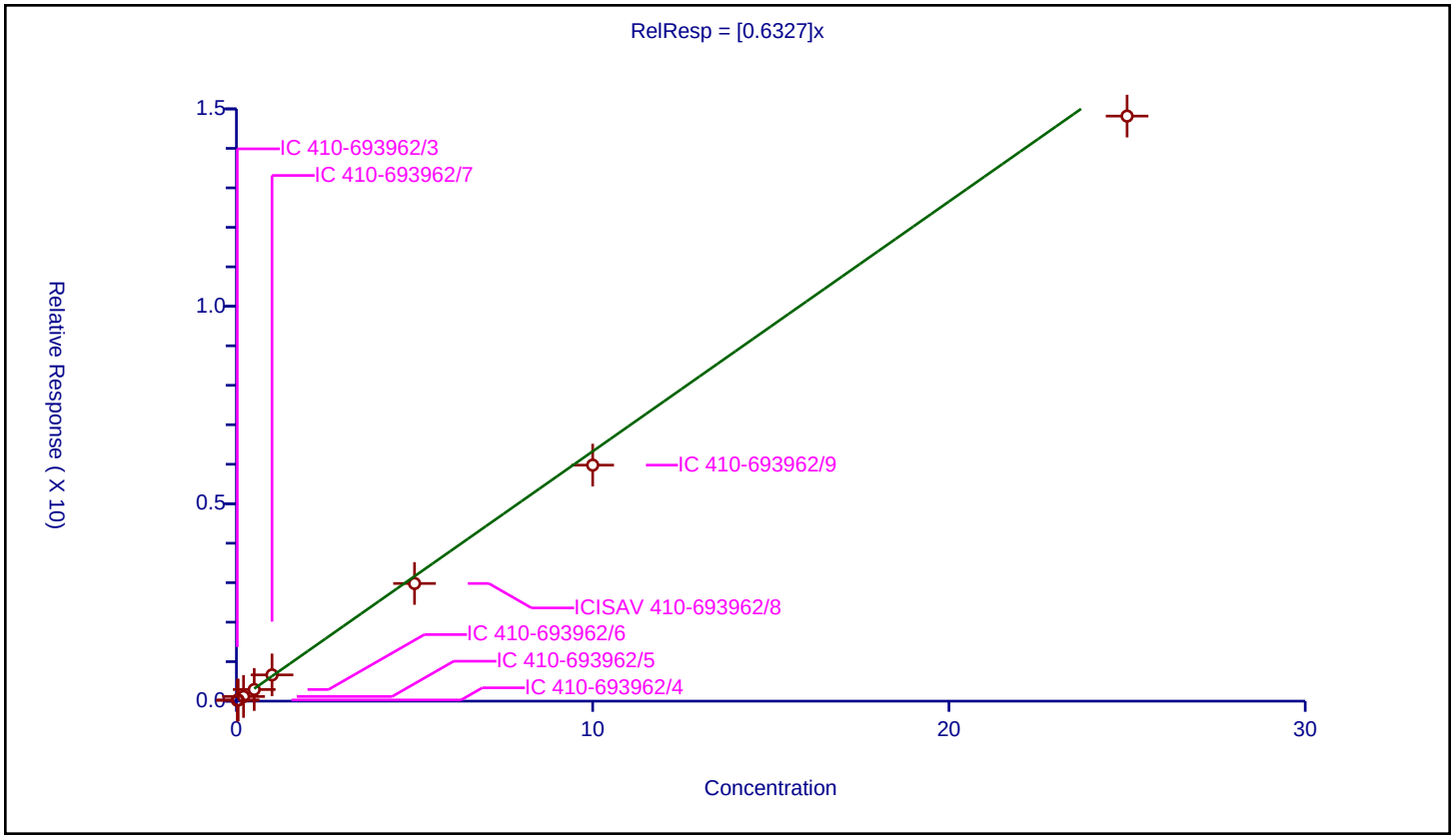
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6327 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.020729 | 10.0 | 2323314.0 | 0.82916 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.030211 | 10.0 | 2355469.0 | 0.604211 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.117457 | 10.0 | 2499805.0 | 0.587286 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.29469 | 10.0 | 2525736.0 | 0.589381 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.66461 | 10.0 | 2289630.0 | 0.66461 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.980583 | 10.0 | 2450175.0 | 0.596117 | Y |
| 7 | IC 410-693962/9 | 10.0 | 5.978002 | 10.0 | 2489198.0 | 0.5978 | Y |
| 8 | IC 410-693962/10 | 25.0 | 14.817627 | 10.0 | 2546096.0 | 0.592705 | Y |



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## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

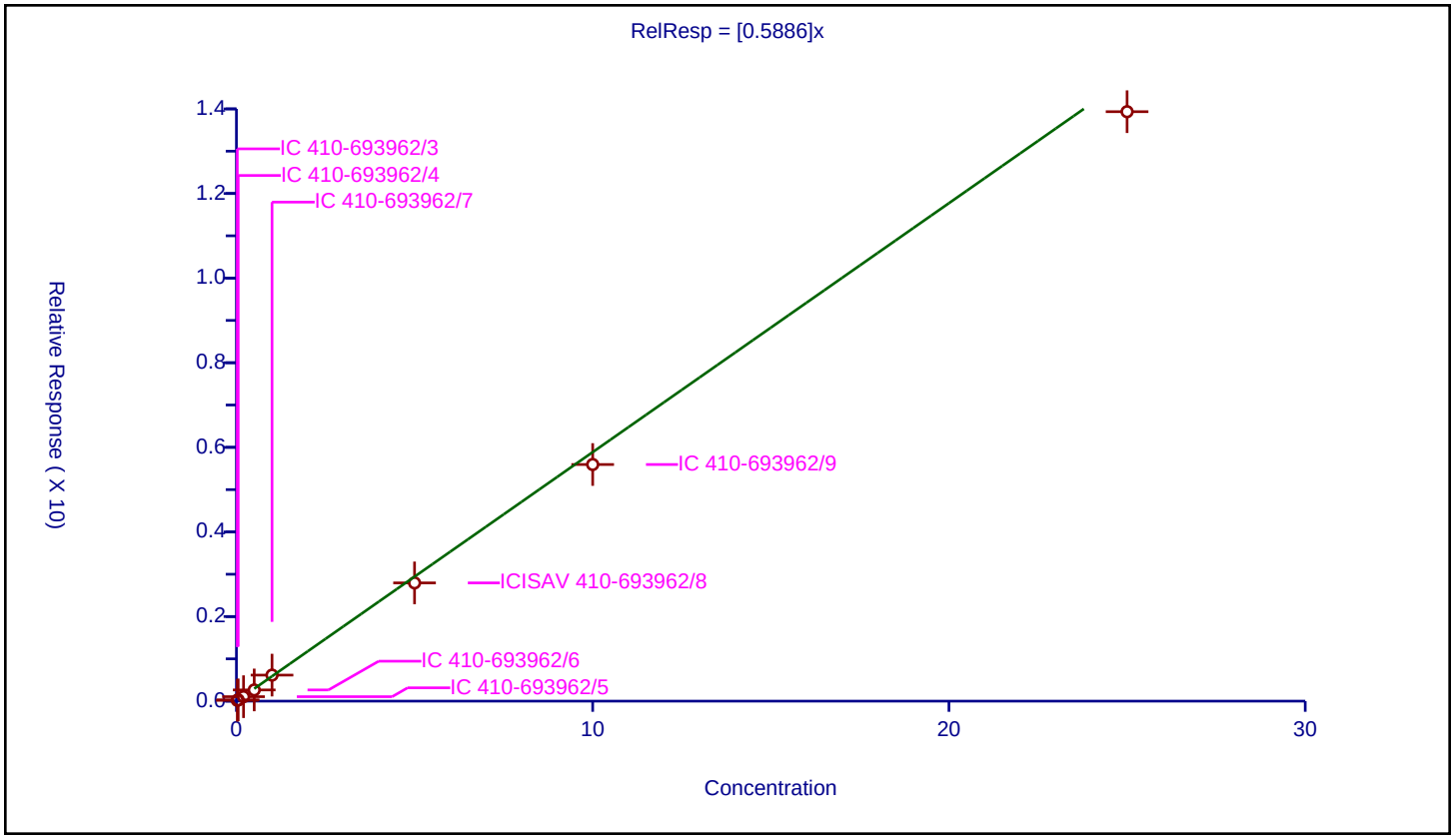
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5886 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.018999 | 10.0 | 2323314.0 | 0.759949 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.030032 | 10.0 | 2355469.0 | 0.600645 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.10552 | 10.0 | 2499805.0 | 0.527601 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.264671 | 10.0 | 2525736.0 | 0.529343 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.615296 | 10.0 | 2289630.0 | 0.615296 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.795188 | 10.0 | 2450175.0 | 0.559038 | Y |
| 7 | IC 410-693962/9 | 10.0 | 5.59344 | 10.0 | 2489198.0 | 0.559344 | Y |
| 8 | IC 410-693962/10 | 25.0 | 13.934121 | 10.0 | 2546096.0 | 0.557365 | Y |



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## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

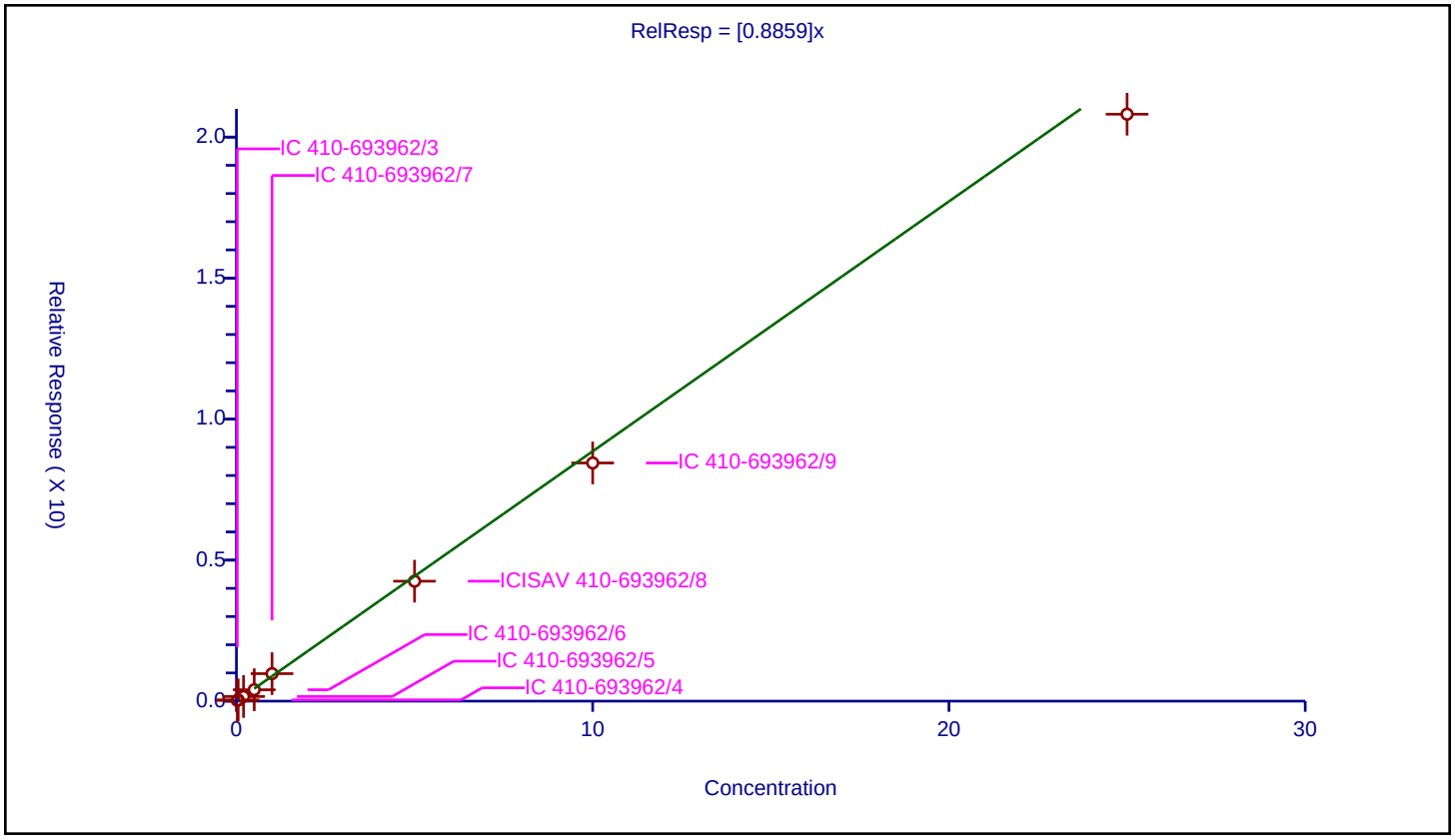
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8859 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.026897 | 10.0 | 2323314.0 | 1.075877 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.044068 | 10.0 | 2355469.0 | 0.881353 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.164041 | 10.0 | 2499805.0 | 0.820204 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.403807 | 10.0 | 2525736.0 | 0.807614 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.974664 | 10.0 | 2289630.0 | 0.974664 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.2533 | 10.0 | 2450175.0 | 0.85066 | Y |
| 7 | IC 410-693962/9 | 10.0 | 8.445539 | 10.0 | 2489198.0 | 0.844554 | Y |
| 8 | IC 410-693962/10 | 25.0 | 20.812016 | 10.0 | 2546096.0 | 0.832481 | Y |



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## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

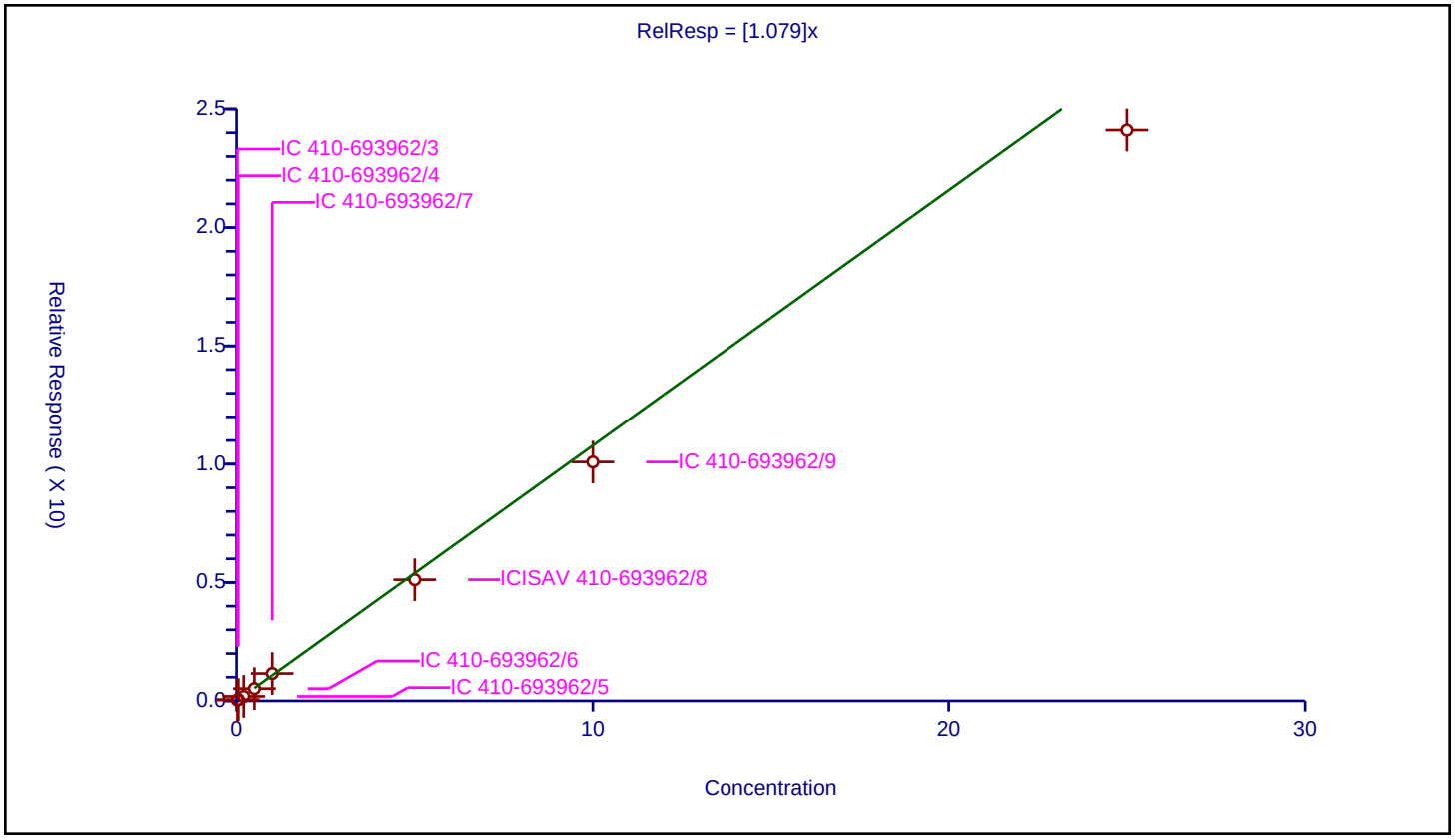
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.079 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.034037 | 10.0 | 2416794.0 | 1.361473 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.05659 | 10.0 | 2424802.0 | 1.131804 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.189545 | 10.0 | 2492288.0 | 0.947724 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.517911 | 10.0 | 2477664.0 | 1.035822 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.156439 | 10.0 | 2374817.0 | 1.156439 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.117155 | 10.0 | 2430159.0 | 1.023431 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.090554 | 10.0 | 2452351.0 | 1.009055 | Y |
| 8 | IC 410-693962/10 | 25.0 | 24.113502 | 10.0 | 2558917.0 | 0.96454 | Y |



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## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

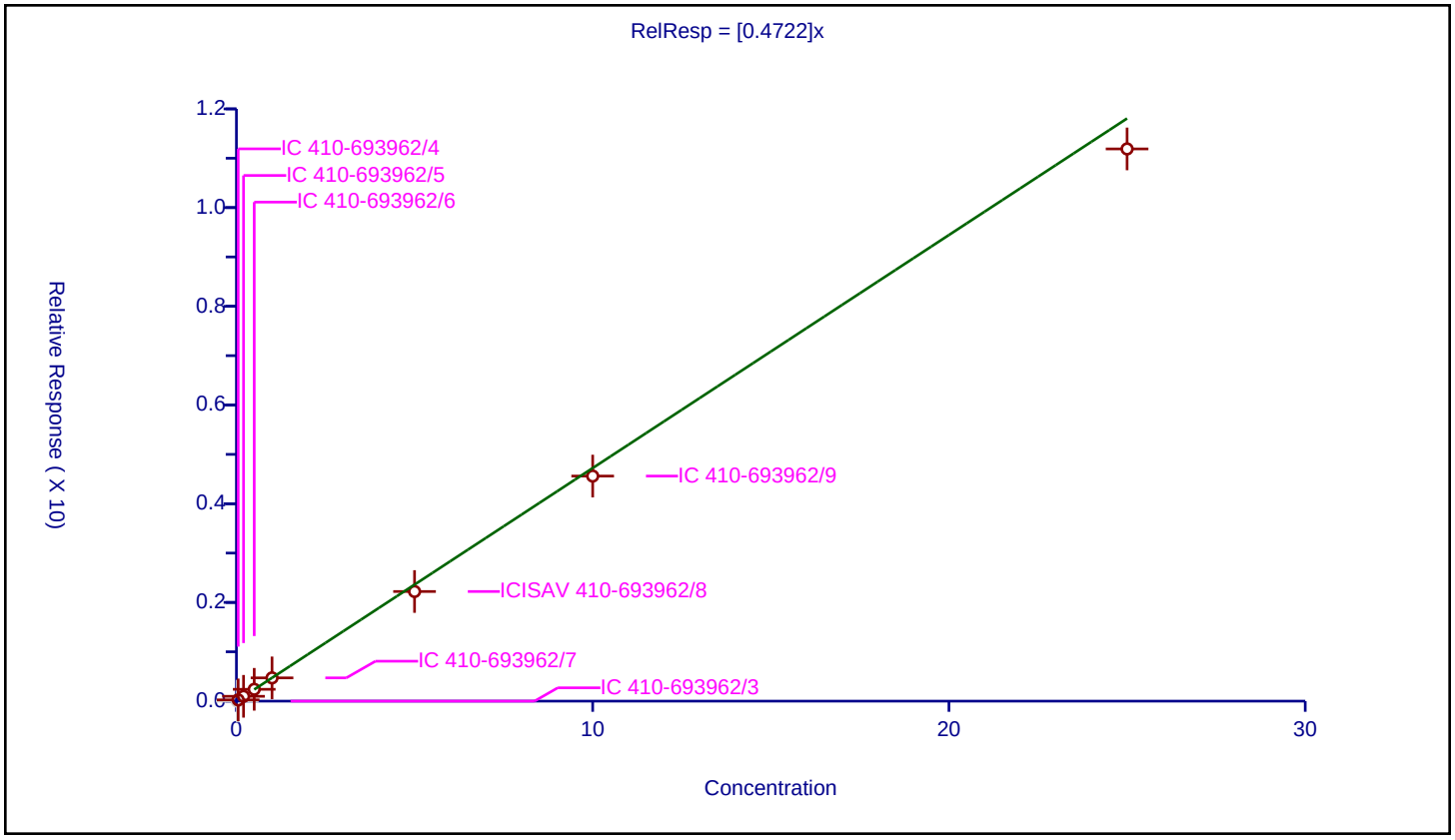
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4722 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.0 | 10.0 | 2416794.0 | 0.0 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.025854 | 10.0 | 2424802.0 | 0.517073 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.097946 | 10.0 | 2492288.0 | 0.489731 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.239859 | 10.0 | 2477664.0 | 0.479718 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.471291 | 10.0 | 2374817.0 | 0.471291 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.221435 | 10.0 | 2430159.0 | 0.444287 | Y |
| 7 | IC 410-693962/9 | 10.0 | 4.560391 | 10.0 | 2452351.0 | 0.456039 | Y |
| 8 | IC 410-693962/10 | 25.0 | 11.188788 | 10.0 | 2558917.0 | 0.447552 | Y |



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## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

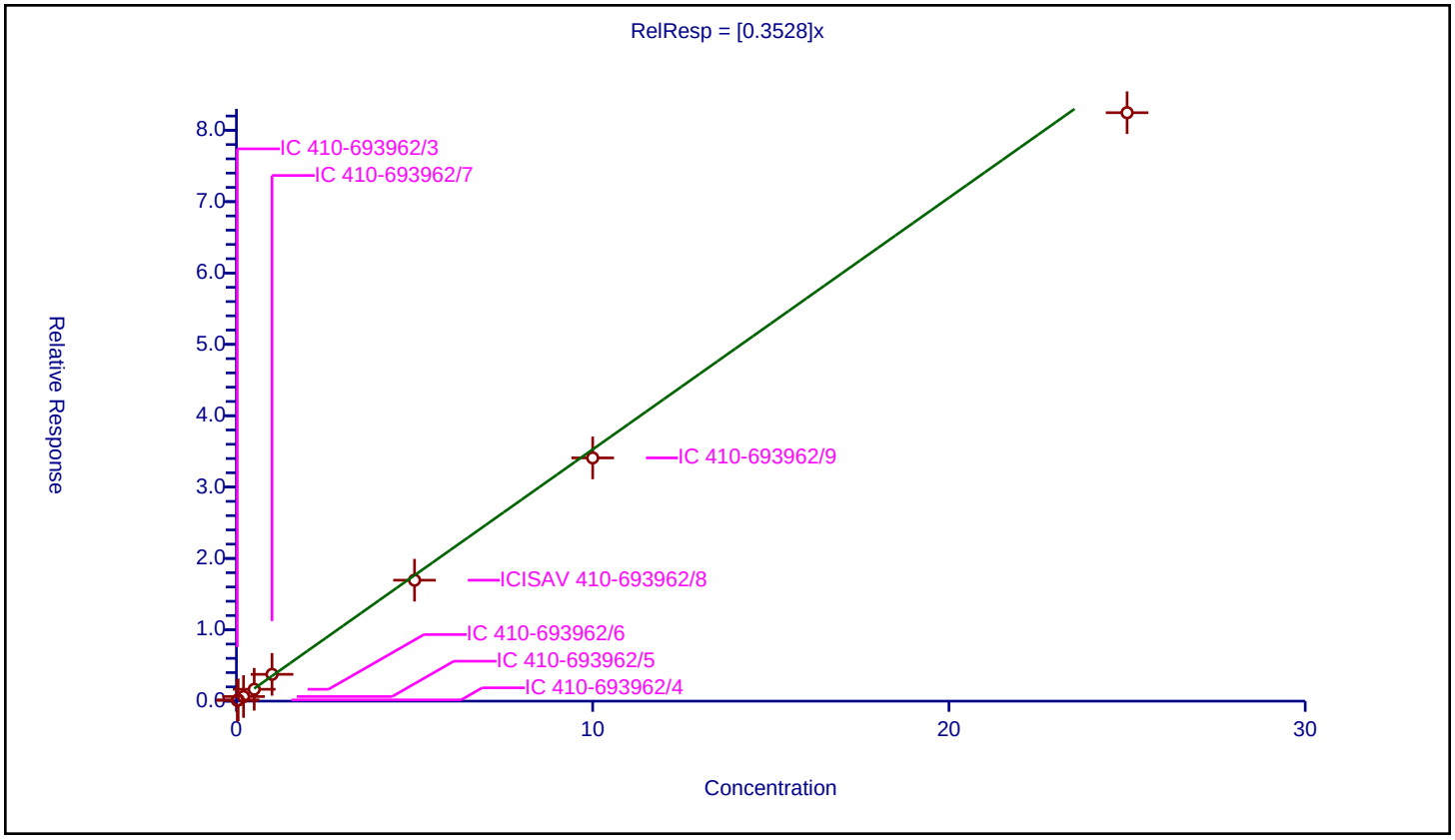
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.01089 | 10.0 | 2416794.0 | 0.435618 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.017337 | 10.0 | 2424802.0 | 0.34675 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.064363 | 10.0 | 2492288.0 | 0.321813 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.166265 | 10.0 | 2477664.0 | 0.332531 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.375654 | 10.0 | 2374817.0 | 0.375654 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.695198 | 10.0 | 2430159.0 | 0.33904 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.408672 | 10.0 | 2452351.0 | 0.340867 | Y |
| 8 | IC 410-693962/10 | 25.0 | 8.246797 | 10.0 | 2558917.0 | 0.329872 | Y |



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## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

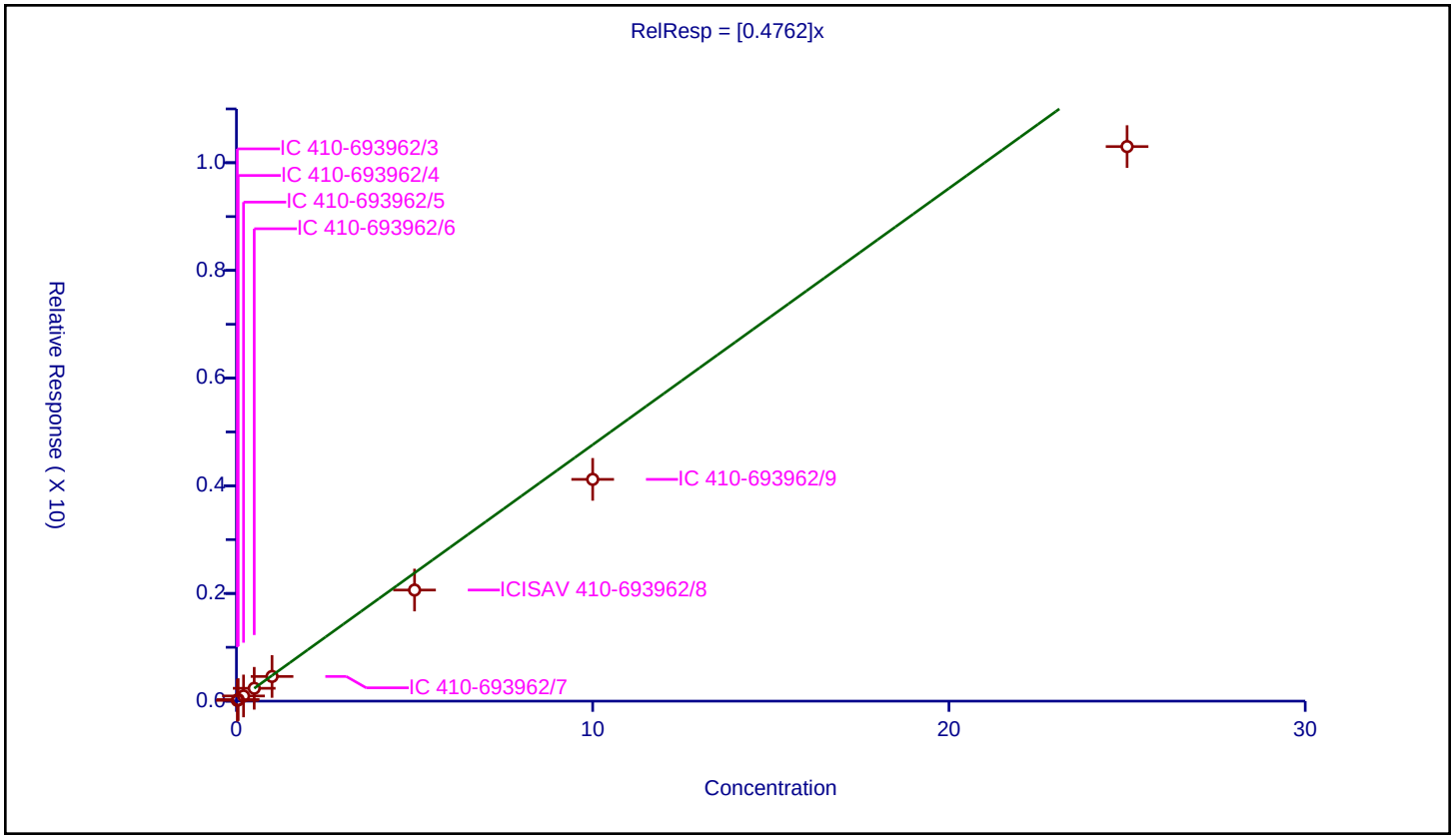
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4762 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.014532 | 10.0 | 2416794.0 | 0.581266 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.028753 | 10.0 | 2424802.0 | 0.575057 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.096112 | 10.0 | 2492288.0 | 0.480562 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.238802 | 10.0 | 2477664.0 | 0.477603 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.458503 | 10.0 | 2374817.0 | 0.458503 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.063367 | 10.0 | 2430159.0 | 0.412673 | Y |
| 7 | IC 410-693962/9 | 10.0 | 4.118766 | 10.0 | 2452351.0 | 0.411877 | Y |
| 8 | IC 410-693962/10 | 25.0 | 10.300189 | 10.0 | 2558917.0 | 0.412008 | Y |



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## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

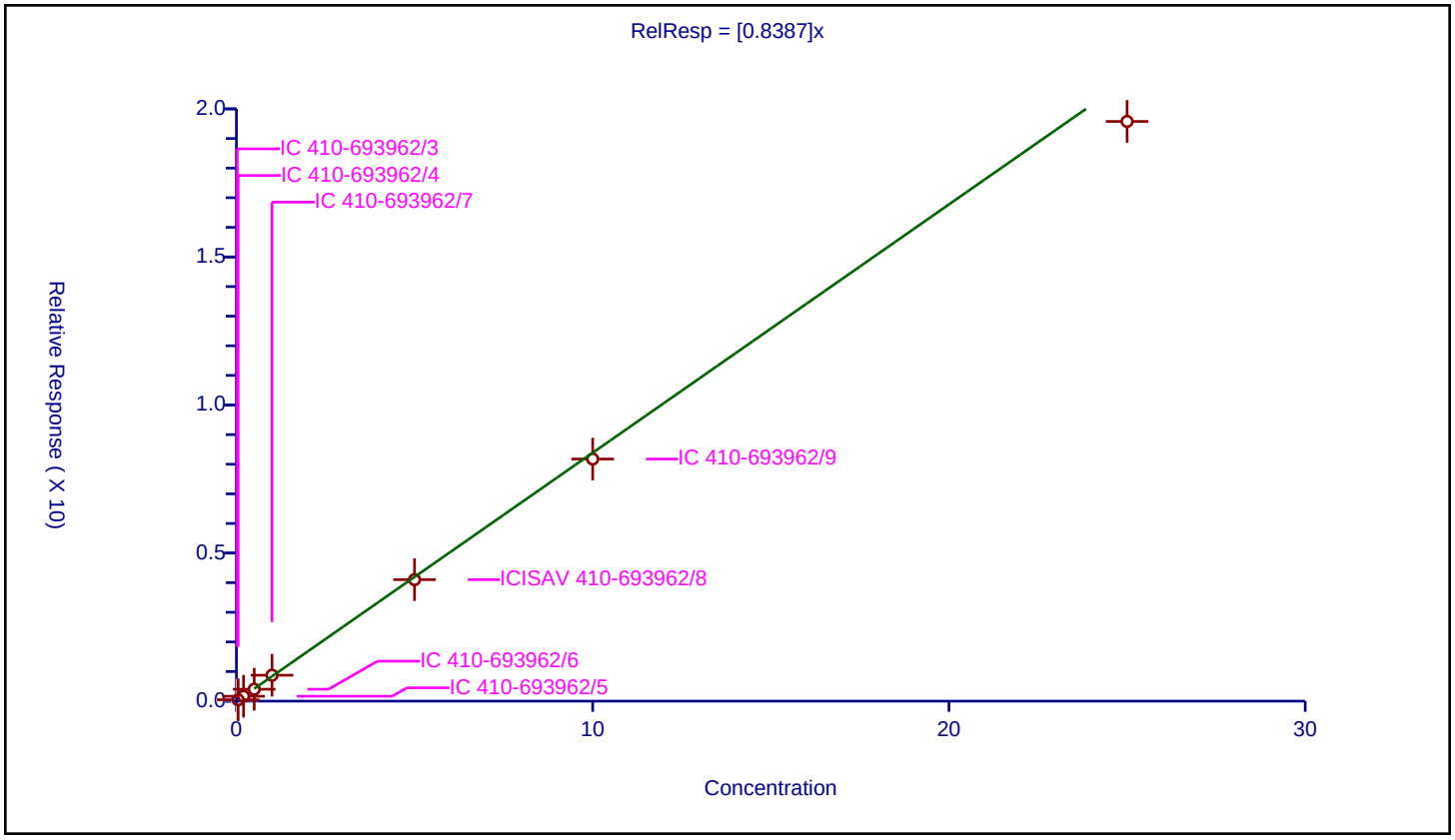
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8387 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.03426 | 10.0 | 2416794.0 | 1.370411 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.046981 | 10.0 | 2424802.0 | 0.939623 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.165976 | 10.0 | 2492288.0 | 0.82988 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.402197 | 10.0 | 2477664.0 | 0.804395 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.87547 | 10.0 | 2374817.0 | 0.87547 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.103073 | 10.0 | 2430159.0 | 0.820615 | Y |
| 7 | IC 410-693962/9 | 10.0 | 8.176366 | 10.0 | 2452351.0 | 0.817637 | Y |
| 8 | IC 410-693962/10 | 25.0 | 19.576059 | 10.0 | 2558917.0 | 0.783042 | Y |



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## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

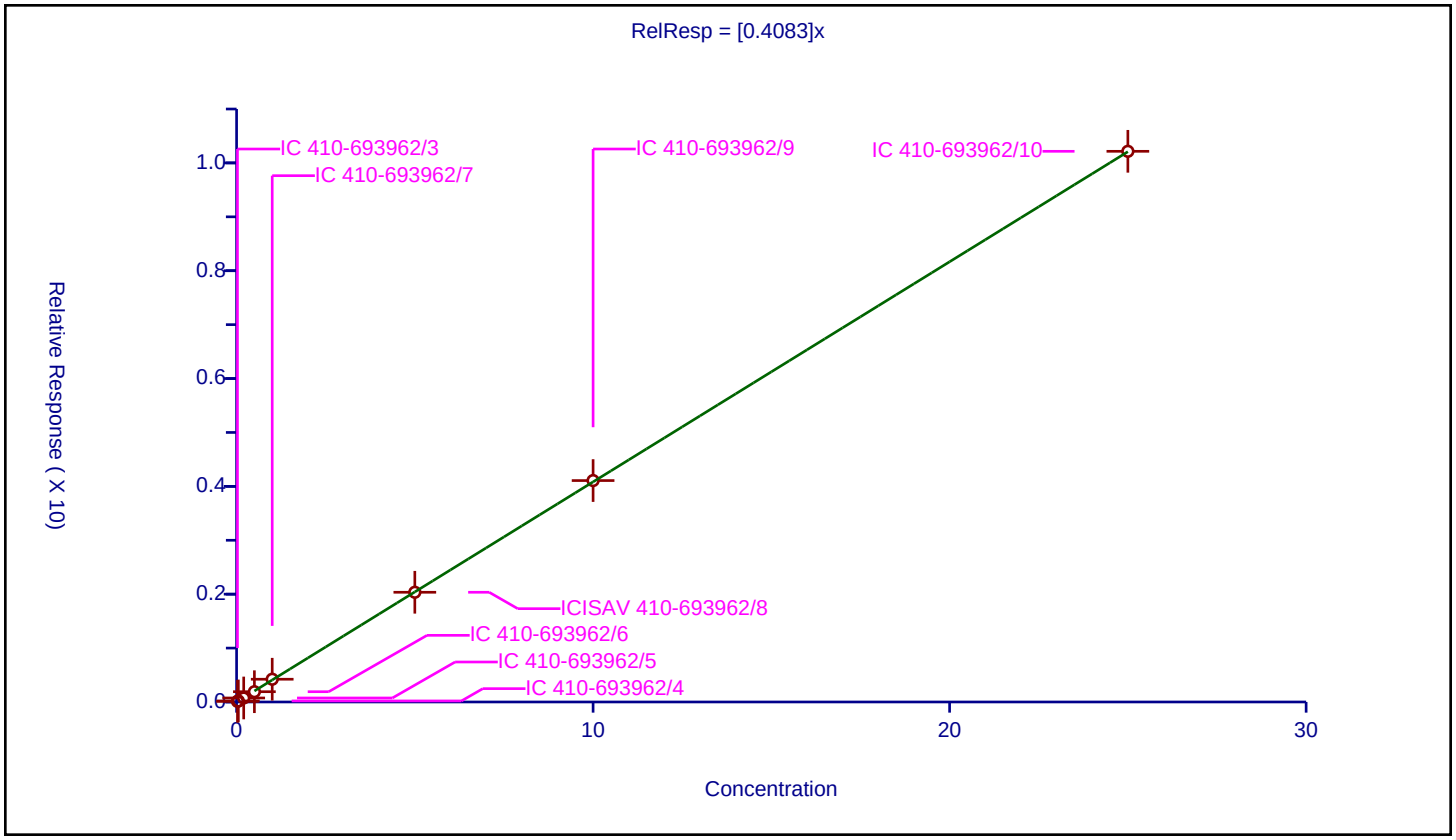
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4083 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.01173 | 10.0 | 2416794.0 | 0.469217 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.019721 | 10.0 | 2424802.0 | 0.394424 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.074498 | 10.0 | 2492288.0 | 0.372489 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.190776 | 10.0 | 2477664.0 | 0.381553 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.422399 | 10.0 | 2374817.0 | 0.422399 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.035505 | 10.0 | 2430159.0 | 0.407101 | Y |
| 7 | IC 410-693962/9 | 10.0 | 4.107512 | 10.0 | 2452351.0 | 0.410751 | Y |
| 8 | IC 410-693962/10 | 25.0 | 10.215259 | 10.0 | 2558917.0 | 0.40861 | Y |



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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

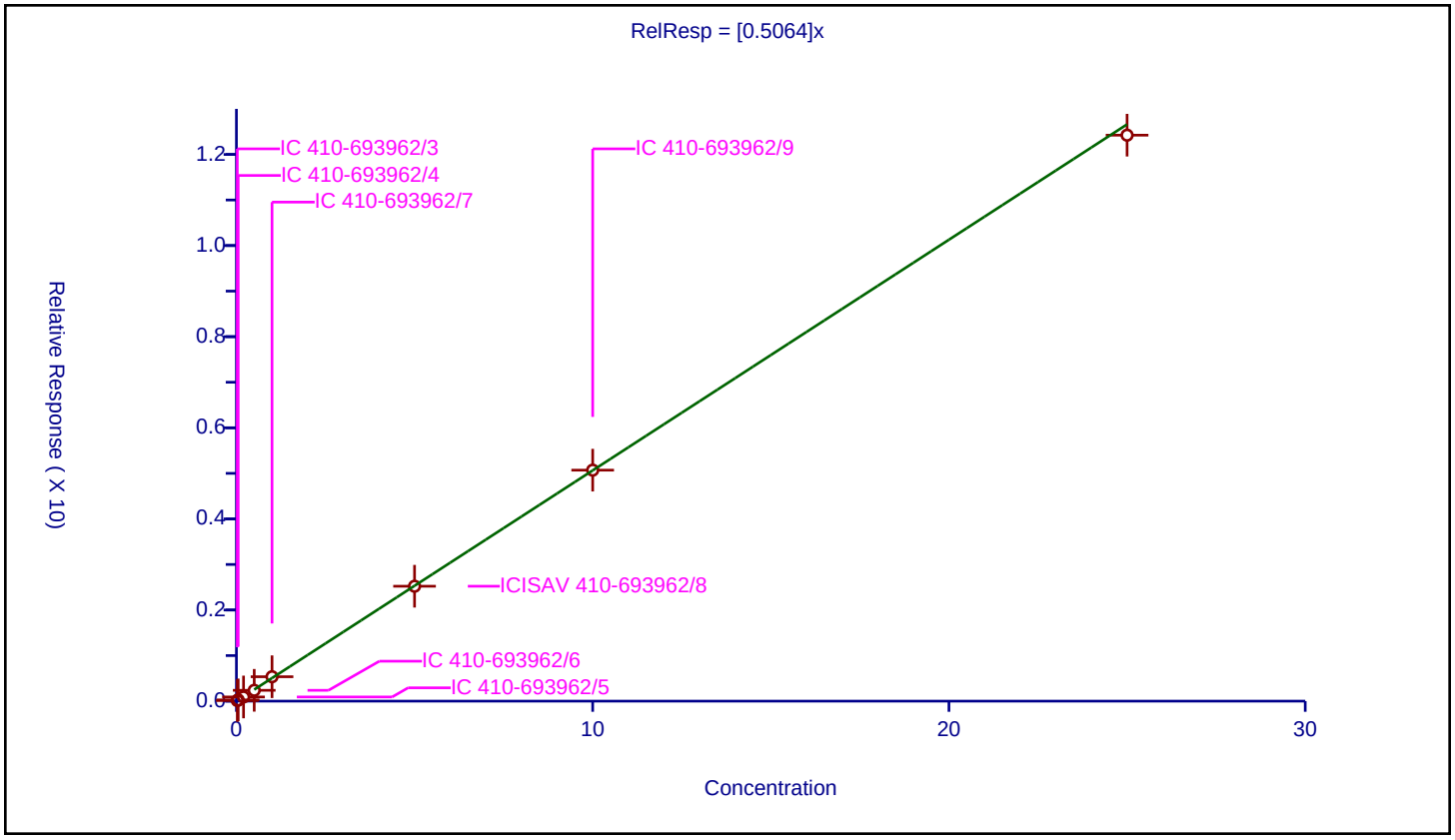
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5064 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.013315 | 10.0 | 2416794.0 | 0.532606 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.027078 | 10.0 | 2424802.0 | 0.54157 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.091631 | 10.0 | 2492288.0 | 0.458153 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.237441 | 10.0 | 2477664.0 | 0.474883 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.535645 | 10.0 | 2374817.0 | 0.535645 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.522197 | 10.0 | 2430159.0 | 0.504439 | Y |
| 7 | IC 410-693962/9 | 10.0 | 5.07042 | 10.0 | 2452351.0 | 0.507042 | Y |
| 8 | IC 410-693962/10 | 25.0 | 12.422884 | 10.0 | 2558917.0 | 0.496915 | Y |



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## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

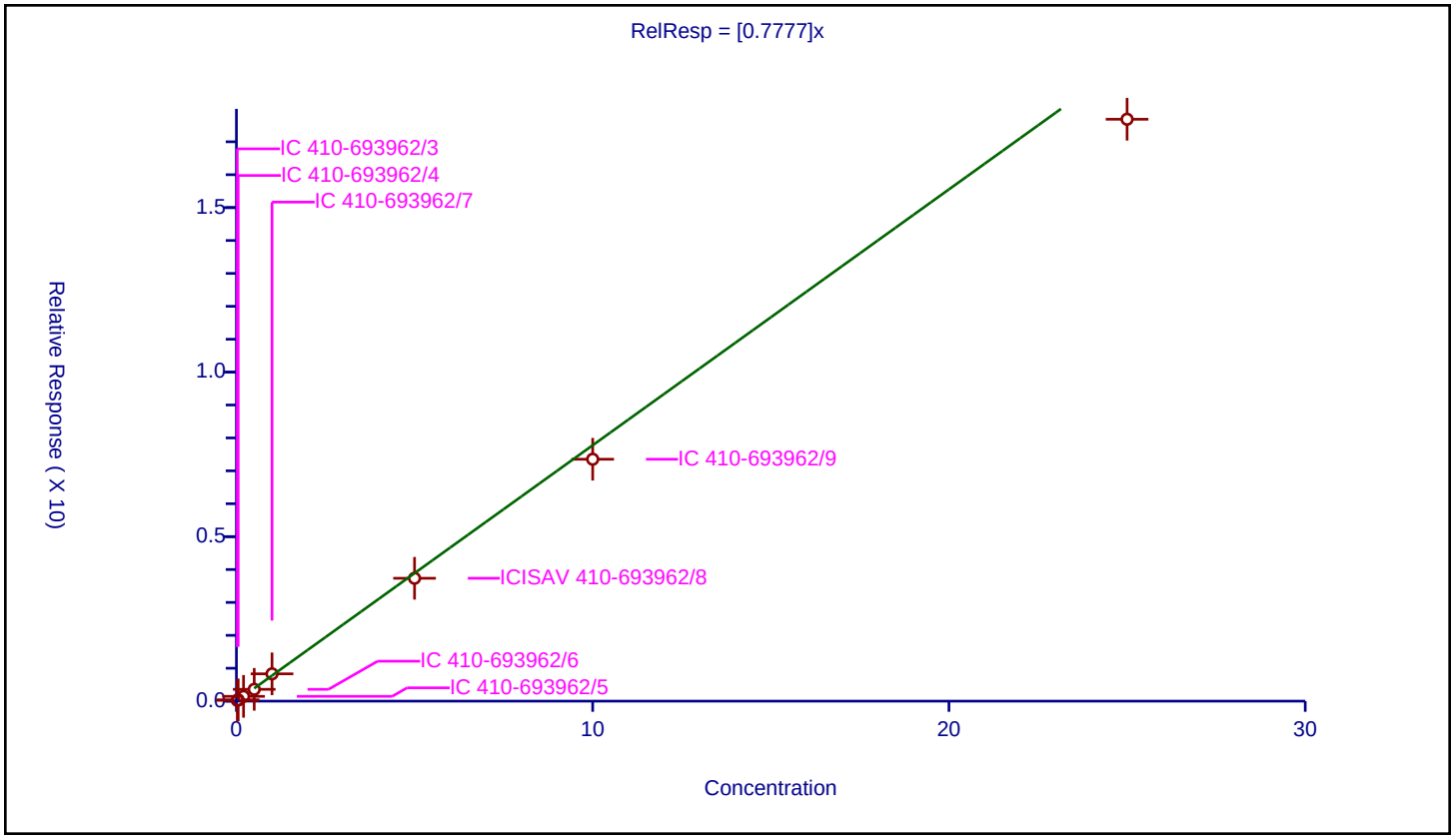
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7777 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.024437 | 10.0 | 2416794.0 | 0.977493 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.039067 | 10.0 | 2424802.0 | 0.781342 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.144971 | 10.0 | 2492288.0 | 0.724856 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.35908 | 10.0 | 2477664.0 | 0.71816 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.830072 | 10.0 | 2374817.0 | 0.830072 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.734764 | 10.0 | 2430159.0 | 0.746953 | Y |
| 7 | IC 410-693962/9 | 10.0 | 7.352304 | 10.0 | 2452351.0 | 0.73523 | Y |
| 8 | IC 410-693962/10 | 25.0 | 17.685482 | 10.0 | 2558917.0 | 0.707419 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

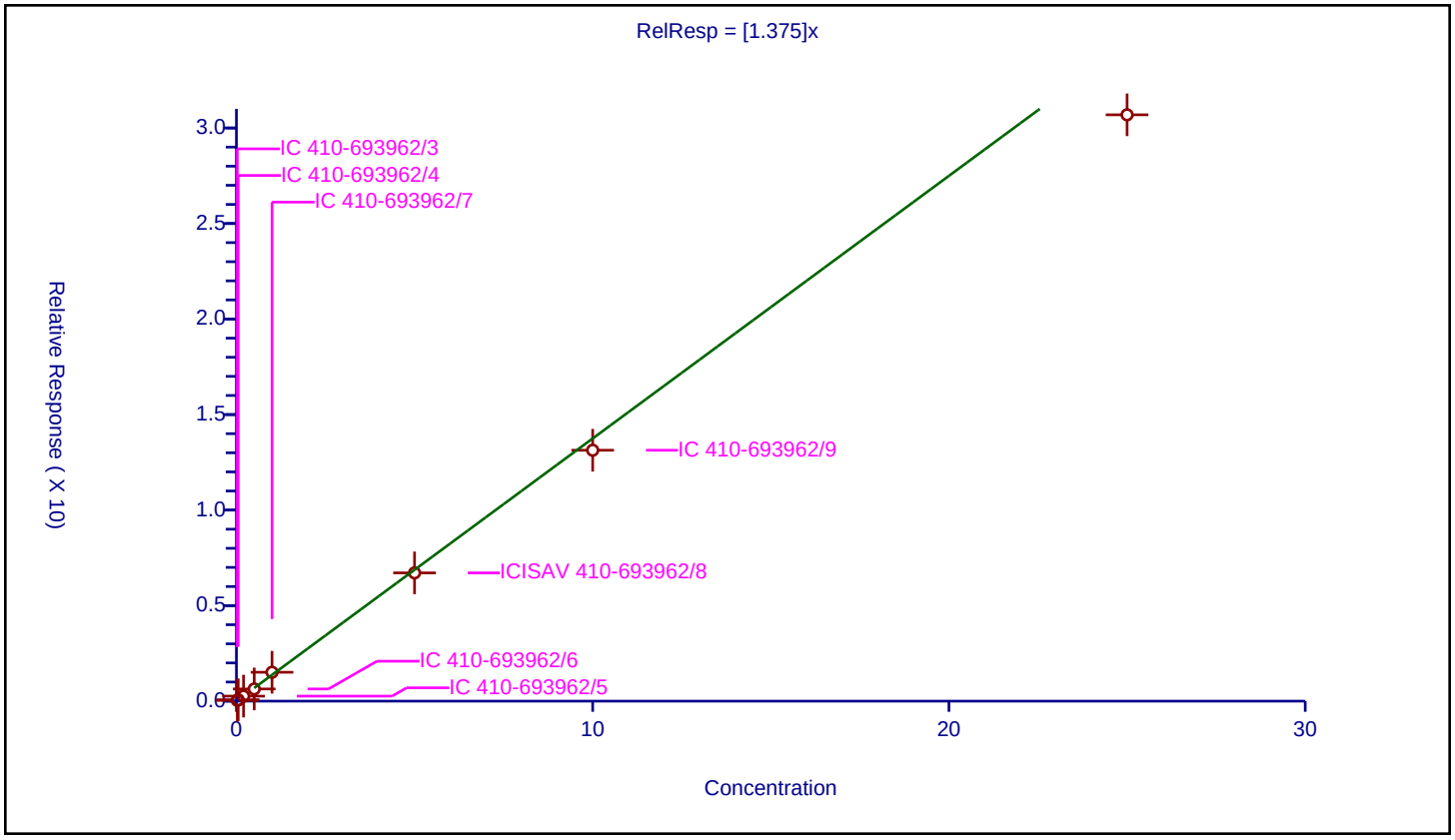
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.375 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.038746 | 10.0 | 2416794.0 | 1.549822 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.073119 | 10.0 | 2424802.0 | 1.462387 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.262987 | 10.0 | 2492288.0 | 1.314936 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.63796 | 10.0 | 2477664.0 | 1.27592 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.511422 | 10.0 | 2374817.0 | 1.511422 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.713499 | 10.0 | 2430159.0 | 1.3427 | Y |
| 7 | IC 410-693962/9 | 10.0 | 13.132561 | 10.0 | 2452351.0 | 1.313256 | Y |
| 8 | IC 410-693962/10 | 25.0 | 30.690874 | 10.0 | 2558917.0 | 1.227635 | Y |



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## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

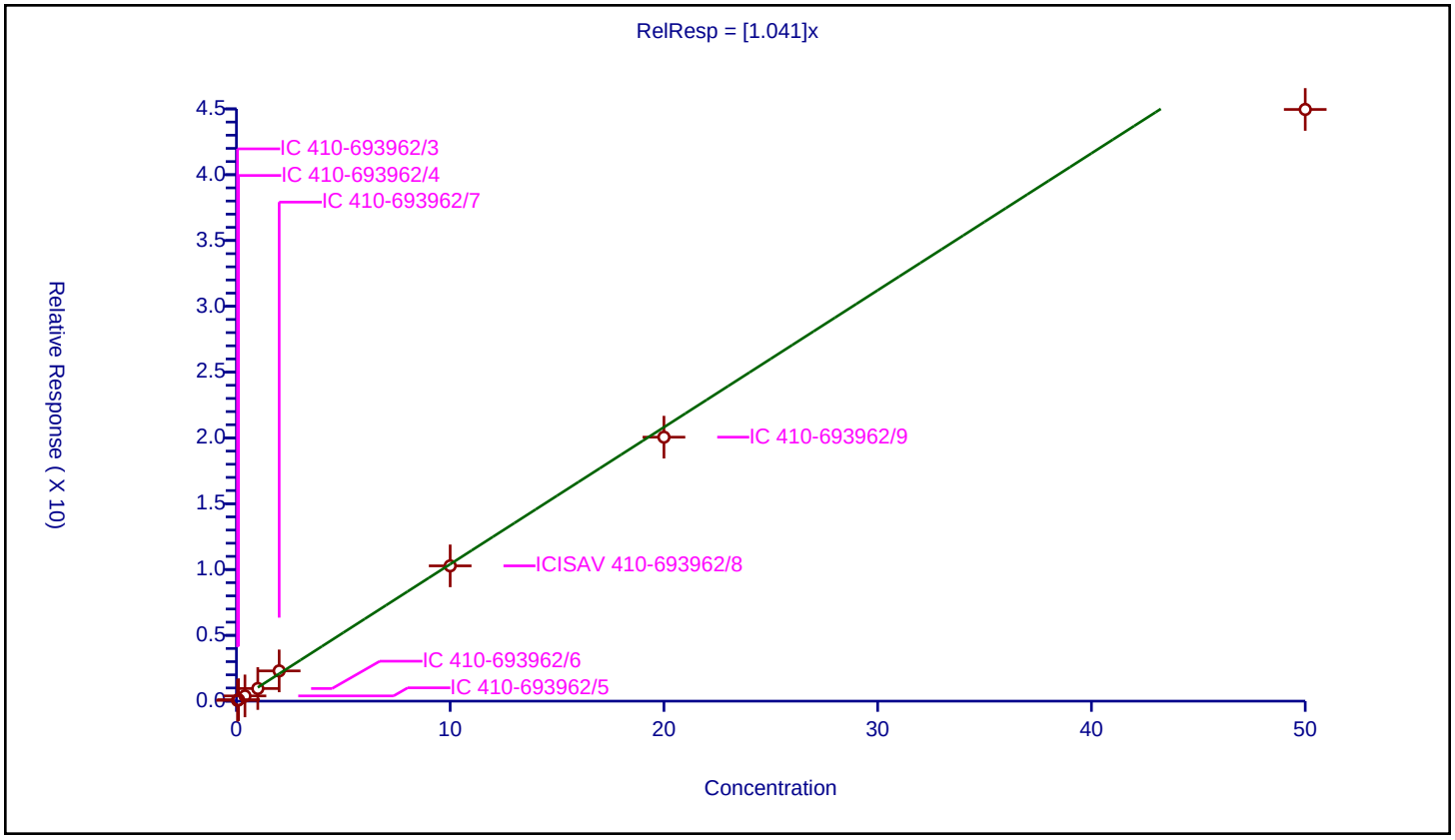
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.041 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.05 | 0.05938 | 10.0 | 2416794.0 | 1.187606 | Y |
| 2 | IC 410-693962/4 | 0.1 | 0.11078 | 10.0 | 2424802.0 | 1.107802 | Y |
| 3 | IC 410-693962/5 | 0.4 | 0.39664 | 10.0 | 2492288.0 | 0.991599 | Y |
| 4 | IC 410-693962/6 | 1.0 | 0.958762 | 10.0 | 2477664.0 | 0.958762 | Y |
| 5 | IC 410-693962/7 | 2.0 | 2.298017 | 10.0 | 2374817.0 | 1.149009 | Y |
| 6 | ICISAV 410-693962/8 | 10.0 | 10.278862 | 10.0 | 2430159.0 | 1.027886 | Y |
| 7 | IC 410-693962/9 | 20.0 | 20.057904 | 10.0 | 2452351.0 | 1.002895 | Y |
| 8 | IC 410-693962/10 | 50.0 | 44.956812 | 10.0 | 2558917.0 | 0.899136 | Y |



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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

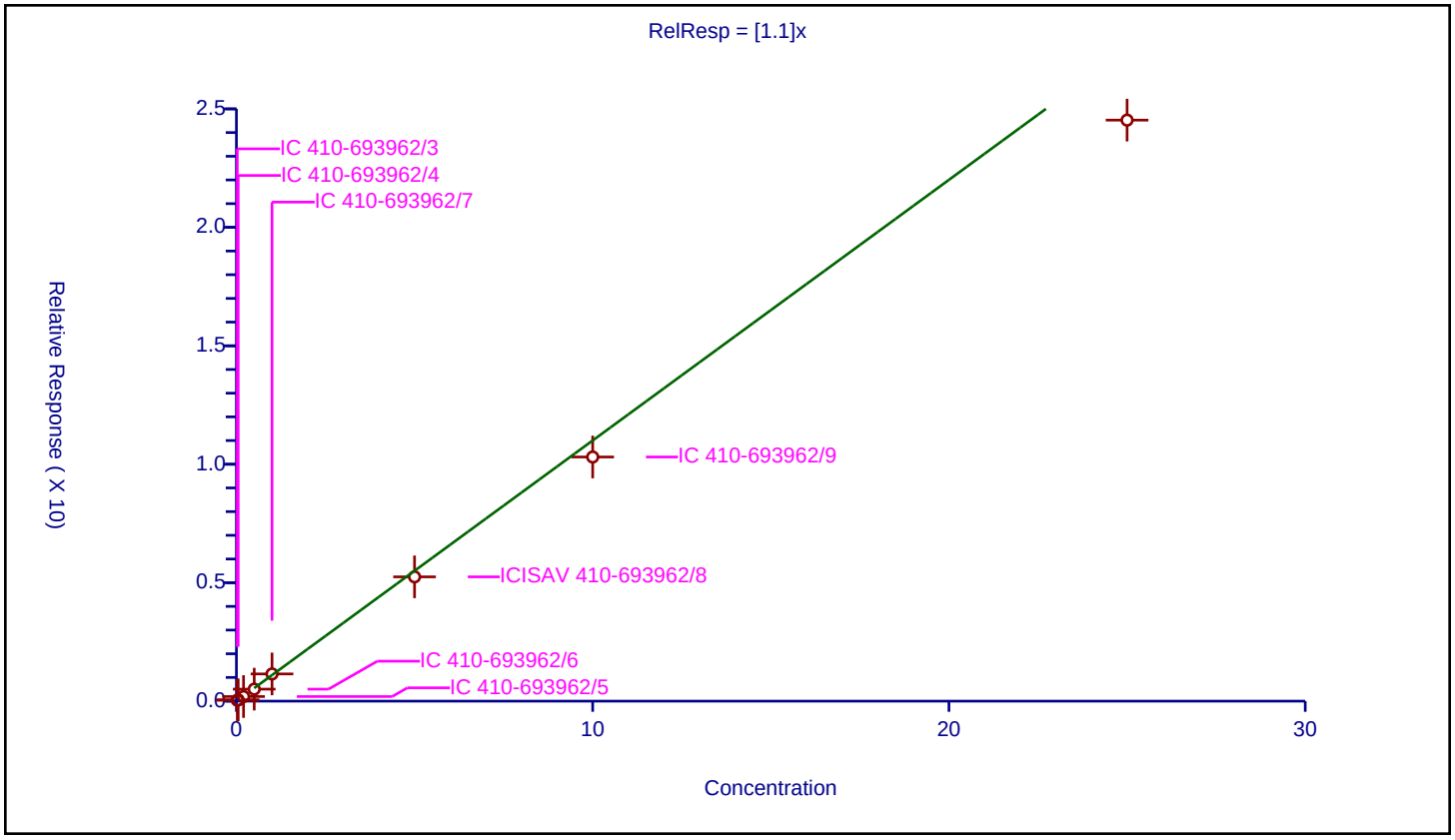
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.1 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.037161 | 10.0 | 2416794.0 | 1.486432 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.056066 | 10.0 | 2424802.0 | 1.121329 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.194436 | 10.0 | 2492288.0 | 0.972179 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.506231 | 10.0 | 2477664.0 | 1.012462 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.148973 | 10.0 | 2374817.0 | 1.148973 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.246085 | 10.0 | 2430159.0 | 1.049217 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.305315 | 10.0 | 2452351.0 | 1.030532 | Y |
| 8 | IC 410-693962/10 | 25.0 | 24.52593 | 10.0 | 2558917.0 | 0.981037 | Y |



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## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

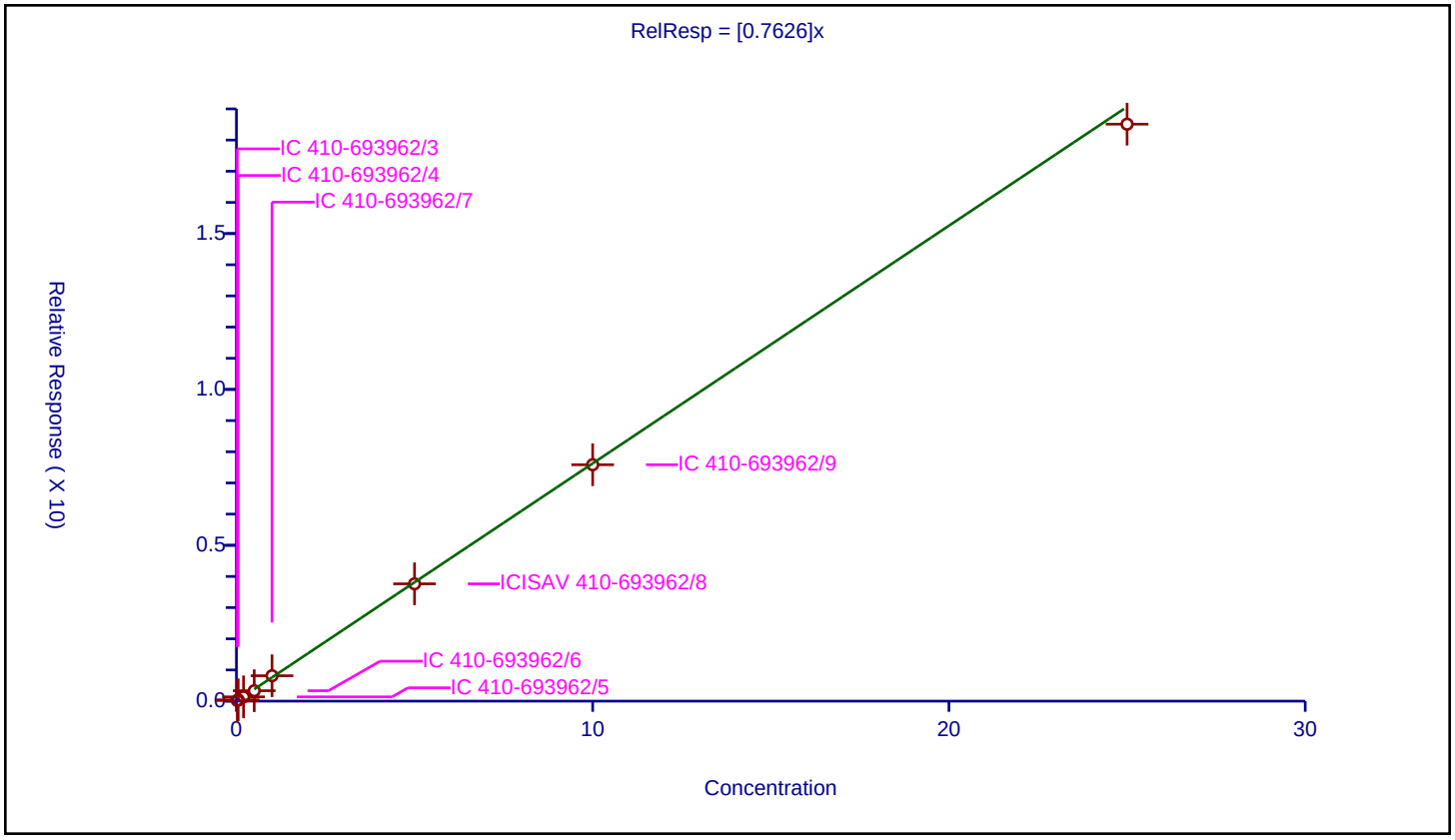
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7626 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.02068 | 10.0 | 2416794.0 | 0.827212 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.042659 | 10.0 | 2424802.0 | 0.853183 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.137051 | 10.0 | 2492288.0 | 0.685254 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.334367 | 10.0 | 2477664.0 | 0.668735 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.815107 | 10.0 | 2374817.0 | 0.815107 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.763532 | 10.0 | 2430159.0 | 0.752706 | Y |
| 7 | IC 410-693962/9 | 10.0 | 7.583808 | 10.0 | 2452351.0 | 0.758381 | Y |
| 8 | IC 410-693962/10 | 25.0 | 18.510096 | 10.0 | 2558917.0 | 0.740404 | Y |



## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

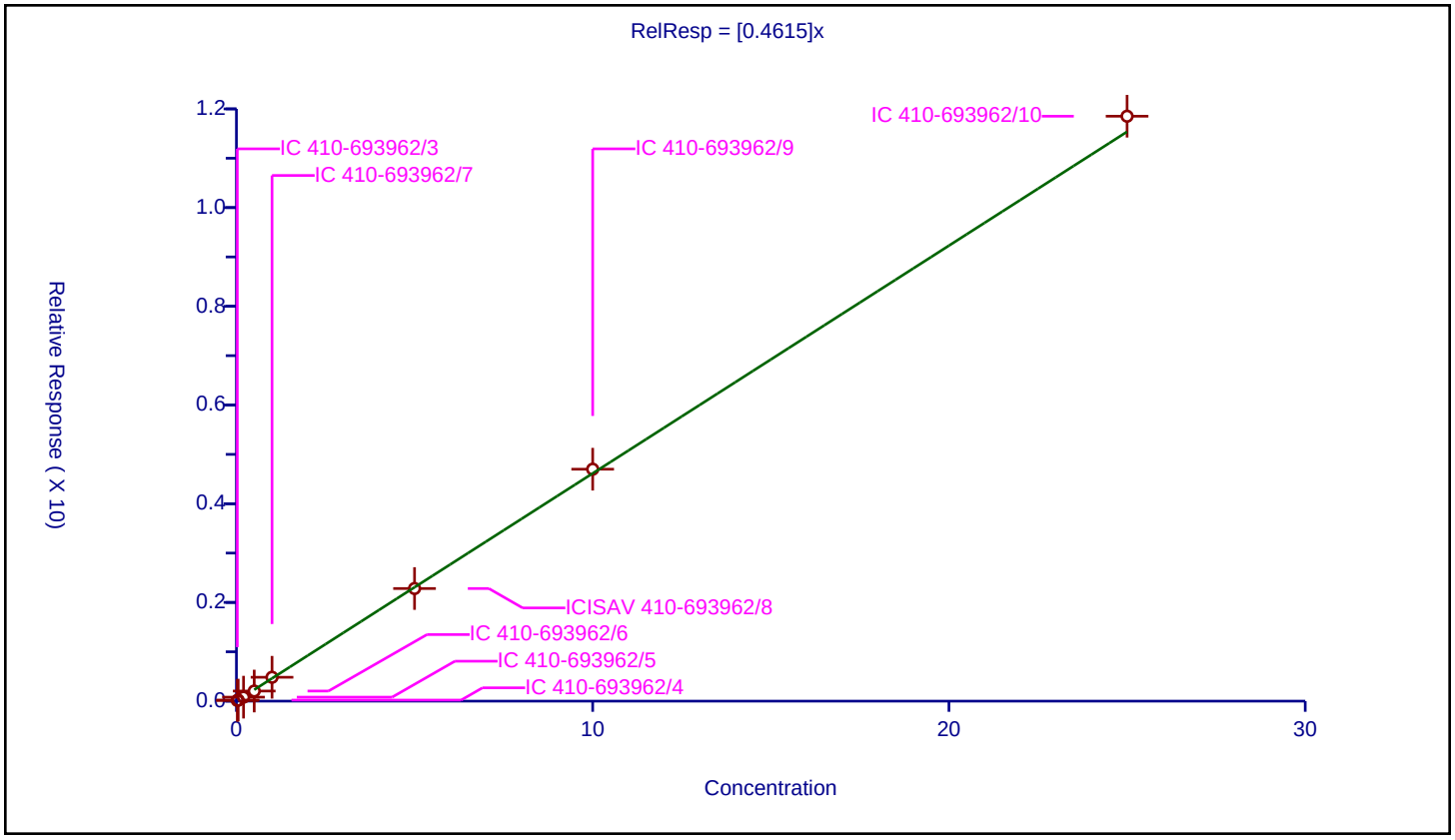
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4615 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.01425 | 10.0 | 2416794.0 | 0.570011 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.021268 | 10.0 | 2424802.0 | 0.425354 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.080476 | 10.0 | 2492288.0 | 0.402381 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.20504 | 10.0 | 2477664.0 | 0.41008 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.483591 | 10.0 | 2374817.0 | 0.483591 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.281723 | 10.0 | 2430159.0 | 0.456345 | Y |
| 7 | IC 410-693962/9 | 10.0 | 4.699401 | 10.0 | 2452351.0 | 0.46994 | Y |
| 8 | IC 410-693962/10 | 25.0 | 11.851471 | 10.0 | 2558917.0 | 0.474059 | Y |



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## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

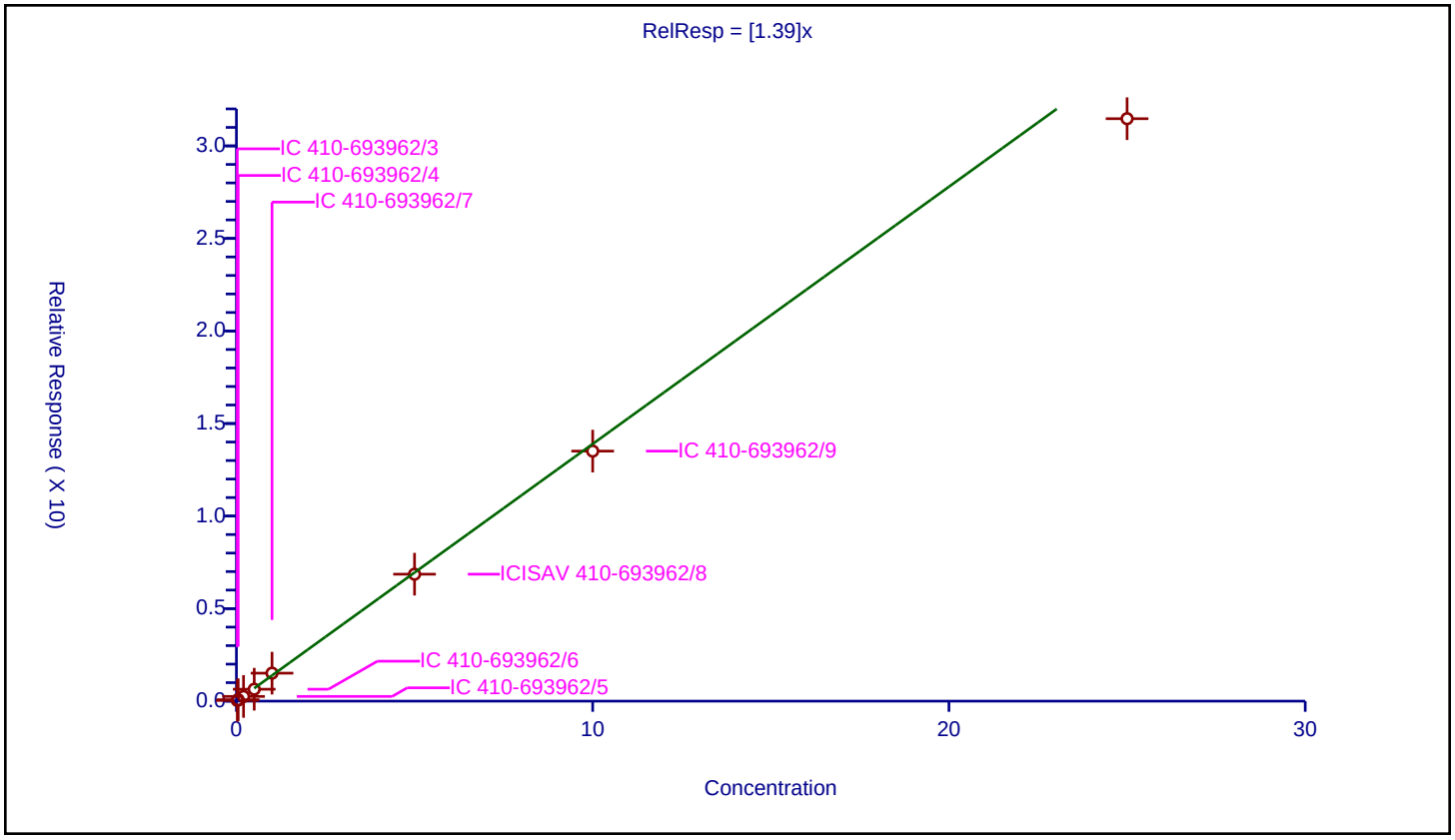
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.39 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.038117 | 10.0 | 2416794.0 | 1.524664 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.07719 | 10.0 | 2424802.0 | 1.543796 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.253354 | 10.0 | 2492288.0 | 1.266768 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.644183 | 10.0 | 2477664.0 | 1.288367 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.512344 | 10.0 | 2374817.0 | 1.512344 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.858646 | 10.0 | 2430159.0 | 1.371729 | Y |
| 7 | IC 410-693962/9 | 10.0 | 13.509881 | 10.0 | 2452351.0 | 1.350988 | Y |
| 8 | IC 410-693962/10 | 25.0 | 31.470864 | 10.0 | 2558917.0 | 1.258835 | Y |



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## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

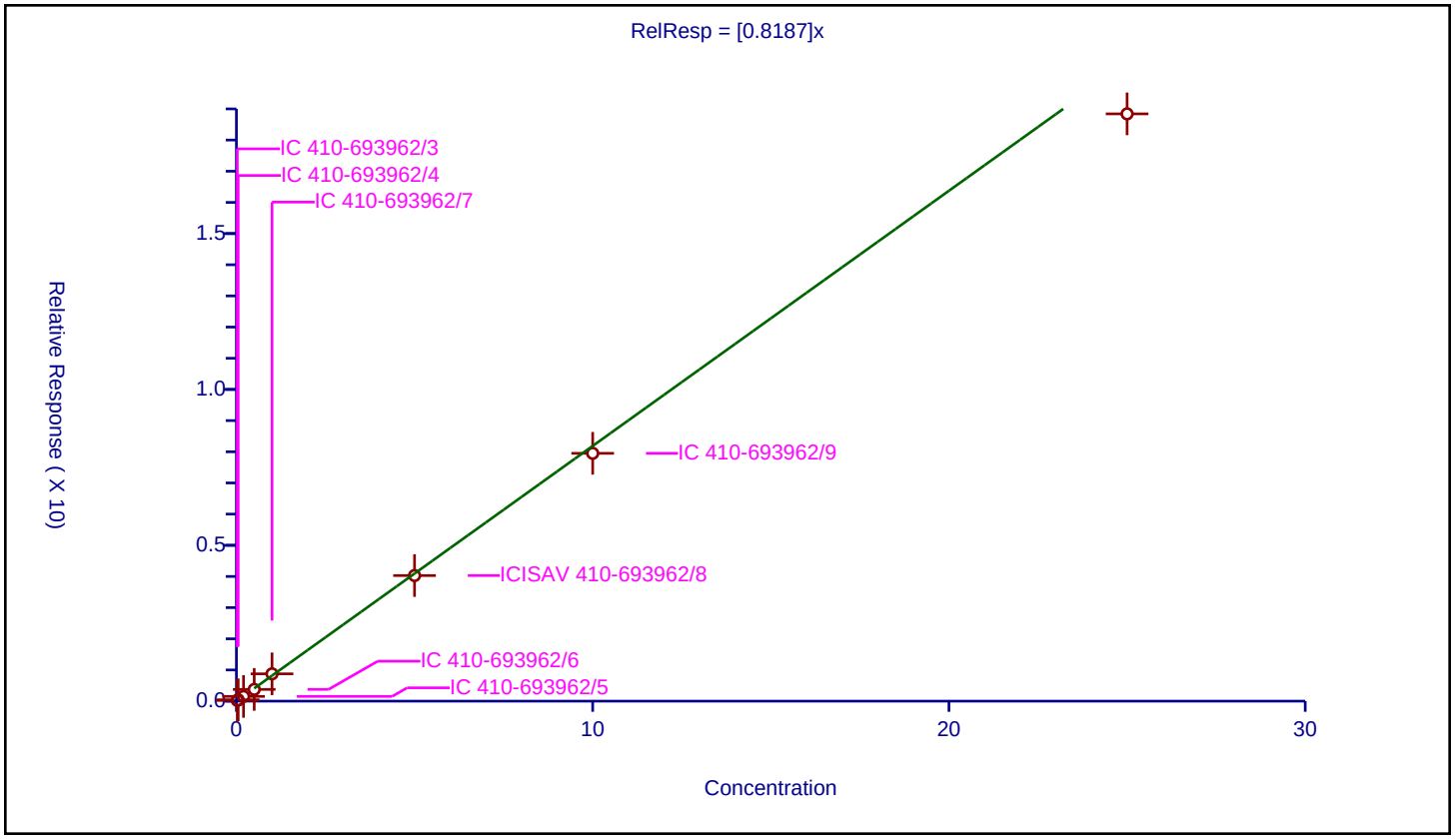
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8187 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.02375 | 10.0 | 2416794.0 | 0.950019 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.042956 | 10.0 | 2424802.0 | 0.859122 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.151367 | 10.0 | 2492288.0 | 0.756835 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.376403 | 10.0 | 2477664.0 | 0.752806 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.875912 | 10.0 | 2374817.0 | 0.875912 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 4.029444 | 10.0 | 2430159.0 | 0.805889 | Y |
| 7 | IC 410-693962/9 | 10.0 | 7.950465 | 10.0 | 2452351.0 | 0.795046 | Y |
| 8 | IC 410-693962/10 | 25.0 | 18.840459 | 10.0 | 2558917.0 | 0.753618 | Y |



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## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

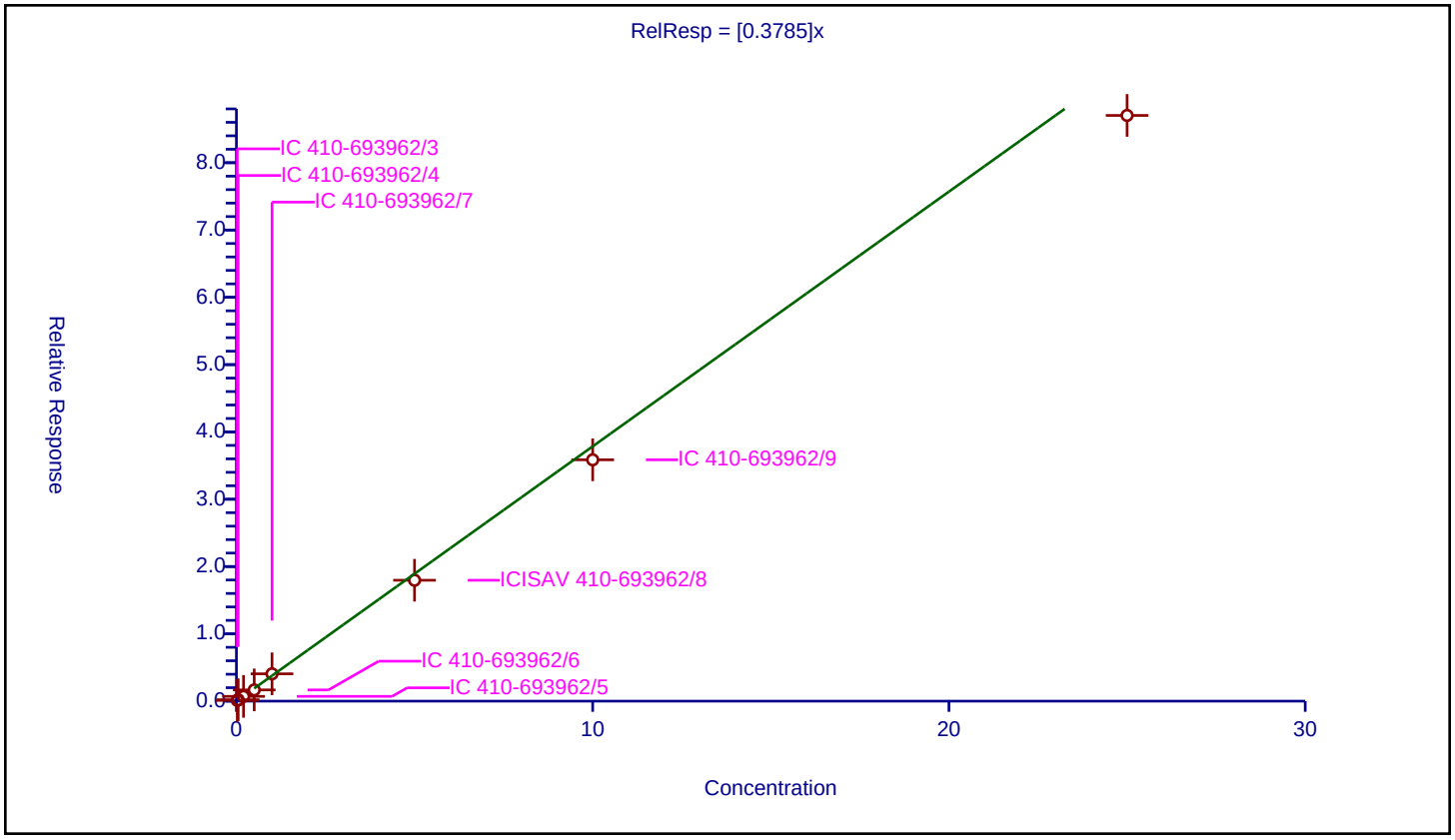
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3785 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.011242 | 10.0 | 2416794.0 | 0.449687 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.020843 | 10.0 | 2424802.0 | 0.416859 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.071147 | 10.0 | 2492288.0 | 0.355737 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.166907 | 10.0 | 2477664.0 | 0.333814 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.406107 | 10.0 | 2374817.0 | 0.406107 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.796405 | 10.0 | 2430159.0 | 0.359281 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.585898 | 10.0 | 2452351.0 | 0.35859 | Y |
| 8 | IC 410-693962/10 | 25.0 | 8.702834 | 10.0 | 2558917.0 | 0.348113 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

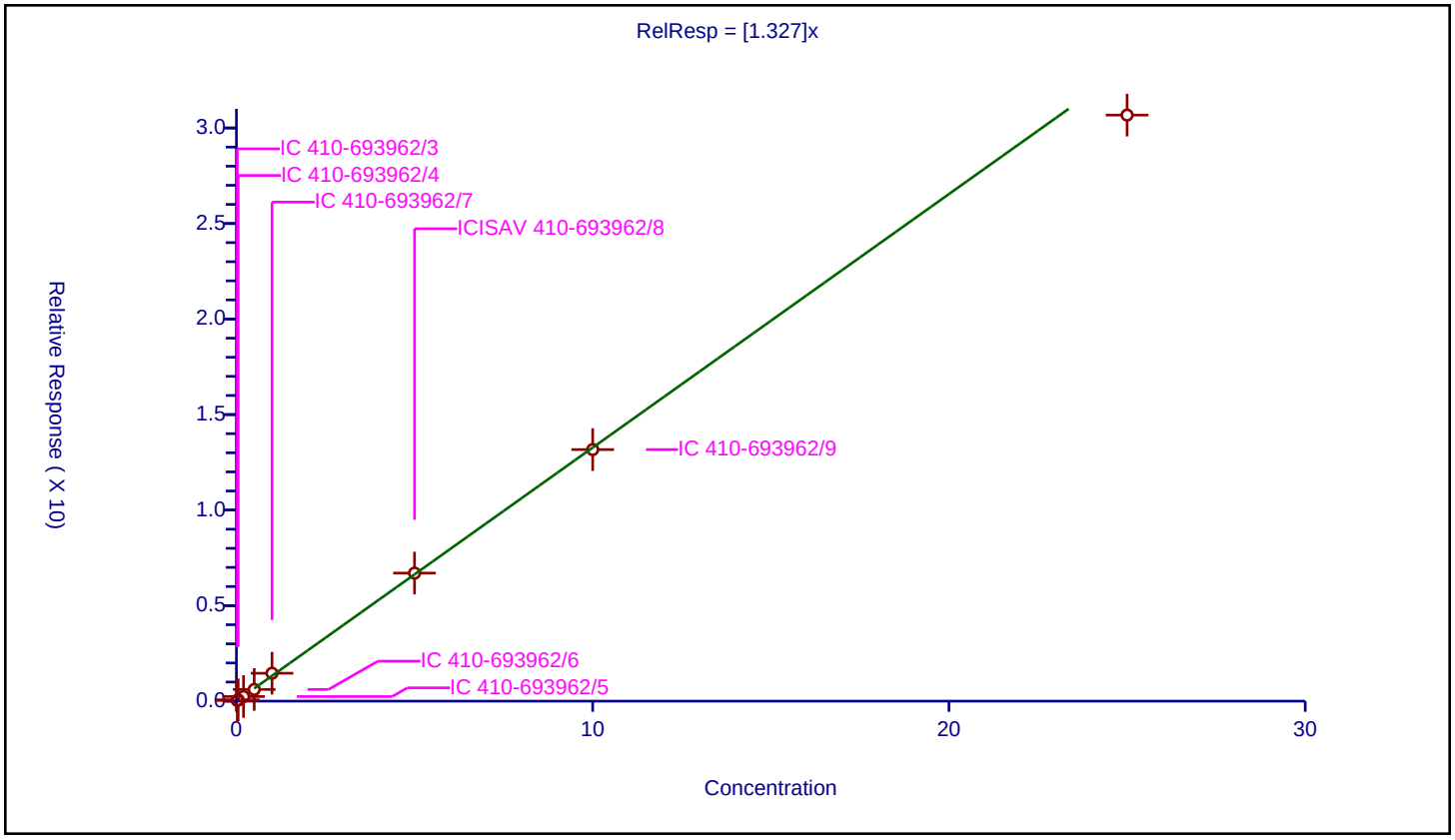
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.327 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.035998 | 10.0 | 2416794.0 | 1.439924 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.070459 | 10.0 | 2424802.0 | 1.409187 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.240205 | 10.0 | 2492288.0 | 1.201025 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.611007 | 10.0 | 2477664.0 | 1.222014 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.460559 | 10.0 | 2374817.0 | 1.460559 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.701607 | 10.0 | 2430159.0 | 1.340321 | Y |
| 7 | IC 410-693962/9 | 10.0 | 13.166655 | 10.0 | 2452351.0 | 1.316666 | Y |
| 8 | IC 410-693962/10 | 25.0 | 30.675215 | 10.0 | 2558917.0 | 1.227009 | Y |



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## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

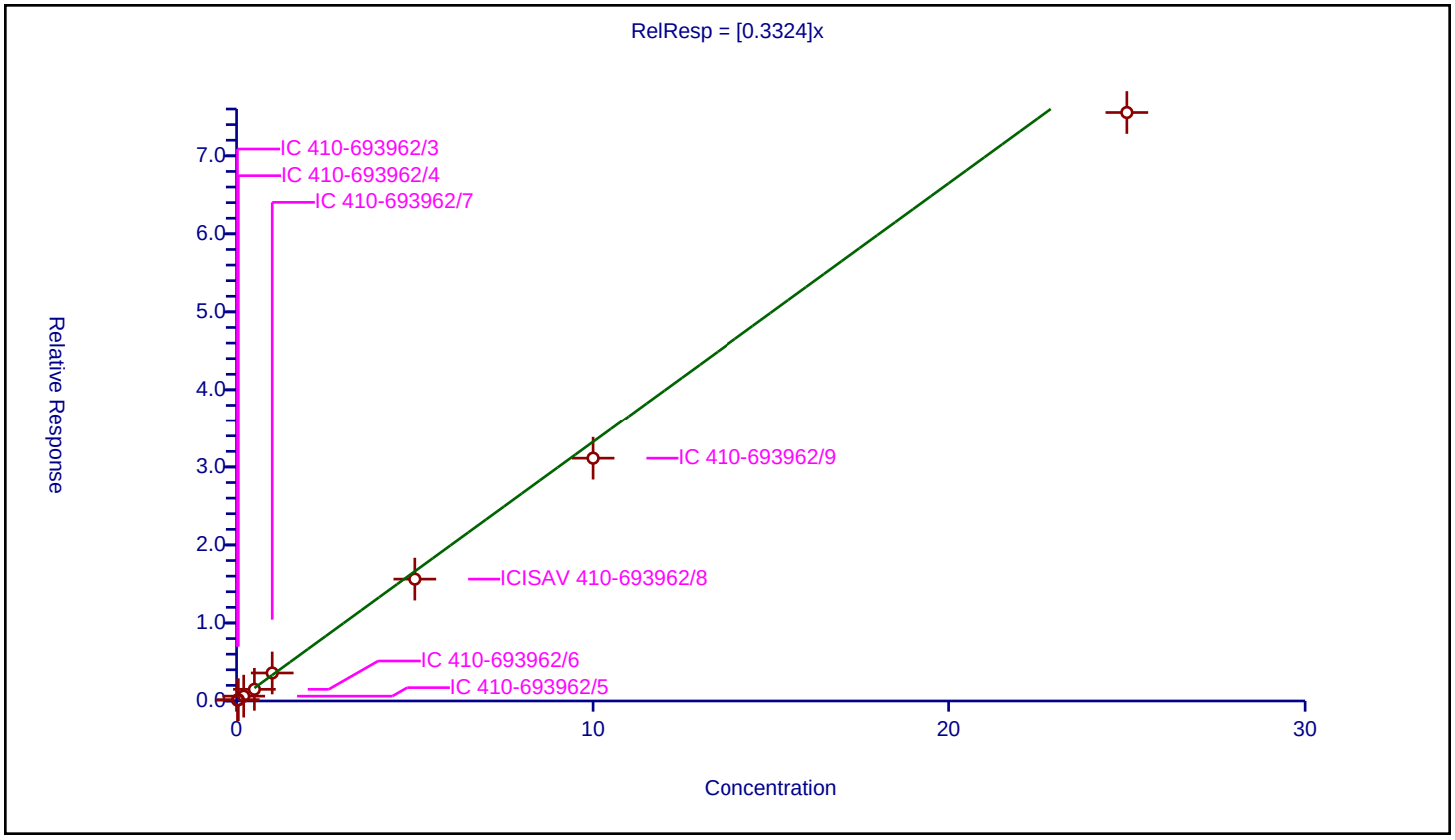
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3324 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.010779 | 10.0 | 2416794.0 | 0.43115 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.016694 | 10.0 | 2424802.0 | 0.333883 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.061939 | 10.0 | 2492288.0 | 0.309695 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.149685 | 10.0 | 2477664.0 | 0.299371 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.35911 | 10.0 | 2374817.0 | 0.35911 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.562248 | 10.0 | 2430159.0 | 0.31245 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.112454 | 10.0 | 2452351.0 | 0.311245 | Y |
| 8 | IC 410-693962/10 | 25.0 | 7.555184 | 10.0 | 2558917.0 | 0.302207 | Y |



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## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

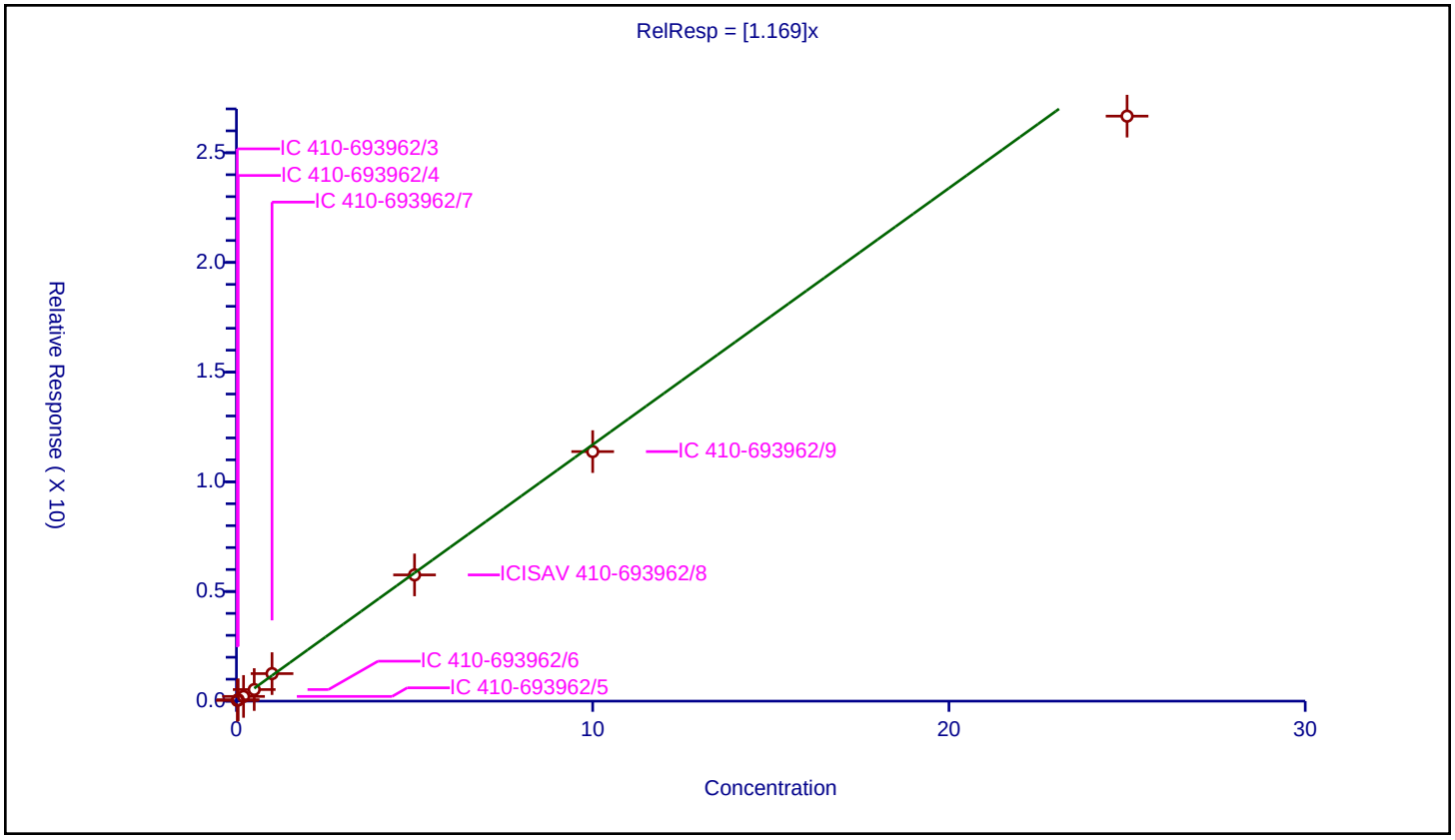
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.169 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.033371 | 10.0 | 2416794.0 | 1.334826 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.064121 | 10.0 | 2424802.0 | 1.282414 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.213972 | 10.0 | 2492288.0 | 1.06986 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.528857 | 10.0 | 2477664.0 | 1.057714 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.254324 | 10.0 | 2374817.0 | 1.254324 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.754368 | 10.0 | 2430159.0 | 1.150874 | Y |
| 7 | IC 410-693962/9 | 10.0 | 11.376516 | 10.0 | 2452351.0 | 1.137652 | Y |
| 8 | IC 410-693962/10 | 25.0 | 26.669466 | 10.0 | 2558917.0 | 1.066779 | Y |



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## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

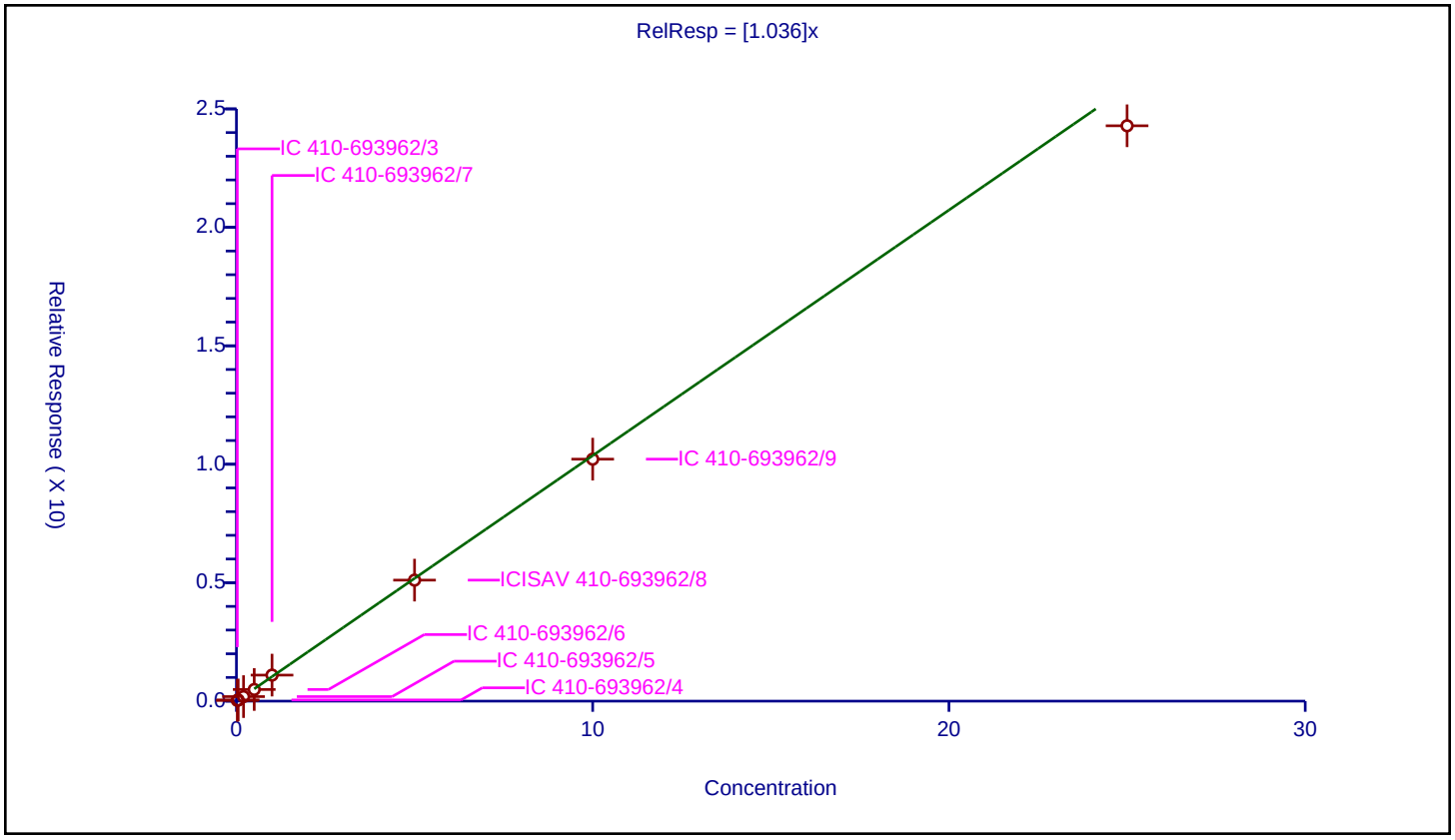
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.036 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.030714 | 10.0 | 2416794.0 | 1.22857 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.050495 | 10.0 | 2424802.0 | 1.009897 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.191134 | 10.0 | 2492288.0 | 0.955668 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.491903 | 10.0 | 2477664.0 | 0.983806 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.09891 | 10.0 | 2374817.0 | 1.09891 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.10795 | 10.0 | 2430159.0 | 1.02159 | Y |
| 7 | IC 410-693962/9 | 10.0 | 10.214056 | 10.0 | 2452351.0 | 1.021406 | Y |
| 8 | IC 410-693962/10 | 25.0 | 24.287697 | 10.0 | 2558917.0 | 0.971508 | Y |



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## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

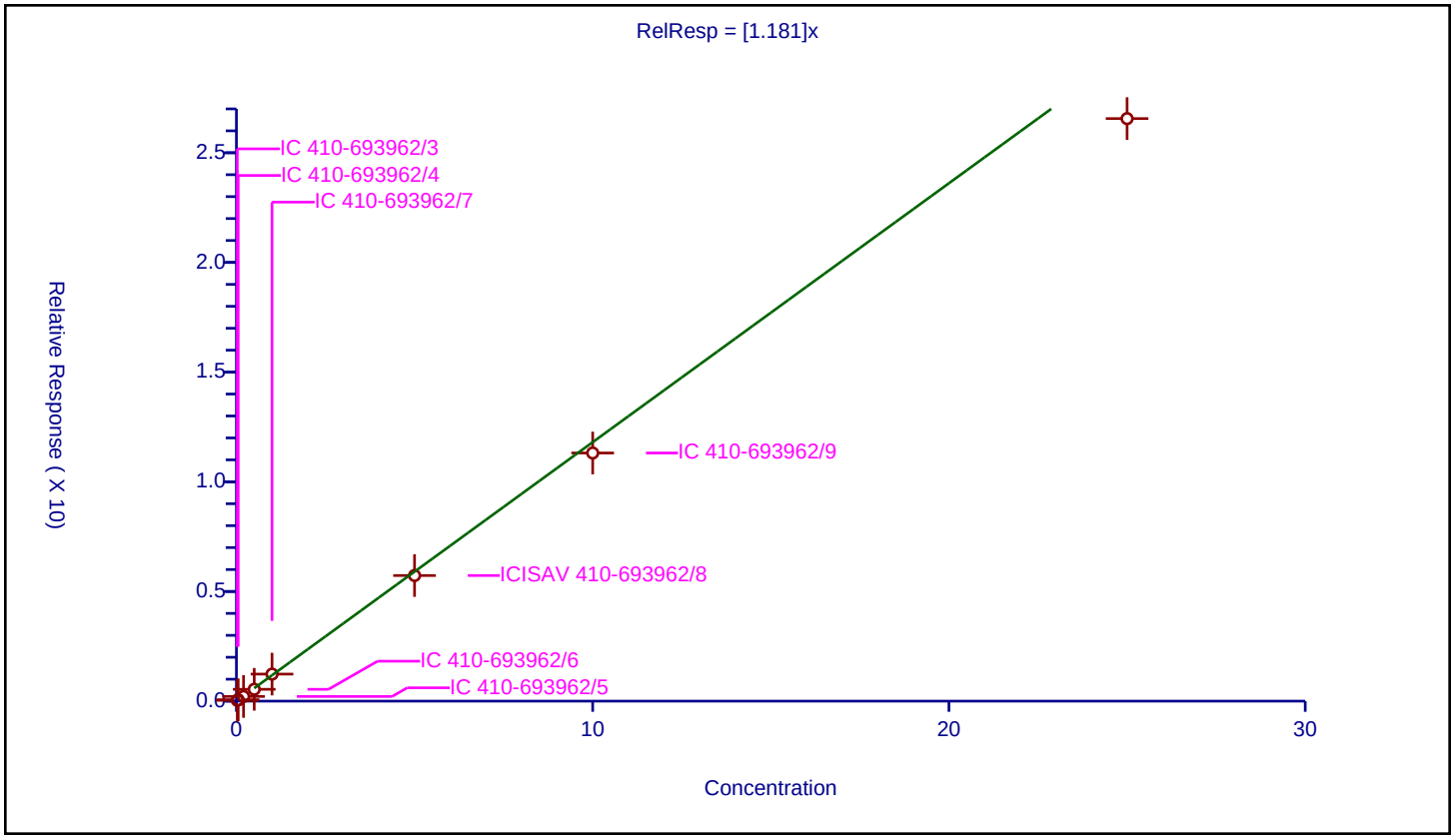
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.181 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.036788 | 10.0 | 2416794.0 | 1.471536 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.062706 | 10.0 | 2424802.0 | 1.254123 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.213655 | 10.0 | 2492288.0 | 1.068275 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.539411 | 10.0 | 2477664.0 | 1.078823 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.232491 | 10.0 | 2374817.0 | 1.232491 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.727358 | 10.0 | 2430159.0 | 1.145472 | Y |
| 7 | IC 410-693962/9 | 10.0 | 11.312328 | 10.0 | 2452351.0 | 1.131233 | Y |
| 8 | IC 410-693962/10 | 25.0 | 26.557411 | 10.0 | 2558917.0 | 1.062296 | Y |



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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

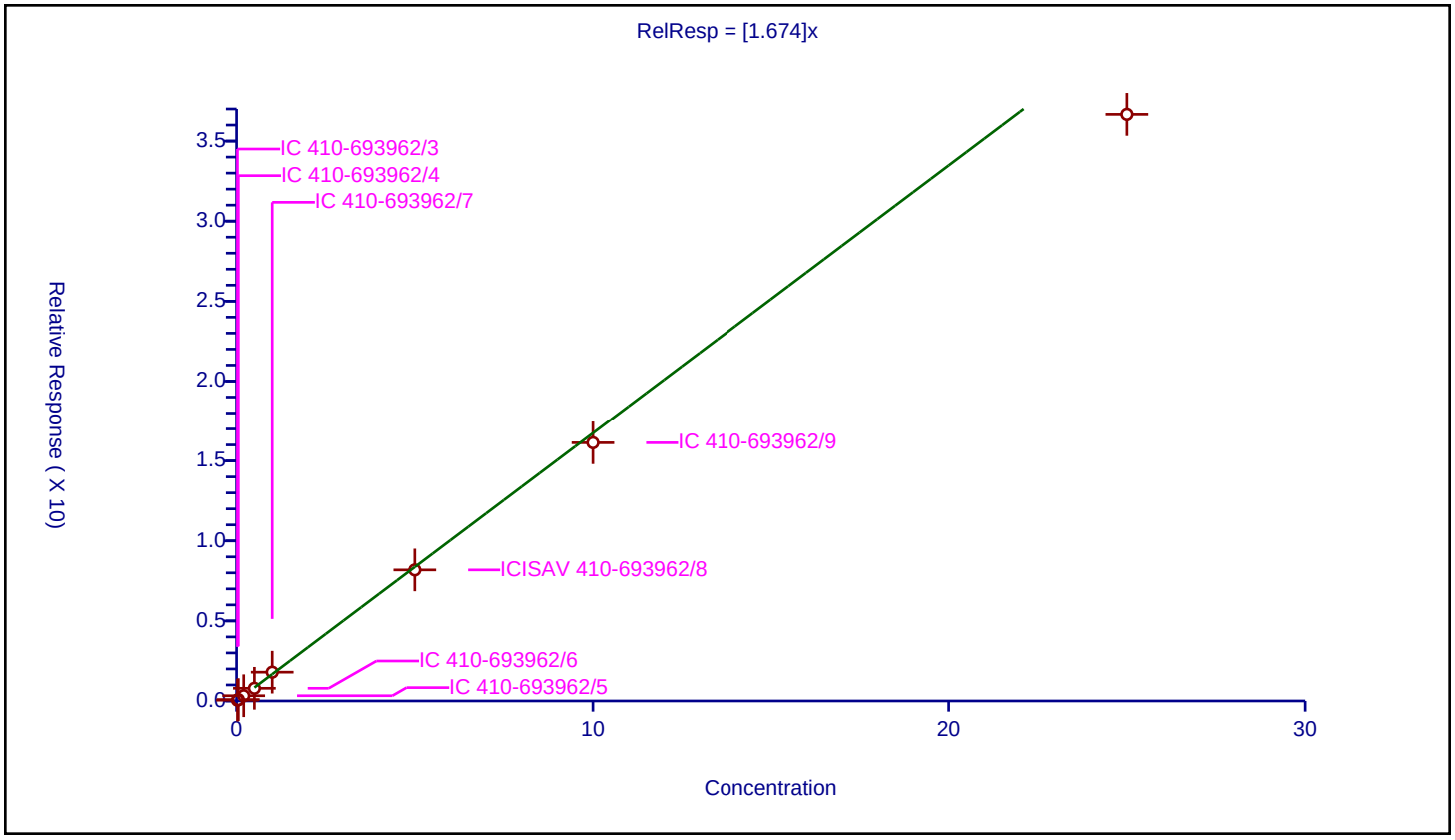
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.674 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.048548 | 10.0 | 2416794.0 | 1.941911 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.086098 | 10.0 | 2424802.0 | 1.721955 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.326166 | 10.0 | 2492288.0 | 1.630831 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.79083 | 10.0 | 2477664.0 | 1.581659 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.797191 | 10.0 | 2374817.0 | 1.797191 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 8.184851 | 10.0 | 2430159.0 | 1.63697 | Y |
| 7 | IC 410-693962/9 | 10.0 | 16.135949 | 10.0 | 2452351.0 | 1.613595 | Y |
| 8 | IC 410-693962/10 | 25.0 | 36.66575 | 10.0 | 2558917.0 | 1.46663 | Y |



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## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

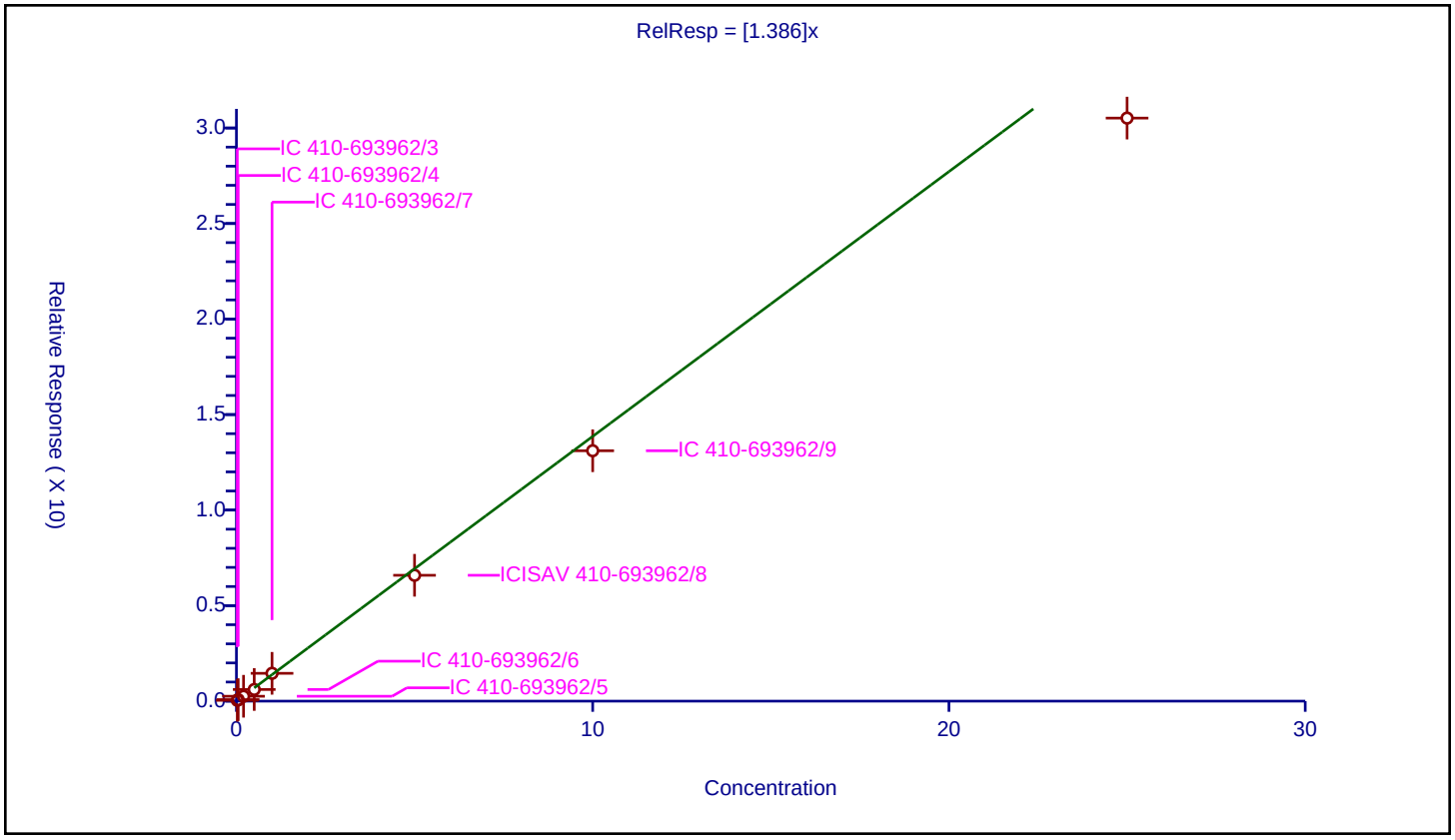
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.386 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.042519 | 10.0 | 2416794.0 | 1.700766 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.079248 | 10.0 | 2424802.0 | 1.584954 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.2555 | 10.0 | 2492288.0 | 1.277501 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.60953 | 10.0 | 2477664.0 | 1.21906 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.455624 | 10.0 | 2374817.0 | 1.455624 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 6.587515 | 10.0 | 2430159.0 | 1.317503 | Y |
| 7 | IC 410-693962/9 | 10.0 | 13.10697 | 10.0 | 2452351.0 | 1.310697 | Y |
| 8 | IC 410-693962/10 | 25.0 | 30.518954 | 10.0 | 2558917.0 | 1.220758 | Y |



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## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

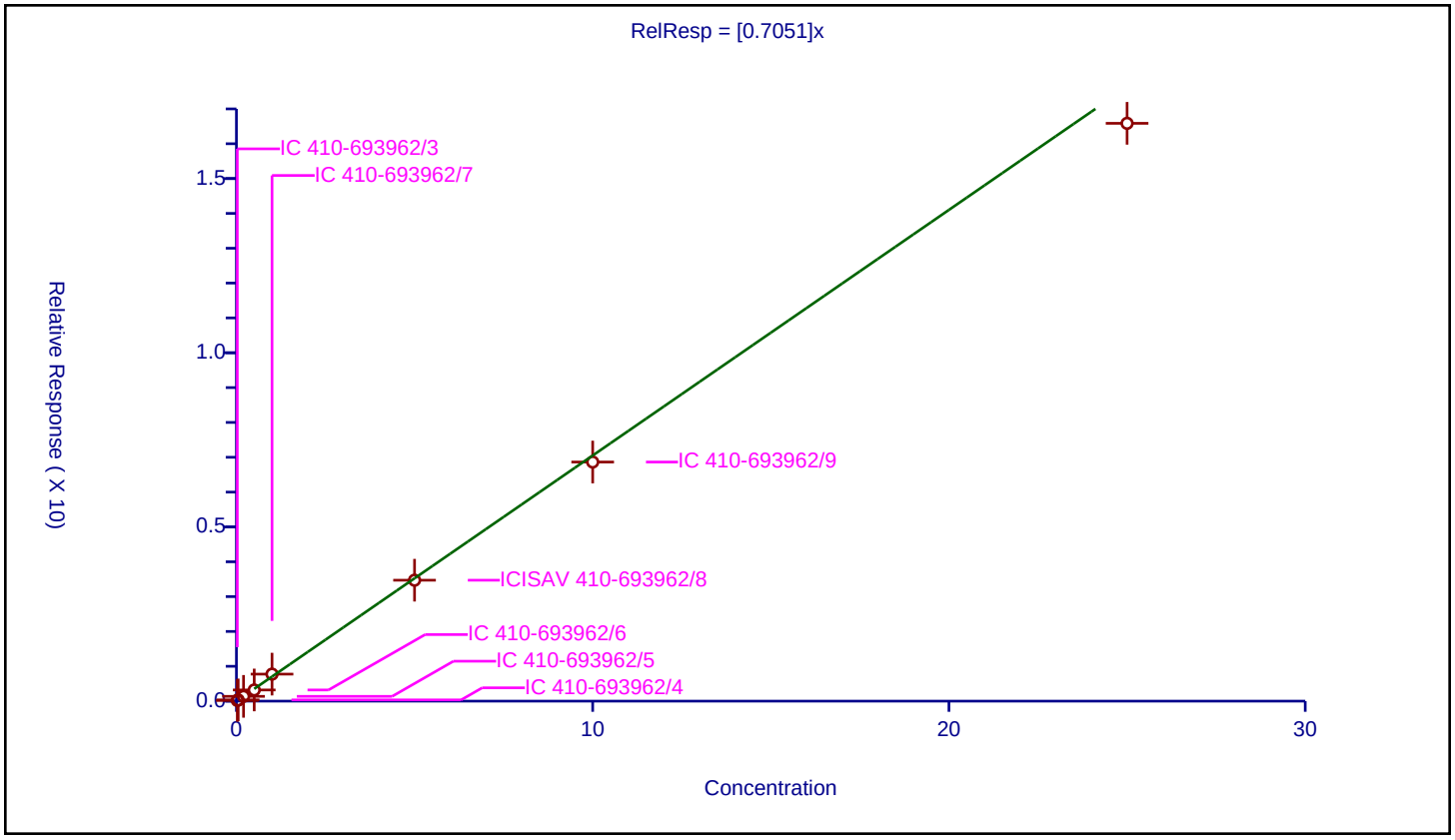
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7051 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.019658 | 10.0 | 2416794.0 | 0.786331 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.035232 | 10.0 | 2424802.0 | 0.704635 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.137552 | 10.0 | 2492288.0 | 0.687762 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.320992 | 10.0 | 2477664.0 | 0.641984 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.775677 | 10.0 | 2374817.0 | 0.775677 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.471435 | 10.0 | 2430159.0 | 0.694287 | Y |
| 7 | IC 410-693962/9 | 10.0 | 6.863451 | 10.0 | 2452351.0 | 0.686345 | Y |
| 8 | IC 410-693962/10 | 25.0 | 16.585473 | 10.0 | 2558917.0 | 0.663419 | Y |






10/16/2025
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## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

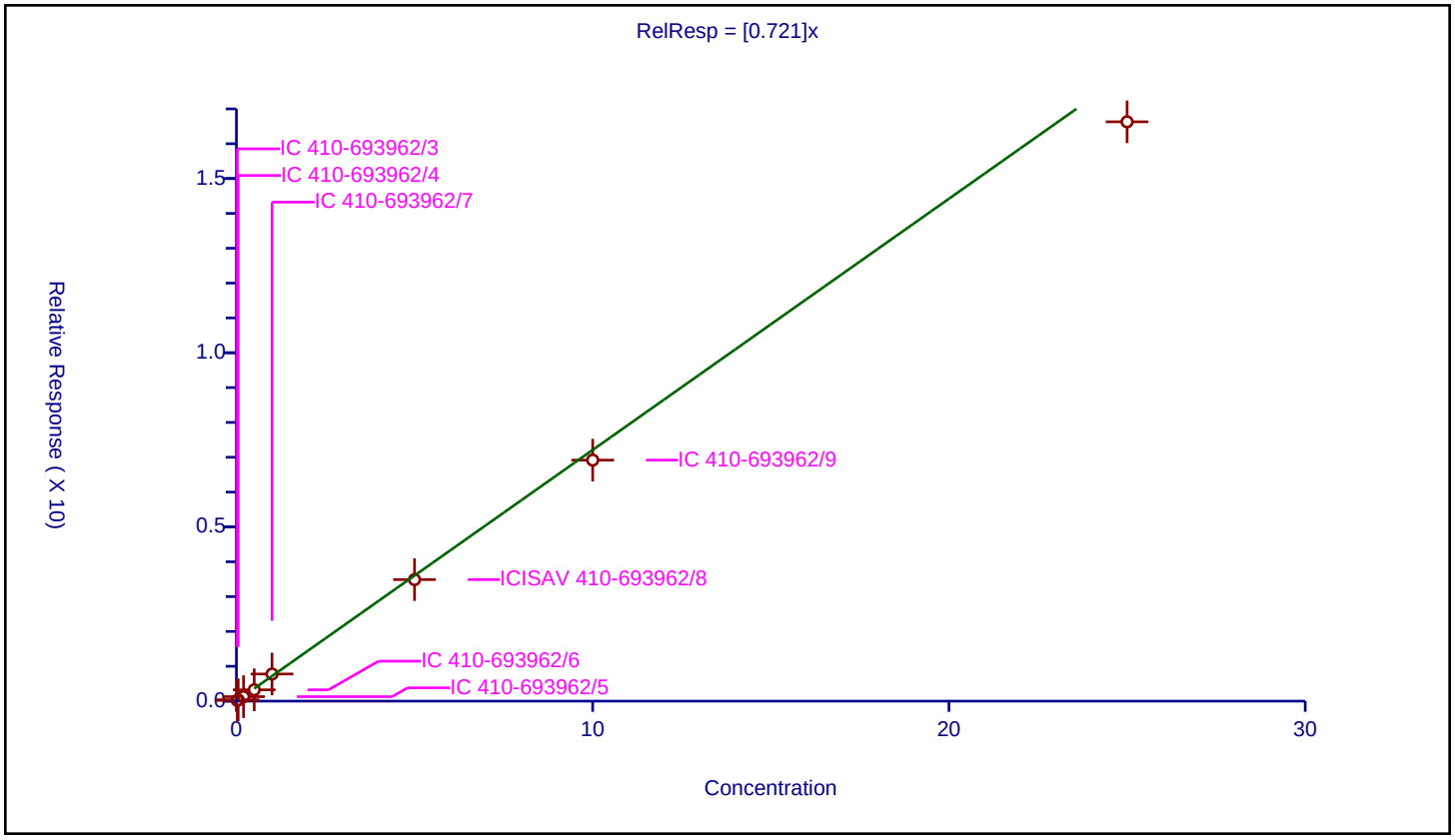
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.721 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.021727 | 10.0 | 2416794.0 | 0.869085 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.038498 | 10.0 | 2424802.0 | 0.76996 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.128994 | 10.0 | 2492288.0 | 0.64497 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.325411 | 10.0 | 2477664.0 | 0.650823 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.778704 | 10.0 | 2374817.0 | 0.778704 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.488607 | 10.0 | 2430159.0 | 0.697721 | Y |
| 7 | IC 410-693962/9 | 10.0 | 6.918785 | 10.0 | 2452351.0 | 0.691879 | Y |
| 8 | IC 410-693962/10 | 25.0 | 16.629406 | 10.0 | 2558917.0 | 0.665176 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

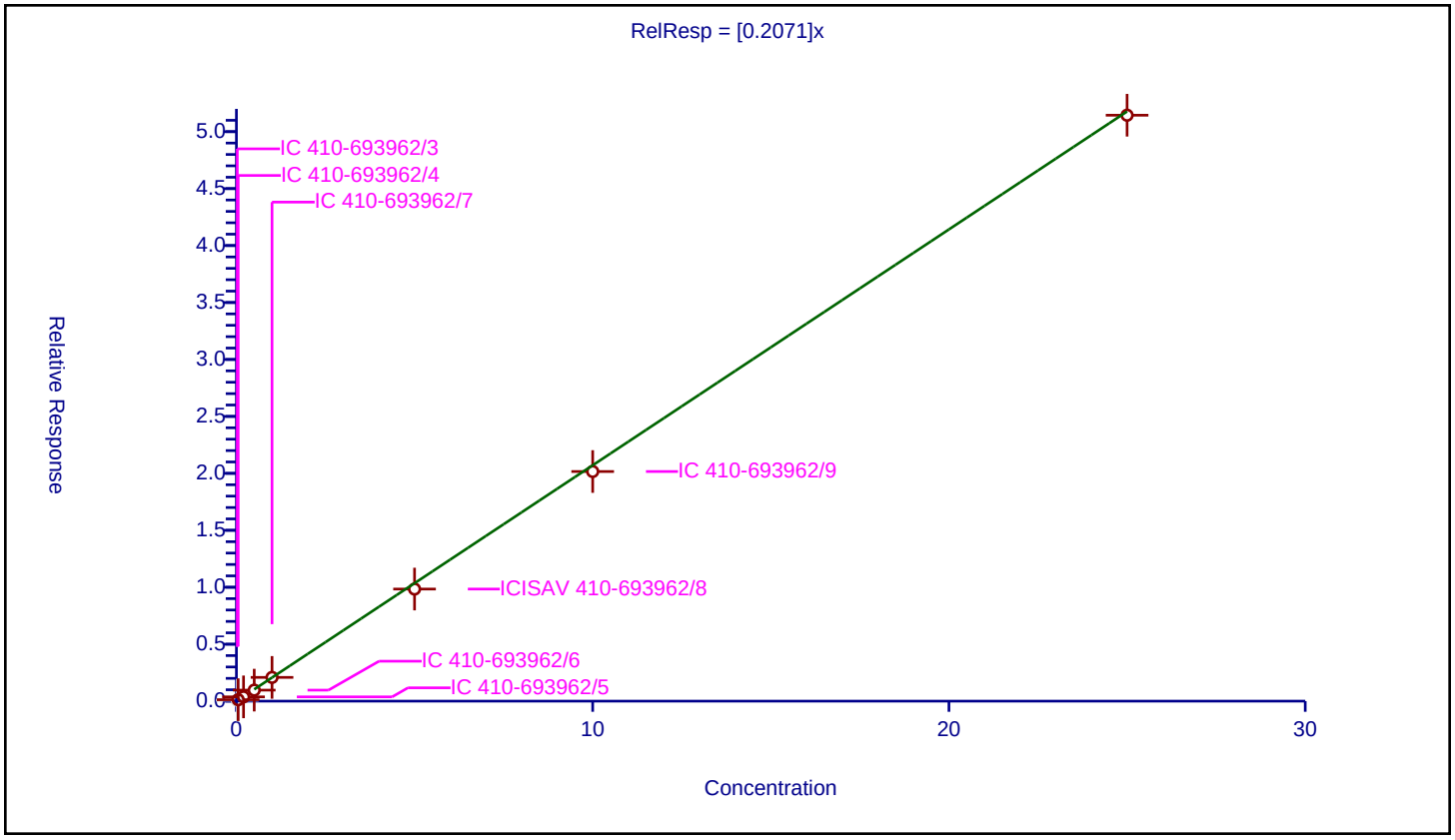
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2071 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.008623 | 10.0 | 2416794.0 | 0.34492 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.012822 | 10.0 | 2424802.0 | 0.256433 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.037464 | 10.0 | 2492288.0 | 0.187318 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.096599 | 10.0 | 2477664.0 | 0.193198 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.208483 | 10.0 | 2374817.0 | 0.208483 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 0.984076 | 10.0 | 2430159.0 | 0.196815 | Y |
| 7 | IC 410-693962/9 | 10.0 | 2.016175 | 10.0 | 2452351.0 | 0.201618 | Y |
| 8 | IC 410-693962/10 | 25.0 | 5.14425 | 10.0 | 2558917.0 | 0.20577 | Y |



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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

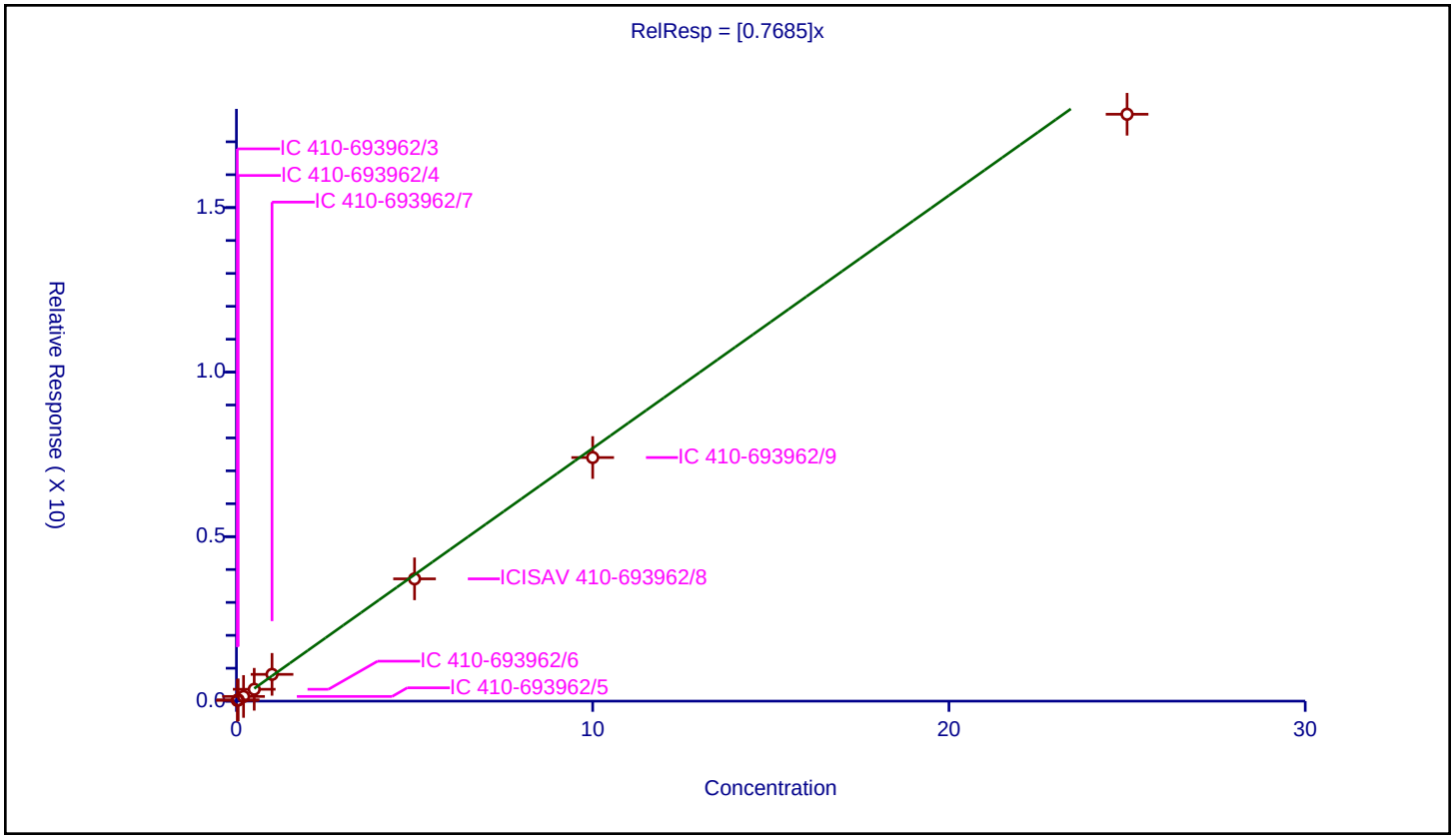
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7685 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.023122 | 10.0 | 2416794.0 | 0.924862 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.039026 | 10.0 | 2424802.0 | 0.780517 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.142163 | 10.0 | 2492288.0 | 0.710813 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.360448 | 10.0 | 2477664.0 | 0.720897 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.813608 | 10.0 | 2374817.0 | 0.813608 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.717094 | 10.0 | 2430159.0 | 0.743419 | Y |
| 7 | IC 410-693962/9 | 10.0 | 7.404001 | 10.0 | 2452351.0 | 0.7404 | Y |
| 8 | IC 410-693962/10 | 25.0 | 17.837249 | 10.0 | 2558917.0 | 0.71349 | Y |



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## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

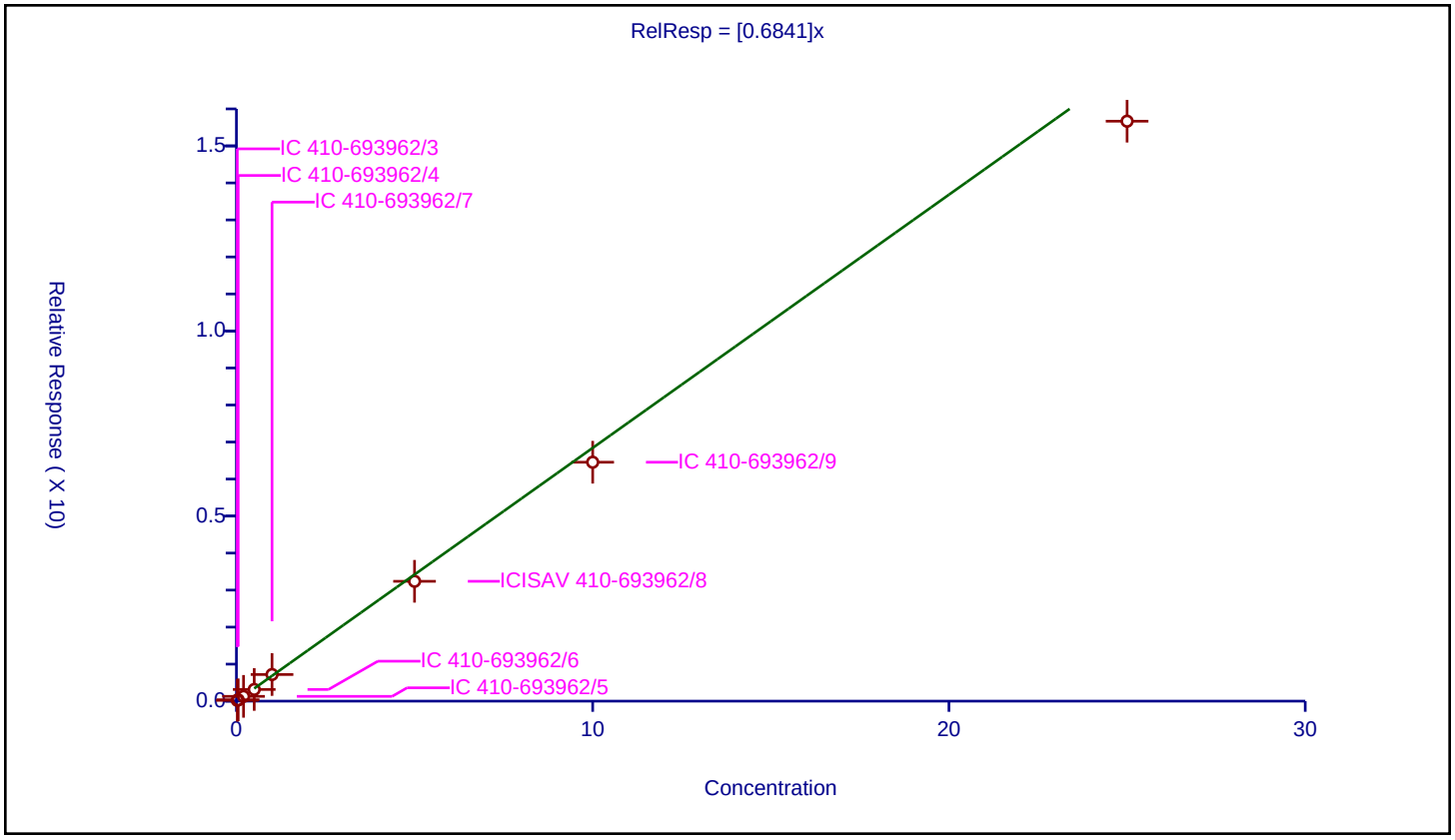
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6841 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.020949 | 10.0 | 2416794.0 | 0.83797 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.03604 | 10.0 | 2424802.0 | 0.720801 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.128857 | 10.0 | 2492288.0 | 0.644287 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.315636 | 10.0 | 2477664.0 | 0.631272 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.718822 | 10.0 | 2374817.0 | 0.718822 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 3.237706 | 10.0 | 2430159.0 | 0.647541 | Y |
| 7 | IC 410-693962/9 | 10.0 | 6.454541 | 10.0 | 2452351.0 | 0.645454 | Y |
| 8 | IC 410-693962/10 | 25.0 | 15.66791 | 10.0 | 2558917.0 | 0.626716 | Y |



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## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

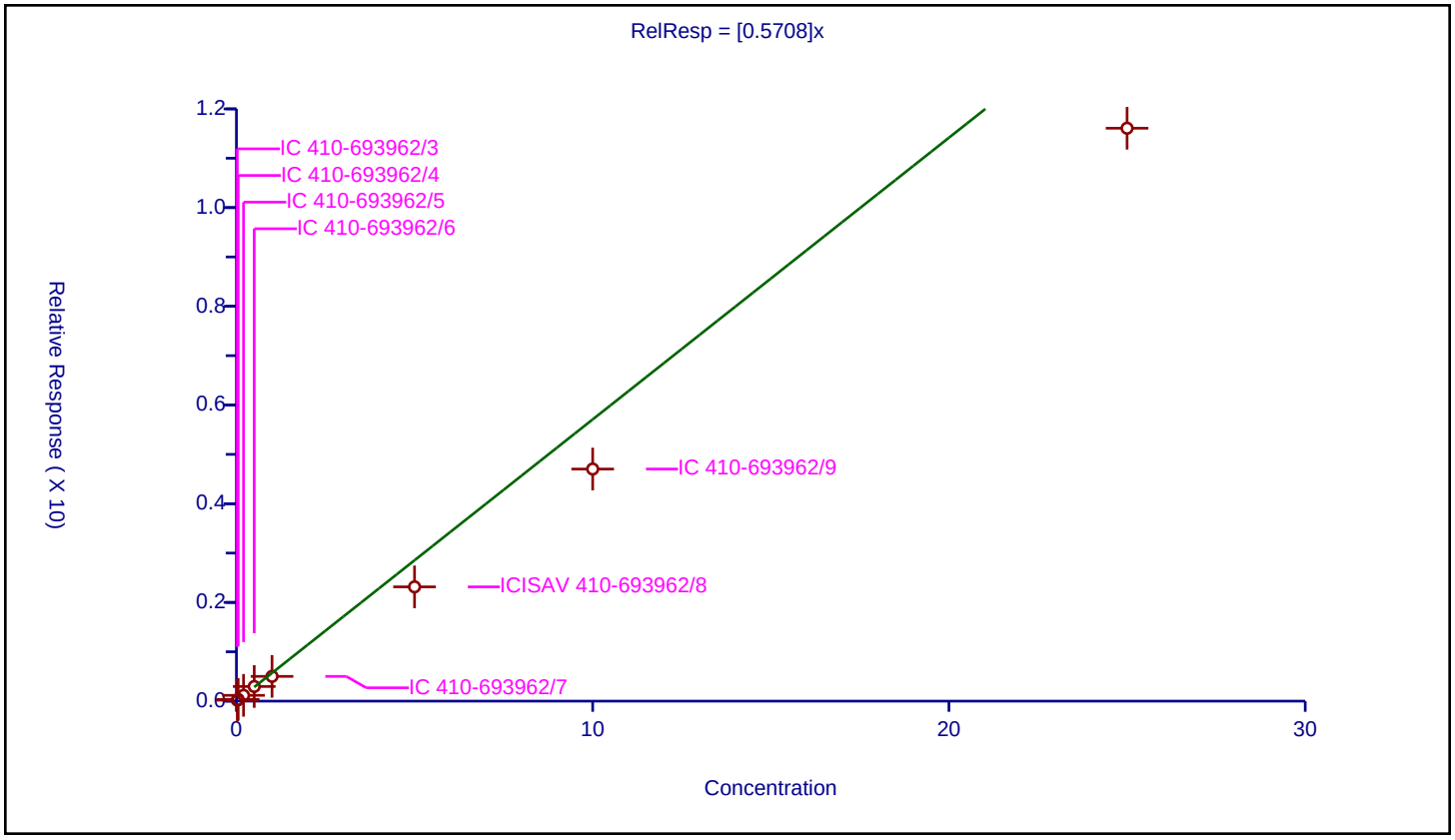
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5708 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.019828 | 10.0 | 2416794.0 | 0.793117 | Y |
| 2 | IC 410-693962/4 | 0.05 | 0.034691 | 10.0 | 2424802.0 | 0.69383 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.117342 | 10.0 | 2492288.0 | 0.58671 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.296707 | 10.0 | 2477664.0 | 0.593414 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.501605 | 10.0 | 2374817.0 | 0.501605 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 2.315437 | 10.0 | 2430159.0 | 0.463087 | Y |
| 7 | IC 410-693962/9 | 10.0 | 4.702589 | 10.0 | 2452351.0 | 0.470259 | Y |
| 8 | IC 410-693962/10 | 25.0 | 11.608462 | 10.0 | 2558917.0 | 0.464338 | Y |



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## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

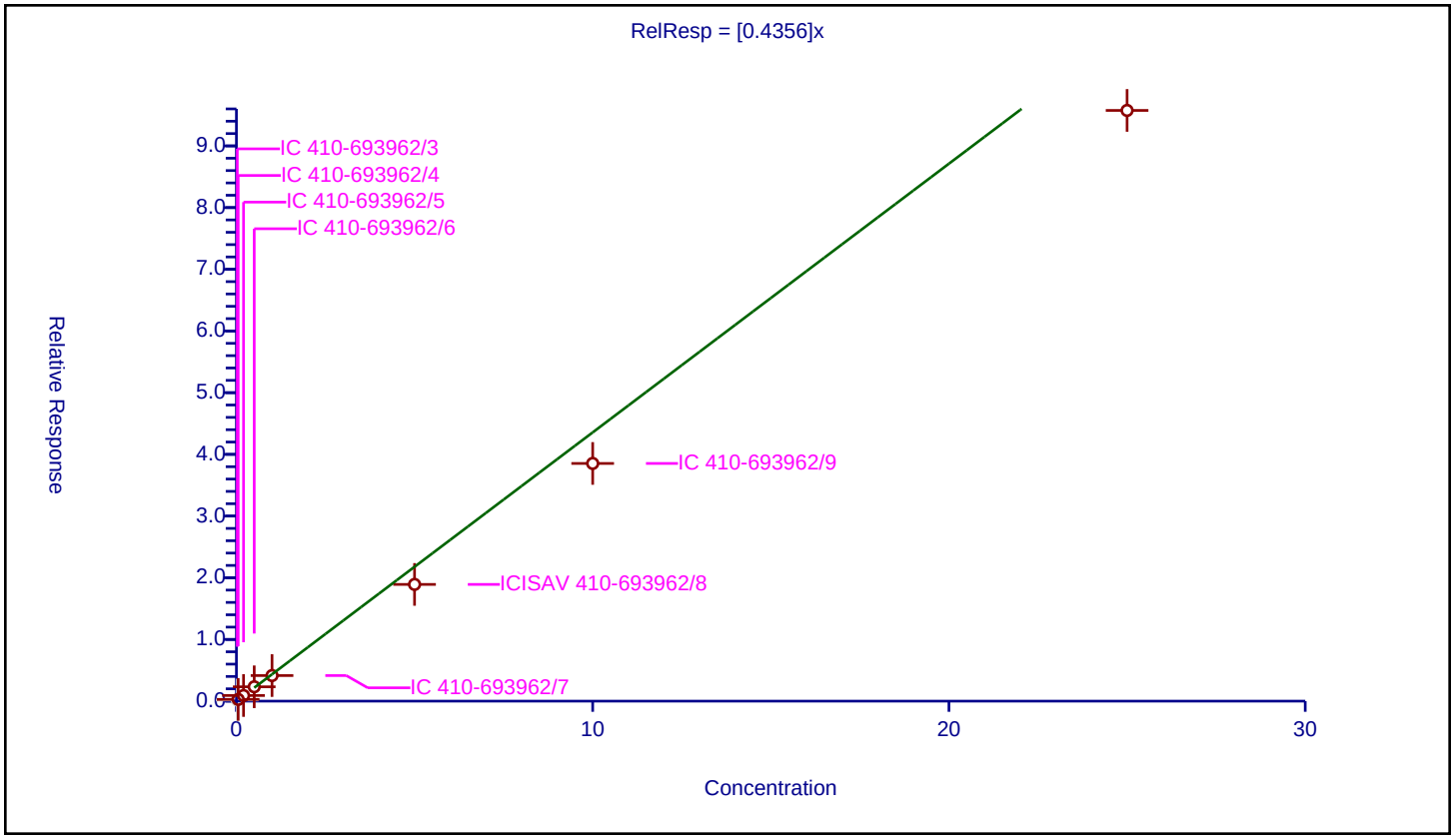
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4356 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.01826 | 10.0 | 2416794.0 | 0.730389 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.028307 | 10.0 | 2424802.0 | 0.566149 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.091378 | 10.0 | 2492288.0 | 0.456889 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.232392 | 10.0 | 2477664.0 | 0.464785 | Y |
| 5 | IC 410-693962/7 | 1.0 | 0.414647 | 10.0 | 2374817.0 | 0.414647 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 1.891938 | 10.0 | 2430159.0 | 0.378388 | Y |
| 7 | IC 410-693962/9 | 10.0 | 3.853058 | 10.0 | 2452351.0 | 0.385306 | Y |
| 8 | IC 410-693962/10 | 25.0 | 9.574847 | 10.0 | 2558917.0 | 0.382994 | Y |



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## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

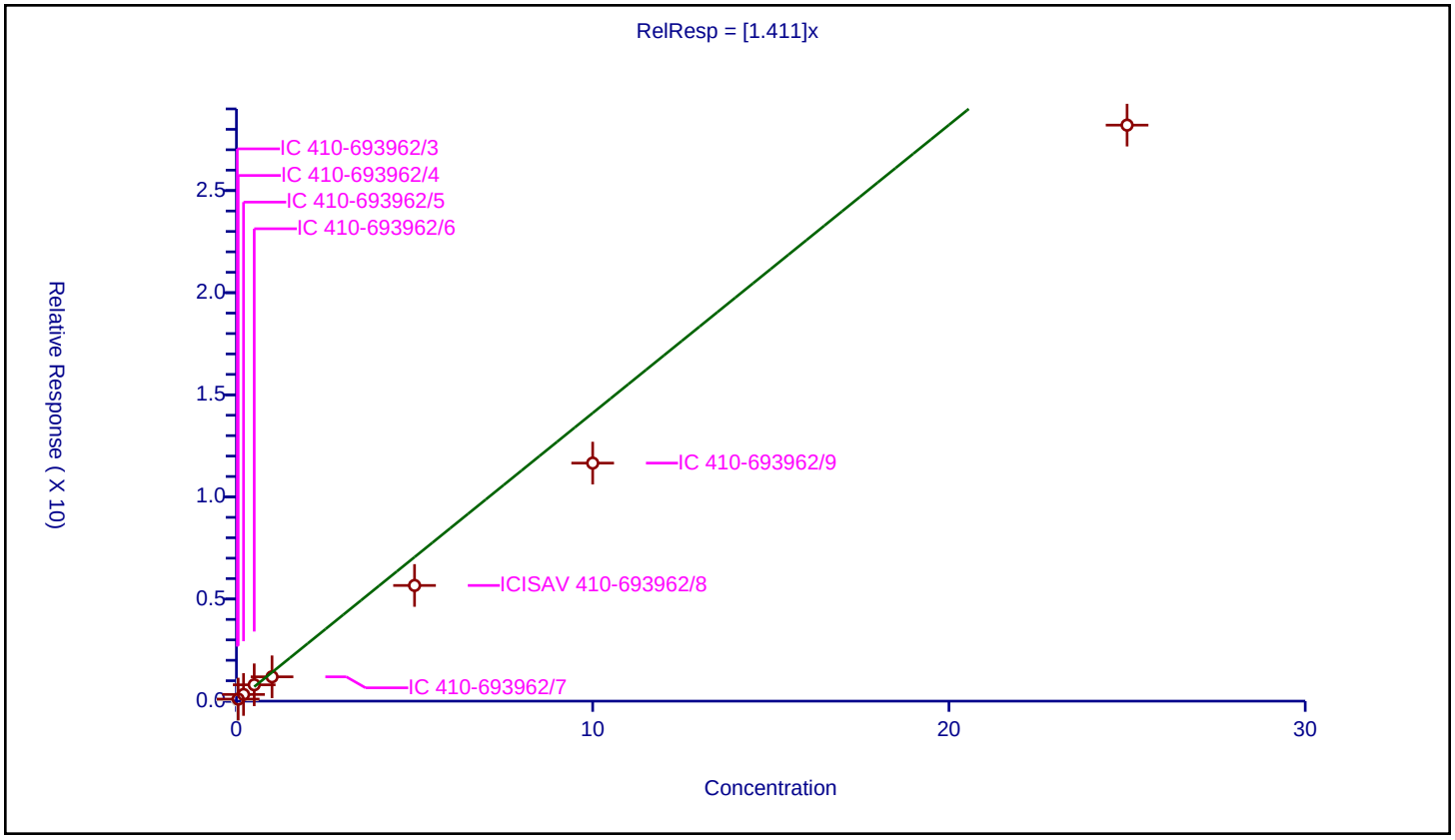
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.411 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 24.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-693962/3 | 0.025 | 0.06056 | 10.0 | 2416794.0 | 2.422383 | N |
| 2 | IC 410-693962/4 | 0.05 | 0.101002 | 10.0 | 2424802.0 | 2.020041 | Y |
| 3 | IC 410-693962/5 | 0.2 | 0.327314 | 10.0 | 2492288.0 | 1.636568 | Y |
| 4 | IC 410-693962/6 | 0.5 | 0.800371 | 10.0 | 2477664.0 | 1.600742 | Y |
| 5 | IC 410-693962/7 | 1.0 | 1.191544 | 10.0 | 2374817.0 | 1.191544 | Y |
| 6 | ICISAV 410-693962/8 | 5.0 | 5.665119 | 10.0 | 2430159.0 | 1.133024 | Y |
| 7 | IC 410-693962/9 | 10.0 | 11.656435 | 10.0 | 2452351.0 | 1.165643 | Y |
| 8 | IC 410-693962/10 | 25.0 | 28.205999 | 10.0 | 2558917.0 | 1.12824 | Y |



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FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-695447/3 | 7S07X03.D |
| Level 2 | IC 410-695447/4 | 7S07X04.D |
| Level 3 | IC 410-695447/5 | 7S07X05.D |
| Level 4 | IC 410-695447/6 | 7S07X06.D |
| Level 5 | IC 410-695447/7 | 7S07X07.D |
| Level 6 | ICISAV 410-695447/8 | 7S07X08.D |
| Level 7 | IC 410-695447/9 | 7S07X09.D |
| Level 8 | IC 410-695447/10 | 7S07X10.D |
| Level 9 | IC 410-695447/11 | 7S07X11.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | 2.7276 2.2170 | 2.1733 2.2685 | 2.4048 2.2187 | 2.2574 2.1038 | 2.1897 | Ave | | 2.2845 | | | | 8.1 | | 30.0 | | | |
| Chlorodifluoromethane | 1.1965 1.3450 | 1.4379 1.3939 | 1.5327 1.3736 | 0.9142 1.3331 | 1.1121 | Ave | | 1.2932 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | 1.7321 2.1871 | 2.0051 2.2659 | 2.3621 2.2097 | 1.5174 2.1399 | 1.8718 | Ave | | 2.0323 | | | | 13.6 | | 30.0 | | | |
| Chloromethane | +++++ 0.8359 | +++++ 0.8418 | 1.1396 0.8143 | 0.6180 0.7811 | 0.6959 | Ave | | 0.8181 | | | | 20.0 | | 30.0 | | | |
| n-Butane | 2.2485 1.3299 | 1.8879 1.3614 | 1.4950 1.3665 | 1.4805 1.3017 | 1.3473 | Ave | | 1.5354 | | | | 21.0 | | 30.0 | | | |
| Vinyl chloride | 0.7403 0.8761 | 0.8665 0.9256 | 0.9262 0.9035 | 0.6472 0.8739 | 0.7364 | Ave | | 0.8328 | | | | 12.0 | | 30.0 | | | |
| 1,3-Butadiene | 0.5826 0.6334 | 0.7445 0.6764 | 0.6240 0.6851 | 0.6113 0.6618 | 0.5920 | Ave | | 0.6457 | | | | 8.0 | | 30.0 | | | |
| Bromomethane | +++++ 0.6094 | 0.6213 0.6052 | 0.6467 0.6308 | 0.6368 0.6076 | 0.6053 | Ave | | 0.6204 | | | | 2.6 | | 30.0 | | | |
| Chloroethane | +++++ 0.4423 | 0.6261 0.4625 | 0.5361 0.4530 | 0.5509 0.4330 | 0.5202 | Ave | | 0.5030 | | | | 13.3 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | 0.9449 0.7513 | 0.9055 0.7741 | 0.8529 0.7815 | 0.7454 0.7572 | 0.7492 | Ave | | 0.8069 | | | | 9.3 | | 30.0 | | | |
| Trichlorofluoromethane | 1.9548 2.1046 | 2.0802 2.1487 | 2.1680 2.1195 | 2.0474 2.0059 | 2.1026 | Ave | | 2.0813 | | | | 3.3 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.5889 1.2867 | 1.6229 1.3426 | 1.4572 1.3416 | 1.4063 1.2894 | 1.3364 | Ave | | 1.4080 | | | | 8.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,2-Trichlorotrifluoroethane | 1.3710<br>1.0252 | 1.0245<br>1.0482 | 1.1263<br>1.0052 | 0.8441<br>0.9771 | 0.9188 | Ave | | 1.0378 | | | | 14.3 | | 30.0 | | | |
| Acetone | +++++<br>1.3737 | +++++<br>1.4089 | 1.8921<br>1.4168 | 1.5116<br>1.3400 | 1.4585 | Ave | | 1.4859 | | | | 12.6 | | 30.0 | | | |
| Isopropyl alcohol | +++++<br>0.9524 | 1.1459<br>1.0828 | 1.2837<br>1.0782 | 1.2005<br>1.0355 | 1.0194 | Ave | | 1.0998 | | | | 9.7 | | 30.0 | | | |
| Carbon disulfide | 3.7423<br>2.7040 | 3.6533<br>2.7722 | 3.0923<br>2.6970 | 2.8183<br>2.5618 | 2.7654 | Ave | | 2.9785 | | | | 14.5 | | 30.0 | | | |
| 3-Chloropropene | +++++<br>1.1422 | 2.2094<br>1.1775 | 1.4069<br>1.2236 | 1.4151<br>1.1712 | 1.2241 | Ave | | 1.3712 | | | | 25.8 | | 30.0 | | | |
| Methylene Chloride | +++++<br>0.7170 | 1.0882<br>0.7194 | 0.8773<br>0.7152 | 0.7795<br>0.6815 | 0.7268 | Ave | | 0.7881 | | | | 17.2 | | 30.0 | | | |
| tert-Butyl alcohol | +++++<br>0.9334 | 0.8375<br>1.0368 | 0.9179<br>1.0521 | 0.7426<br>1.0074 | 0.7697 | Ave | | 0.9122 | | | | 13.1 | | 30.0 | | | |
| Methyl tert-butyl ether | 2.0752<br>2.1555 | 2.3187<br>2.2820 | 2.2511<br>2.3214 | 1.8072<br>2.2643 | 1.9252 | Ave | | 2.1556 | | | | 8.6 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.5612<br>1.3836 | 1.8110<br>1.4324 | 1.4941<br>1.4393 | 1.5521<br>1.3619 | 1.4383 | Ave | | 1.4971 | | | | 9.1 | | 30.0 | | | |
| n-Hexane | 1.0388<br>0.7082 | 0.7667<br>0.7084 | 0.7744<br>0.7291 | 0.7789<br>0.6850 | 0.7607 | Ave | | 0.7723 | | | | 13.7 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.1089<br>1.6388 | 2.0147<br>1.6617 | 1.8747<br>1.6853 | 2.0717<br>1.5736 | 1.7980 | Ave | | 1.8252 | | | | 11.0 | | 30.0 | | | |
| Methyl Ethyl Ketone (2-Butanone) | +++++<br>0.4274 | +++++<br>0.4432 | 0.3907<br>0.4606 | 0.4052<br>0.4403 | 0.3900 | Ave | | 0.4225 | | | | 6.5 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.9681<br>1.5504 | 1.9907<br>1.5876 | 1.6700<br>1.6220 | 1.7265<br>1.5324 | 1.6417 | Ave | | 1.6988 | | | | 10.0 | | 30.0 | | | |
| Tetrahydrofuran | +++++<br>1.1053 | 1.7263<br>1.1138 | 1.1721<br>1.1548 | 1.2111<br>1.1000 | 1.1984 | Ave | | 1.2227 | | | | 17.0 | | 30.0 | | | |
| Chloroform | 2.4483<br>1.8394 | 2.3872<br>1.8594 | 1.9399<br>1.8886 | 2.2382<br>1.7773 | 2.0395 | Ave | | 2.0464 | | | | 12.2 | | 30.0 | | | |
| 1,1,1-Trichloroethane | 2.1546<br>1.7263 | 1.9102<br>1.7195 | 1.9004<br>1.7472 | 1.7508<br>1.6752 | 1.6637 | Ave | | 1.8053 | | | | 8.7 | | 30.0 | | | |
| Cyclohexane | 1.5167<br>1.3602 | 1.5773<br>1.4412 | 1.4598<br>1.4854 | 1.2762<br>1.4480 | 1.2803 | Ave | | 1.4272 | | | | 7.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbon tetrachloride | 1.6960<br>1.6618 | 1.5034<br>1.6969 | 1.6748<br>1.7572 | 1.7375<br>1.6898 | 1.6228 | Ave | | 1.6711 | | | | 4.4 | | 30.0 | | | |
| Benzene | 1.0603<br>0.7200 | 0.8850<br>0.7225 | 0.8293<br>0.7329 | 0.8636<br>0.7010 | 0.7613 | Ave | | 0.8084 | | | | 14.3 | | 30.0 | | | |
| 1,2-Dichloroethane | 0.4305<br>0.3407 | 0.4239<br>0.3388 | 0.3674<br>0.3426 | 0.4104<br>0.3250 | 0.3760 | Ave | | 0.3728 | | | | 10.7 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | 1.4010<br>1.2103 | 1.2583<br>1.2505 | 1.2227<br>1.2762 | 1.1571<br>1.2376 | 1.1230 | Ave | | 1.2374 | | | | 6.3 | | 30.0 | | | |
| n-Heptane | 0.2441<br>0.2382 | 0.2632<br>0.2466 | 0.2303<br>0.2591 | 0.2390<br>0.2527 | 0.2273 | Ave | | 0.2445 | | | | 5.0 | | 30.0 | | | |
| Trichloroethene | 0.4926<br>0.2768 | 0.3468<br>0.2803 | 0.2961<br>0.2868 | 0.3393<br>0.2790 | 0.2990 | Ave | | 0.3218 | | | | 21.4 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++<br>0.3048 | 0.4163<br>0.3071 | 0.3525<br>0.3157 | 0.3654<br>0.3028 | 0.3273 | Ave | | 0.3365 | | | | 11.8 | | 30.0 | | | |
| Methyl methacrylate | +++++<br>0.2492 | 0.2212<br>0.2643 | 0.2549<br>0.2840 | 0.2449<br>0.2810 | 0.2434 | Ave | | 0.2554 | | | | 8.1 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.1116 | 0.1280<br>0.1198 | 0.1184<br>0.1212 | 0.0717<br>0.1183 | 0.0850 | Ave | | 0.1093 | | | | 18.2 | | 30.0 | | | |
| Bromodichloromethane | 0.7836<br>0.5385 | 0.5858<br>0.5314 | 0.5809<br>0.5462 | 0.6548<br>0.5267 | 0.5551 | Ave | | 0.5892 | | | | 14.1 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.4710<br>0.4395 | 0.5550<br>0.4463 | 0.4661<br>0.4763 | 0.4927<br>0.4683 | 0.4454 | Ave | | 0.4734 | | | | 7.4 | | 30.0 | | | |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.7265<br>0.6031 | 0.7091<br>0.6364 | 0.6904<br>0.6654 | 0.4363<br>0.6474 | 0.4897 | Ave | | 0.6227 | | | | 15.9 | | 30.0 | | | |
| Toluene | +++++<br>0.9520 | 1.2179<br>0.9428 | 1.0987<br>0.9744 | 1.1021<br>0.9346 | 1.0145 | Ave | | 1.0296 | | | | 9.8 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4330<br>0.3849 | 0.4502<br>0.3935 | 0.3947<br>0.4230 | 0.4085<br>0.4199 | 0.4082 | Ave | | 0.4129 | | | | 5.1 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.3367 | 0.3607<br>0.3310 | 0.3489<br>0.3384 | 0.3877<br>0.3273 | 0.3352 | Ave | | 0.3457 | | | | 5.8 | | 30.0 | | | |
| Tetrachloroethene | +++++<br>0.3882 | +++++<br>0.3870 | 0.6509<br>0.4068 | 0.4630<br>0.3983 | 0.4113 | Ave | | 0.4436 | | | | 21.4 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | 0.6484<br>0.6467 | 0.5538<br>0.6744 | 0.7098<br>0.7033 | 0.4727<br>0.6886 | 0.5465 | Ave | | 0.6271 | | | | 13.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromochloromethane | 0.4837 0.4228 | 0.4475 0.4207 | 0.4333 0.4462 | 0.4673 0.4424 | 0.4344 | Ave | | 0.4442 | | | | 4.6 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5201 0.4980 | 0.5088 0.4918 | 0.5268 0.5218 | 0.5678 0.5111 | 0.5212 | Ave | | 0.5186 | | | | 4.2 | | 30.0 | | | |
| Chlorobenzene | 0.9417 0.6989 | 0.9061 0.6926 | 0.7659 0.7320 | 0.8169 0.7043 | 0.7589 | Ave | | 0.7797 | | | | 11.7 | | 30.0 | | | |
| Ethylbenzene | 1.3666 1.1660 | 1.2652 1.1957 | 1.2127 1.2694 | 1.2948 1.2185 | 1.1995 | Ave | | 1.2432 | | | | 5.0 | | 30.0 | | | |
| m,p-Xylene | 1.0024 0.8863 | 0.9384 0.9069 | 0.8749 0.9813 | 0.9249 0.9184 | 0.8694 | Ave | | 0.9225 | | | | 5.0 | | 30.0 | | | |
| o-Xylene | 0.9052 0.8872 | 0.9359 0.9124 | 0.8550 0.9956 | 0.9165 0.9630 | 0.8820 | Ave | | 0.9170 | | | | 4.7 | | 30.0 | | | |
| Styrene | 0.5478 0.6724 | 0.6399 0.6881 | 0.6647 0.7547 | 0.6635 0.7323 | 0.6322 | Ave | | 0.6662 | | | | 9.0 | | 30.0 | | | |
| Bromoform | 0.4658 0.4677 | 0.4460 0.4665 | 0.4625 0.5185 | 0.5112 0.5171 | 0.4744 | Ave | | 0.4811 | | | | 5.6 | | 30.0 | | | |
| Cumene | 1.0365 1.1494 | 1.1453 1.1855 | 1.0920 1.2858 | 1.0961 1.2284 | 1.1161 | Ave | | 1.1484 | | | | 6.6 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.7240 0.7549 | 0.9134 0.7474 | 0.8246 0.8065 | 0.7876 0.7761 | 0.7603 | Ave | | 0.7883 | | | | 7.1 | | 30.0 | | | |
| n-Propylbenzene | 0.2349 0.3126 | 0.3433 0.3164 | 0.3168 0.3494 | 0.3000 0.3453 | 0.2870 | Ave | | 0.3117 | | | | 11.5 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8711 1.2019 | 0.9565 1.2061 | 1.2222 1.3626 | 1.1020 1.2918 | 1.1110 | Ave | | 1.1473 | | | | 13.6 | | 30.0 | | | |
| 2-Chlorotoluene | 0.2724 0.2881 | 0.3176 0.2894 | 0.3185 0.3142 | 0.2840 0.3131 | 0.2808 | Ave | | 0.2976 | | | | 6.1 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | 0.7078 0.9418 | 0.8577 0.9793 | 0.9841 1.0501 | 0.8427 1.0188 | 0.8835 | Ave | | 0.9184 | | | | 11.6 | | 30.0 | | | |
| tert-Butylbenzene | 1.0979 0.9036 | 0.7625 0.9211 | 0.9217 1.0288 | 0.7735 0.9980 | 0.8276 | Ave | | 0.9150 | | | | 12.5 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8546 0.9747 | 1.0101 1.0106 | 0.9634 1.1297 | 0.8408 1.0815 | 0.8705 | Ave | | 0.9706 | | | | 10.4 | | 30.0 | | | |
| sec-Butylbenzene | 1.4510 1.3804 | 1.3681 1.4055 | 1.4480 1.5788 | 1.1521 1.4825 | 1.2630 | Ave | | 1.3922 | | | | 9.0 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 4-Isopropyltoluene | 1.1027<br>1.0758 | 1.1756<br>1.1112 | 1.1690<br>1.2747 | 0.8725<br>1.2188 | 0.9425 | Ave | | 1.1048 | | | | 11.6 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6116<br>0.6298 | 0.6275<br>0.6280 | 0.6529<br>0.7131 | 0.6197<br>0.6917 | 0.6175 | Ave | | 0.6435 | | | | 5.5 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.4931<br>0.6291 | 0.7213<br>0.6270 | 0.6698<br>0.7229 | 0.6396<br>0.7023 | 0.6217 | Ave | | 0.6474 | | | | 10.9 | | 30.0 | | | |
| Benzyl chloride | +++++<br>0.1412 | 0.1490<br>0.1517 | 0.1562<br>0.1858 | 0.1136<br>0.1934 | 0.1245 | Ave | | 0.1519 | | | | 18.0 | | 30.0 | | | |
| n-Butylbenzene | 0.5836<br>0.5876 | 0.6071<br>0.6186 | 0.6149<br>0.7202 | 0.4343<br>0.7021 | 0.4989 | Ave | | 0.5964 | | | | 14.9 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.5248<br>0.5807 | 0.6047<br>0.5806 | 0.6470<br>0.6758 | 0.5350<br>0.6596 | 0.5527 | Ave | | 0.5956 | | | | 9.2 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.4015 | +++++<br>0.4130 | 0.3152<br>0.4971 | 0.3237<br>0.4962 | 0.3671 | Ave | | 0.4020 | | | | 18.4 | | 30.0 | | | |
| Hexachlorobutadiene | 0.3780<br>0.3293 | 0.3905<br>0.3332 | 0.4311<br>0.4085 | 0.2674<br>0.4025 | 0.3172 | Ave | | 0.3620 | | | | 14.6 | | 30.0 | | | |
| Naphthalene | +++++<br>0.9734 | +++++<br>1.0385 | 0.7238<br>1.2029 | 0.7615<br>1.1844 | 0.8000 | Ave | | 0.9549 | | | | 20.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-695447/3 | 7S07X03.D |
| Level 2 | IC 410-695447/4 | 7S07X04.D |
| Level 3 | IC 410-695447/5 | 7S07X05.D |
| Level 4 | IC 410-695447/6 | 7S07X06.D |
| Level 5 | IC 410-695447/7 | 7S07X07.D |
| Level 6 | ICISAV 410-695447/8 | 7S07X08.D |
| Level 7 | IC 410-695447/9 | 7S07X09.D |
| Level 8 | IC 410-695447/10 | 7S07X10.D |
| Level 9 | IC 410-695447/11 | 7S07X11.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Dichlorodifluoromethane | CBM | Ave | 2266<br>386227 | 3617<br>793102 | 16409<br>1946334 | 37642<br>3979326 | 72882 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chlorodifluoromethane | CBM | Ave | 994<br>234311 | 2393<br>487315 | 10458<br>1204988 | 15244<br>2521436 | 37016 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichlorotetrafluoroethane | CBM | Ave | 1439<br>381017 | 3337<br>792190 | 16118<br>1938379 | 25302<br>4047500 | 62301 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloromethane | CBM | Ave | +++++<br>145631 | +++++<br>294301 | 7776<br>714327 | 10305<br>1477472 | 23163 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Butane | CBM | Ave | 1868<br>231676 | 3142<br>475971 | 10201<br>1198695 | 24688<br>2462009 | 44844 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Vinyl chloride | CBM | Ave | 615<br>152621 | 1442<br>323612 | 6320<br>792621 | 10792<br>1652848 | 24510 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3-Butadiene | CBM | Ave | 484<br>110341 | 1239<br>236482 | 4258<br>601024 | 10194<br>1251805 | 19703 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromomethane | CBM | Ave | +++++<br>106167 | 1034<br>211578 | 4413<br>553370 | 10618<br>1149303 | 20147 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloroethane | CBM | Ave | +++++<br>77050 | 1042<br>161709 | 3658<br>397395 | 9186<br>818978 | 17315 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromoethene(Vinyl Bromide) | CBM | Ave | 785<br>130891 | 1507<br>270635 | 5820<br>685579 | 12429<br>1432131 | 24937 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Trichlorofluoromethane | CBM | Ave | 1624<br>366646 | 3462<br>751212 | 14793<br>1859281 | 34140<br>3794042 | 69984 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1-Dichloroethene | CBM | Ave | 1320<br>224161 | 2701<br>469393 | 9943<br>1176908 | 23451<br>2438928 | 44481 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2-Trichlorotrifluoroethane | CBM | Ave | 1139<br>178594 | 1705<br>366467 | 7685<br>881794 | 14075<br>1848120 | 30580 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Acetone | CBM | Ave | +++++<br>239306 | +++++<br>492575 | 12911<br>1242831 | 25206<br>2534459 | 48546 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 460-335451-1 | Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004 | GC Column: Rtx-VMS 60 ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 | Calibration End Date: 09/08/2025 02:41 | Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Isopropyl alcohol | CBM | Ave | +++++<br>165914 | 1907<br>378548 | 8759<br>945866 | 20019<br>1958633 | 33931 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Carbon disulfide | CBM | Ave | 3109<br>471063 | 6080<br>969194 | 21100<br>2365895 | 46995<br>4845550 | 92043 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 3-Chloropropene | CBM | Ave | +++++<br>198983 | 3677<br>411677 | 9600<br>1073339 | 23597<br>2215172 | 40743 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methylene Chloride | CBM | Ave | +++++<br>124905 | 1811<br>251528 | 5986<br>627364 | 12998<br>1289102 | 24191 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>185366 | 1589<br>413207 | 7140<br>1052192 | 14117<br>2172133 | 29204 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14 |
| Methyl tert-butyl ether | CBM | Ave | 1724<br>375504 | 3859<br>797810 | 15360<br>2036423 | 30136<br>4282893 | 64079 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| trans-1,2-Dichloroethene | CBM | Ave | 1297<br>241044 | 3014<br>500792 | 10195<br>1262578 | 25882<br>2575933 | 47872 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Hexane | CBM | Ave | 863<br>123384 | 1276<br>247666 | 5284<br>639609 | 12988<br>1295701 | 25319 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1-Dichloroethane | CBM | Ave | 1752<br>285491 | 3353<br>580939 | 12792<br>1478406 | 34545<br>2976315 | 59843 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl Ethyl Ketone (2-Butanone) | CBM | Ave | +++++<br>74458 | +++++<br>154956 | 2666<br>404009 | 6757<br>832794 | 12982 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| cis-1,2-Dichloroethene | CBM | Ave | 1635<br>270104 | 3313<br>555041 | 11395<br>1422896 | 28790<br>2898443 | 54641 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Tetrahydrofuran | CBM | Ave | +++++<br>192551 | 2873<br>389393 | 7998<br>1013064 | 20196<br>2080594 | 39886 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chloroform | CBM | Ave | 2034<br>320439 | 3973<br>650077 | 13237<br>1656749 | 37322<br>3361656 | 67883 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,1-Trichloroethane | CBM | Ave | 1790<br>300739 | 3179<br>601165 | 12967<br>1532653 | 29194<br>3168588 | 55375 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Cyclohexane | CBM | Ave | 1260<br>236955 | 2625<br>503855 | 9961<br>1303042 | 21280<br>2738775 | 42613 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Carbon tetrachloride | CBM | Ave | 1409<br>289506 | 2502<br>593249 | 11428<br>1541499 | 28973<br>3196107 | 54014 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Benzene | DFBZ | Ave | 3345<br>471430 | 5461<br>961768 | 20836<br>2461683 | 54276<br>4965537 | 97314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichloroethane | DFBZ | Ave | 1358<br>223073 | 2616<br>451056 | 9230<br>1150575 | 25791<br>2302139 | 48066 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | 4420<br>792533 | 7765<br>1664662 | 30718<br>4286430 | 72721<br>8766575 | 143541 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Heptane | DFBZ | Ave | 770<br>155949 | 1624<br>328238 | 5787<br>870170 | 15022<br>1790299 | 29056 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1  Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59  Calibration End Date: 09/08/2025 02:41  Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Trichloroethene | DFBZ | Ave | 1554<br>181252 | 2140<br>373158 | 7439<br>963134 | 21324<br>1976023 | 38215 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>199566 | 2569<br>408839 | 8857<br>1060180 | 22964<br>2144663 | 41841 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>163208 | 1365<br>351854 | 6405<br>953897 | 15393<br>1990629 | 31107 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>73081 | 790<br>159520 | 2975<br>406951 | 4508<br>837964 | 10862 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromodichloromethane | DFBZ | Ave | 2472<br>352583 | 3615<br>707370 | 14594<br>1834486 | 41156<br>3730966 | 70948 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 1486<br>287802 | 3425<br>594075 | 11709<br>1599668 | 30963<br>3317150 | 56932 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ | Ave | 2292<br>394889 | 4376<br>847197 | 17345<br>2235001 | 27421<br>4585995 | 62595 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Toluene | CBZd5 | Ave | +++++<br>566915 | 7152<br>1143487 | 25777<br>2986593 | 64669<br>5988243 | 119024 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 1283<br>229179 | 2644<br>477201 | 9259<br>1296442 | 23970<br>2690711 | 47889 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++<br>200482 | 2118<br>401473 | 8185<br>1037272 | 22749<br>2097374 | 39328 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Tetrachloroethene | CBZd5 | Ave | +++++<br>231168 | +++++<br>469422 | 15270<br>1246936 | 27166<br>2552037 | 48251 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBZd5 | Ave | 1921<br>385122 | 3252<br>817952 | 16653<br>2155733 | 27736<br>4412094 | 64120 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Dibromochloromethane | CBZd5 | Ave | 1433<br>251797 | 2628<br>510197 | 10165<br>1367585 | 27418<br>2834643 | 50960 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dibromoethane | CBZd5 | Ave | 1541<br>296544 | 2988<br>596420 | 12359<br>1599340 | 33318<br>3274704 | 61152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Chlorobenzene | CBZd5 | Ave | 2790<br>416208 | 5321<br>840068 | 17968<br>2243671 | 47936<br>4512519 | 89031 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Ethylbenzene | CBZd5 | Ave | 4049<br>694330 | 7430<br>1450199 | 28451<br>3890799 | 75974<br>7807264 | 140729 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| m,p-Xylene | CBZd5 | Ave | 5940<br>1055613 | 11021<br>2199908 | 41051<br>6015080 | 108541<br>11768745 | 203996 | 0.0500<br>10.0 | 0.100<br>20.0 | 0.400<br>50.0 | 1.00<br>100 | 2.00 |
| o-Xylene | CBZd5 | Ave | 2682<br>528301 | 5496<br>1106625 | 20059<br>3051526 | 53780<br>6170123 | 103479 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Styrene | CBZd5 | Ave | 1623<br>400416 | 3758<br>834565 | 15594<br>2313198 | 38933<br>4692033 | 74172 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Bromoform | CBZd5 | Ave | 1380 | 2619 | 10851 | 29996 | 55660 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 460-335451-1 | Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004 | GC Column: Rtx-VMS 60 ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 | Calibration End Date: 09/08/2025 02:41 | Calibration ID: 76556

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 278524 | 565795 | 1589127 | 3312934 | | 5.00 | 10.0 | 25.0 | 50.0 | |
| Cumene | CBZd5 | Ave | 3071<br>684463 | 6726<br>1437792 | 25619<br>3940900 | 64319<br>7870684 | 130946 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 2145<br>449534 | 5364<br>906496 | 19345<br>2471808 | 46212<br>4972960 | 89199 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Propylbenzene | CBZd5 | Ave | 696<br>186166 | 2016<br>383701 | 7432<br>1070830 | 17602<br>2212612 | 33671 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Ethyltoluene | CBZd5 | Ave | 2581<br>715751 | 5617<br>1462828 | 28674<br>4176281 | 64664<br>8276627 | 130349 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 2-Chlorotoluene | CBZd5 | Ave | 807<br>171546 | 1865<br>350951 | 7473<br>963004 | 16666<br>2005826 | 32940 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 2097<br>560860 | 5037<br>1187786 | 23087<br>3218474 | 49445<br>6527926 | 103654 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| tert-Butylbenzene | CBZd5 | Ave | 3253<br>538106 | 4478<br>1117209 | 21624<br>3153350 | 45387<br>6394301 | 97090 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 2532<br>580420 | 5932<br>1225681 | 22602<br>3462380 | 49336<br>6929144 | 102128 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| sec-Butylbenzene | CBZd5 | Ave | 4299<br>822037 | 8034<br>1704659 | 33972<br>4839054 | 67603<br>9498943 | 148179 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 4-Isopropyltoluene | CBZd5 | Ave | 3267<br>640613 | 6904<br>1347751 | 27427<br>3907050 | 51196<br>7809161 | 110572 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 1812<br>375073 | 3685<br>761646 | 15317<br>2185648 | 36364<br>4431636 | 72443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 1461<br>374633 | 4236<br>760457 | 15714<br>2215777 | 37530<br>4499786 | 72936 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Benzyl chloride | CBZd5 | Ave | +++++<br>84084 | 875<br>183971 | 3665<br>569604 | 6668<br>1238937 | 14605 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| n-Butylbenzene | CBZd5 | Ave | 1729<br>349929 | 3565<br>750228 | 14426<br>2207406 | 25483<br>4498530 | 58529 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 1555<br>345777 | 3551<br>704149 | 15179<br>2071349 | 31394<br>4226204 | 64839 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>239097 | +++++<br>500941 | 7396<br>1523588 | 18996<br>3179453 | 43067 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Hexachlorobutadiene | CBZd5 | Ave | 1120<br>196075 | 2293<br>404122 | 10113<br>1252156 | 15691<br>2579118 | 37219 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |
| Naphthalene | CBZd5 | Ave | +++++<br>579652 | +++++<br>1259545 | 16982<br>3686814 | 44681<br>7588783 | 93859 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Lims ID: IC Cal 0.025ppb
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Sep-2025 22:59:10 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.025PPB
Misc. Info.: 410-0158855-003
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:46:48 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 08-Sep-2025 15:19:59

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.333 | 3.304 | 0.029 | 71 | 1013 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.397 | 3.376 | 0.021 | 44 | 2266 | 0.0250 | 0.0298 | |
| 3 Chlorodifluoromethane | 51 | 3.433 | 3.412 | 0.021 | 25 | 994 | 0.0250 | 0.0231 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.662 | 3.641 | 0.021 | 17 | 1439 | 0.0250 | 0.0213 | |
| 5 Chloromethane | 50 | 3.784 | 3.770 | 0.014 | 30 | 1441 | 0.0250 | 0.0530 | M |
| 124 Butane | 43 | 4.020 | 4.006 | 0.014 | 47 | 1868 | 0.0250 | 0.0366 | M |
| 6 Vinyl chloride | 62 | 4.035 | 4.013 | 0.022 | 18 | 615 | 0.0250 | 0.0222 | |
| 7 Butadiene | 54 | 4.106 | 4.092 | 0.014 | 34 | 484 | 0.0250 | 0.0226 | M |
| 10 Vinyl bromide | 106 | 5.288 | 5.274 | 0.014 | 48 | 785 | 0.0250 | 0.0293 | |
| 13 Dichlorofluoromethane | 67 | 5.346 | 5.331 | 0.015 | 28 | 2071 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.424 | 5.403 | 0.021 | 21 | 1624 | 0.0250 | 0.0235 | |
| 11 Pentane | 43 | 5.604 | 5.582 | 0.022 | 59 | 2237 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.356 | 6.349 | 0.007 | 12 | 1320 | 0.0250 | 0.0282 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.384 | 6.370 | 0.014 | 15 | 1139 | 0.0250 | 0.0330 | |
| 23 Acetone | 43 | 6.406 | 6.377 | 0.029 | 78 | 3348 | 0.0250 | 0.0678 | M |
| 20 Isopropyl alcohol | 45 | 6.614 | 6.592 | 0.022 | 53 | 1576 | 0.0250 | 0.0431 | M |
| 17 Carbon disulfide | 76 | 6.771 | 6.757 | 0.014 | 37 | 3109 | 0.0250 | 0.0314 | |
| 21 3-Chloro-1-propene | 41 | 6.986 | 6.972 | 0.014 | 46 | 1787 | 0.0250 | 0.0392 | Ma |
| 22 Methylene Chloride | 84 | 7.201 | 7.187 | 0.014 | 53 | 1010 | 0.0250 | 0.0386 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 46 | 390 | 0.0285 | 0.0129 | M |
| 31 Acrylonitrile | 53 | 7.566 | 7.531 | 0.035 | 40 | 480 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 27 | 1724 | 0.0250 | 0.0241 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.674 | 7.659 | 0.015 | 30 | 1297 | 0.0250 | 0.0261 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 55 | 863 | 0.0250 | 0.0336 | |
| 30 1,1-Dichloroethane | 63 | 8.361 | 8.347 | 0.014 | 1 | 1752 | 0.0250 | 0.0289 | |
| 29 Isopropyl ether | 45 | 8.411 | 8.390 | 0.021 | 64 | 2326 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.985 | 8.963 | 0.022 | 65 | 1536 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 9.250 | 9.235 | 0.015 | 5 | 1635 | 0.0250 | 0.0290 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.622 | 9.608 | 0.014 | 90 | 332307 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 9.765 | 9.751 | 0.014 | 46 | 2034 | 0.0250 | 0.0299 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 12 | 1790 | 0.0250 | 0.0298 | |
| 36 Cyclohexane | 56 | 10.195 | 10.188 | 0.007 | 51 | 1260 | 0.0250 | 0.0266 | |
| 40 Carbon tetrachloride | 117 | 10.317 | 10.303 | 0.014 | 41 | 1409 | 0.0250 | 0.0254 | M |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 547440 | NC | NC | |
| 46 Benzene | 78 | 10.603 | 10.589 | 0.014 | 3 | 3345 | 0.0250 | 0.0328 | M |
| 48 1,2-Dichloroethane | 62 | 10.668 | 10.654 | 0.014 | 23 | 1358 | 0.0250 | 0.0289 | |
| 47 Tert-amyl methyl ether | 73 | 10.790 | 10.768 | 0.022 | 23 | 2160 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 77 | 4420 | 0.0250 | 0.0283 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 13 | 770 | 0.0250 | 0.0250 | |
| * 50 1,4-Difluorobenzene | 114 | 11.227 | 11.212 | 0.015 | 96 | 1261911 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 33 | 1554 | 0.0250 | 0.0383 | |
| 53 1,2-Dichloropropane | 63 | 11.936 | 11.929 | 0.007 | 33 | 1898 | 0.0250 | 0.0447 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 61 | 1354 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 11 | 2472 | 0.0250 | 0.0332 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.752 | 12.745 | 0.007 | 29 | 1486 | 0.0250 | 0.0249 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 43 | 2292 | 0.0250 | 0.0292 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1378933 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 50 | 5075 | 0.0250 | 0.0416 | |
| 58 n-Octane | 43 | 13.239 | 13.240 | -0.001 | 69 | 2578 | NC | NC | M |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 49 | 1283 | 0.0250 | 0.0262 | |
| 64 1,1,2-Trichloroethane | 97 | 13.555 | 13.548 | 0.007 | 28 | 1662 | 0.0250 | 0.0406 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 67 | 2746 | 0.0250 | 0.0522 | |
| 67 2-Hexanone | 43 | 13.734 | 13.719 | 0.015 | 42 | 1921 | 0.0250 | 0.0258 | M |
| 65 Chlorodibromomethane | 127 | 13.941 | 13.934 | 0.007 | 26 | 1433 | 0.0250 | 0.0272 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 56 | 1541 | 0.0250 | 0.0251 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 90 | 1185119 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 11 | 2790 | 0.0250 | 0.0302 | |
| 70 Ethylbenzene | 91 | 14.557 | 14.558 | -0.001 | 43 | 4049 | 0.0250 | 0.0275 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.557 | 14.558 | -0.001 | 20 | 1434 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 79 | 5940 | 0.0500 | 0.0543 | a |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 51 | 2682 | 0.0250 | 0.0247 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 45 | 1623 | 0.0250 | 0.0206 | |
| 75 Bromoform | 173 | 15.181 | 15.174 | 0.007 | 41 | 1380 | 0.0250 | 0.0242 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 1 | 3071 | 0.0250 | 0.0226 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.481 | 15.482 | -0.001 | 1 | 2145 | 0.0250 | 0.0230 | |
| 83 1,2,3-Trichloropropane | 110 | 15.546 | 15.539 | 0.007 | 26 | 505 | NC | NC | Ma |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 74 | 1263 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 41 | 696 | 0.0250 | 0.0188 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.661 | 0.007 | 52 | 2581 | 0.0250 | 0.0190 | M |
| 81 2-Chlorotoluene | 126 | 15.675 | 15.668 | 0.007 | 61 | 807 | 0.0250 | 0.0229 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 18 | 2097 | 0.0250 | 0.0193 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 43 | 1012 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 57 | 3253 | 0.0250 | 0.0300 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 15 | 2532 | 0.0250 | 0.0220 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 57 | 4299 | 0.0250 | 0.0261 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 58 | 3267 | 0.0250 | 0.0250 | M |
| 89 1,3-Dichlorobenzene | 146 | 16.226 | 16.227 | -0.001 | 40 | 1812 | 0.0250 | 0.0238 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 43 | 1461 | 0.0250 | 0.0190 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 60 | 1729 | 0.0250 | 0.0245 | |
| 94 1,2-Dichlorobenzene | 146 | 16.577 | 16.578 | -0.001 | 45 | 1555 | 0.0250 | 0.0220 | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.186 | 17.179 | 0.007 | 17 | 821 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.888 | 17.881 | 0.007 | 1 | 676 | 0.0250 | 0.0142 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 17 | 1120 | 0.0250 | 0.0261 | |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 22 | 2127 | 0.0250 | 0.0188 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 2932 | 0.0500 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.0500 | 0.0511 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 8622 | 0.0750 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 10.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:46:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

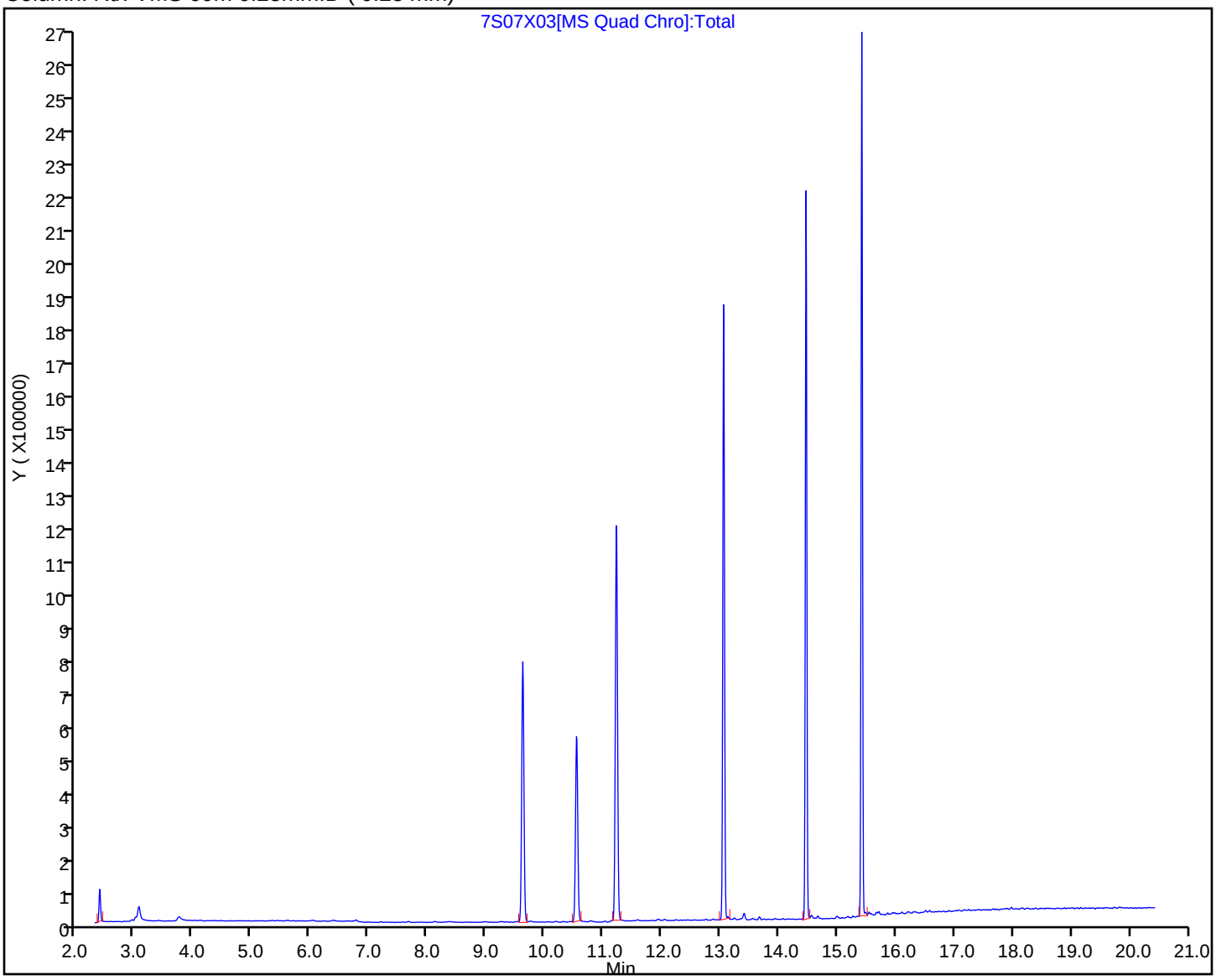
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

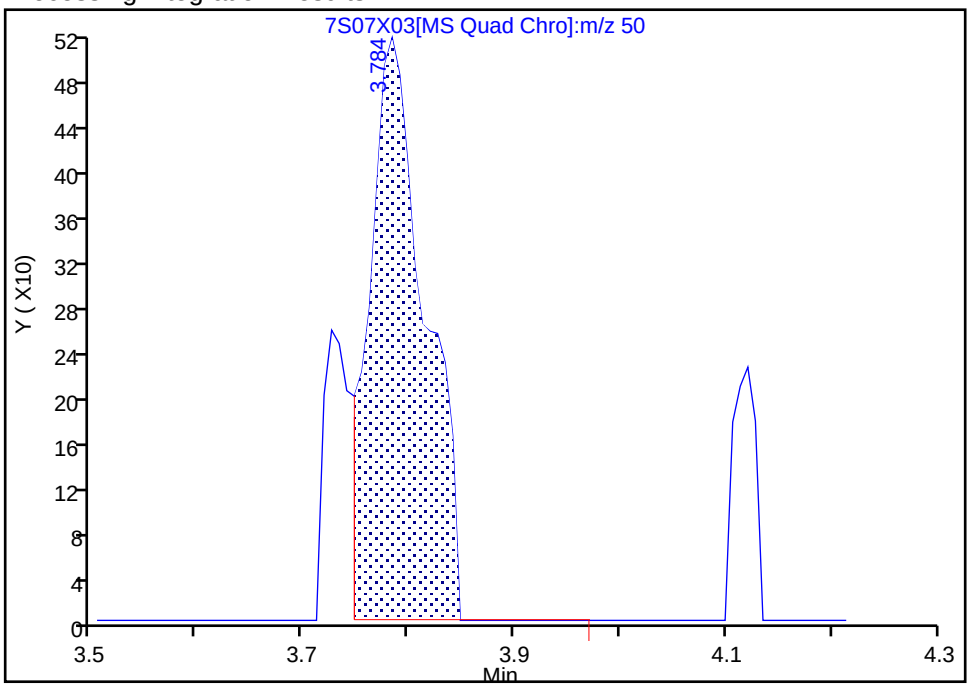
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

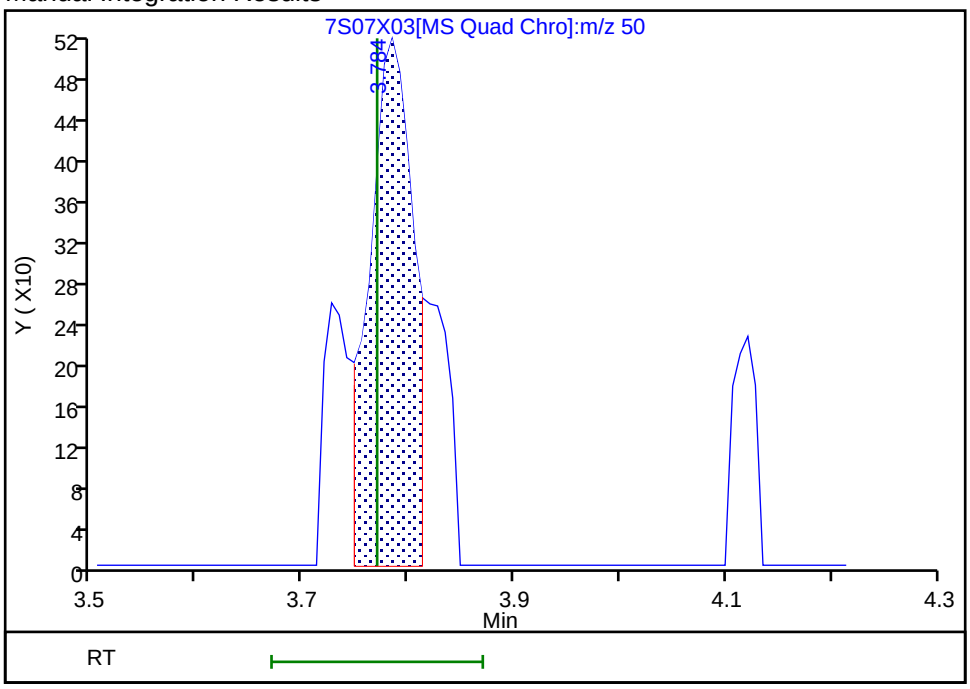
Processing Integration Results

RT: 3.78
Area: 1888
Amount: 0.052778
Amount Units: ppb v/v




Manual Integration Results

RT: 3.78
Area: 1441
Amount: 0.053005
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:15 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

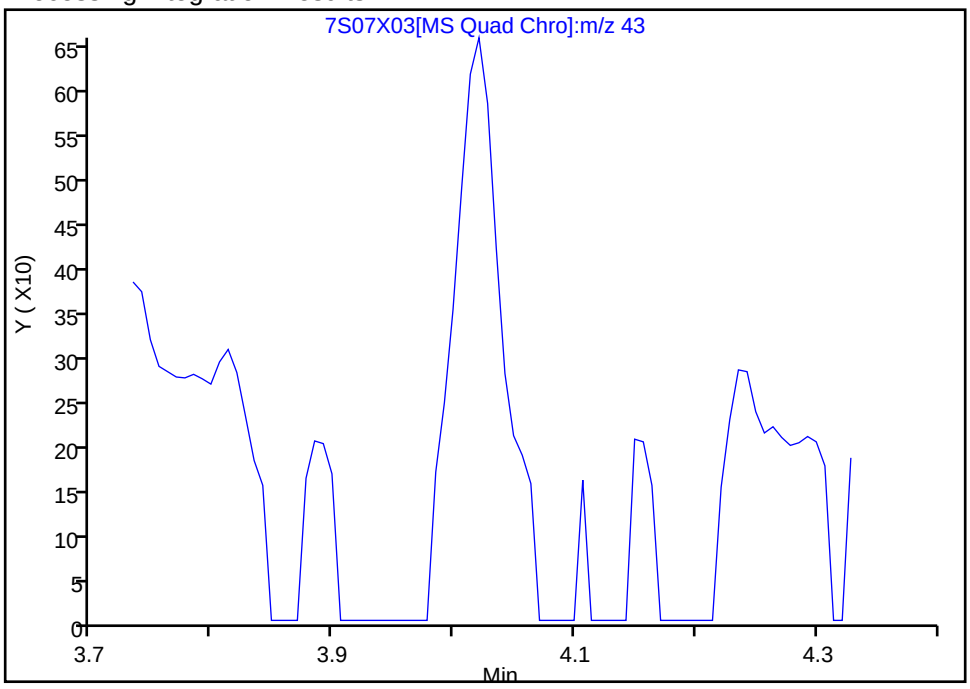
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

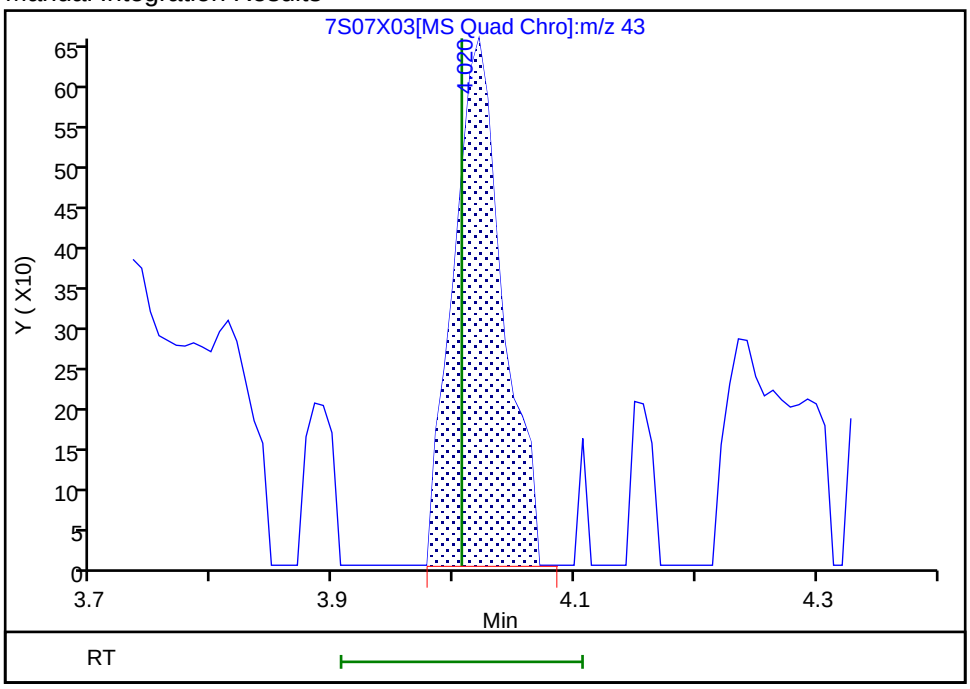
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.02
Area: 1868
Amount: 0.036611
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:08:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

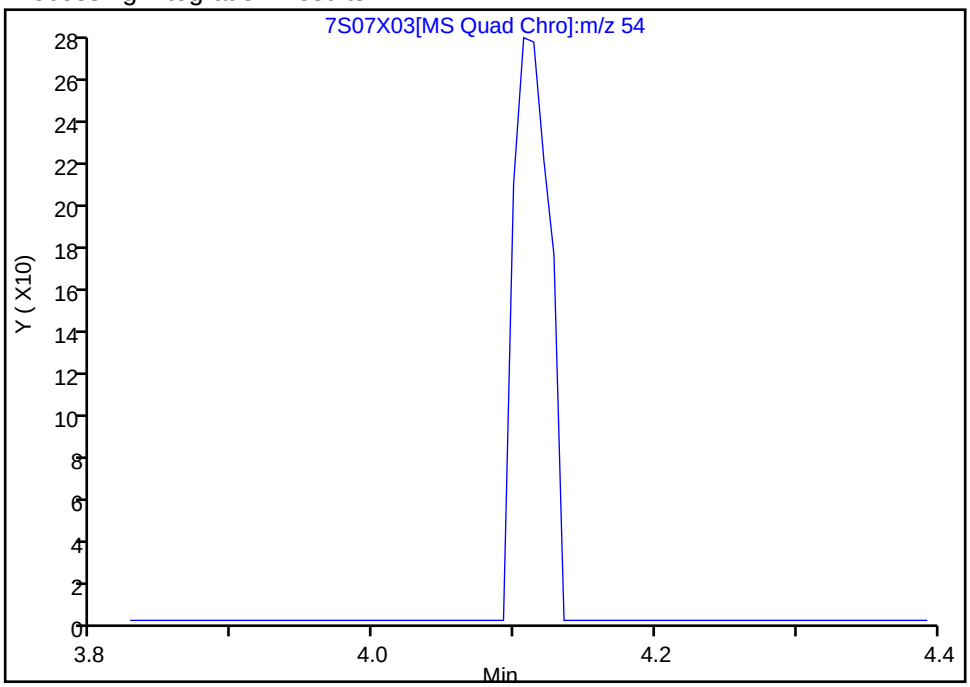
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

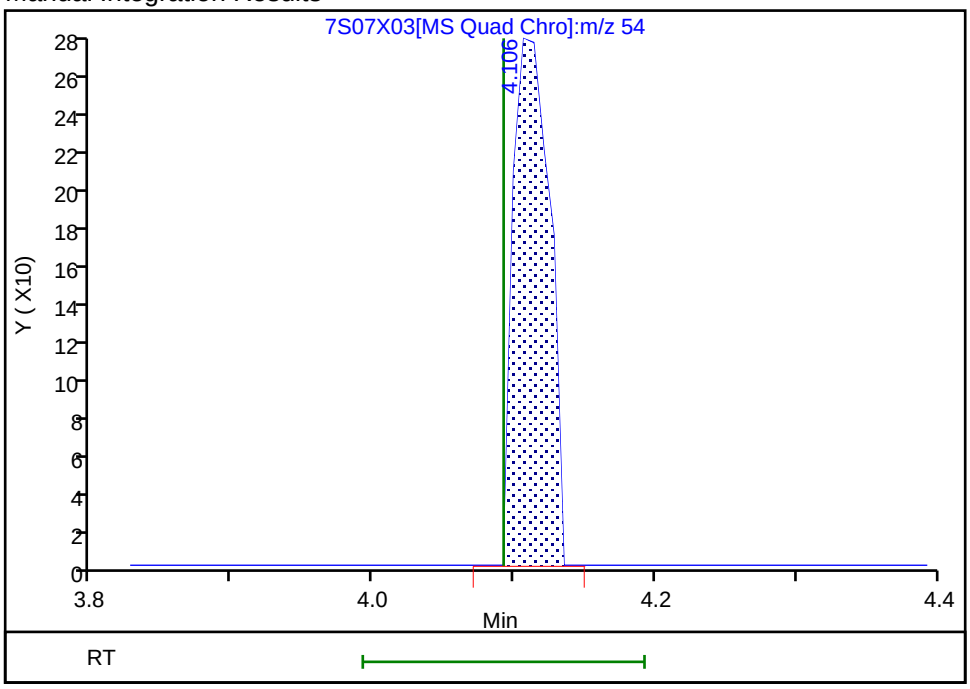
Not Detected
Expected RT: 4.09

Processing Integration Results




Manual Integration Results

RT: 4.11
Area: 484
Amount: 0.022557
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:29:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

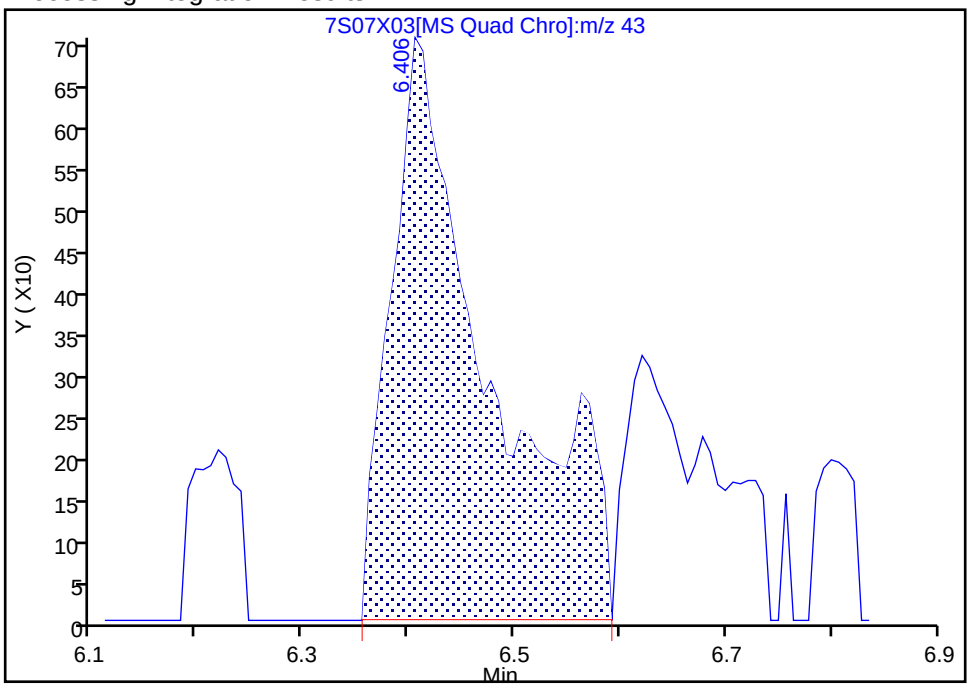
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

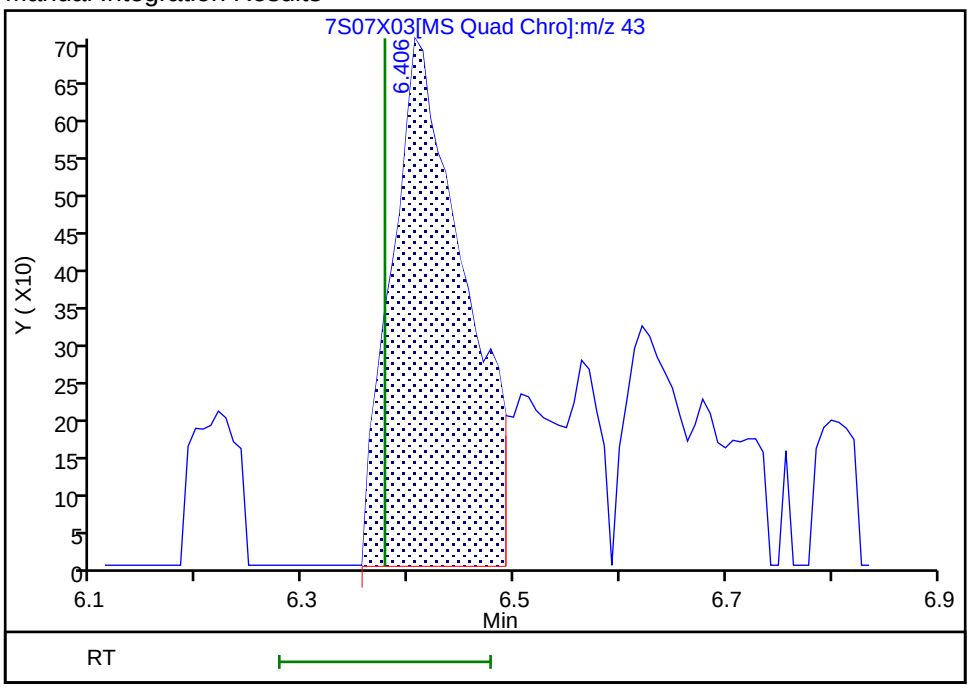
Processing Integration Results

RT: 6.41
Area: 4568
Amount: 0.067000
Amount Units: ppb v/v




Manual Integration Results

RT: 6.41
Area: 3348
Amount: 0.067802
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

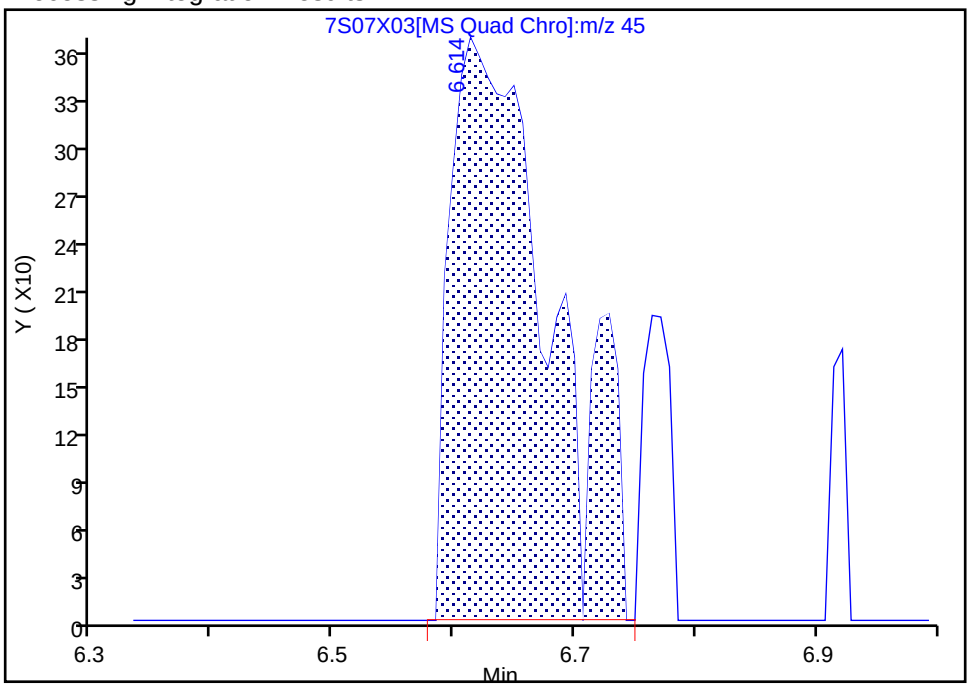
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

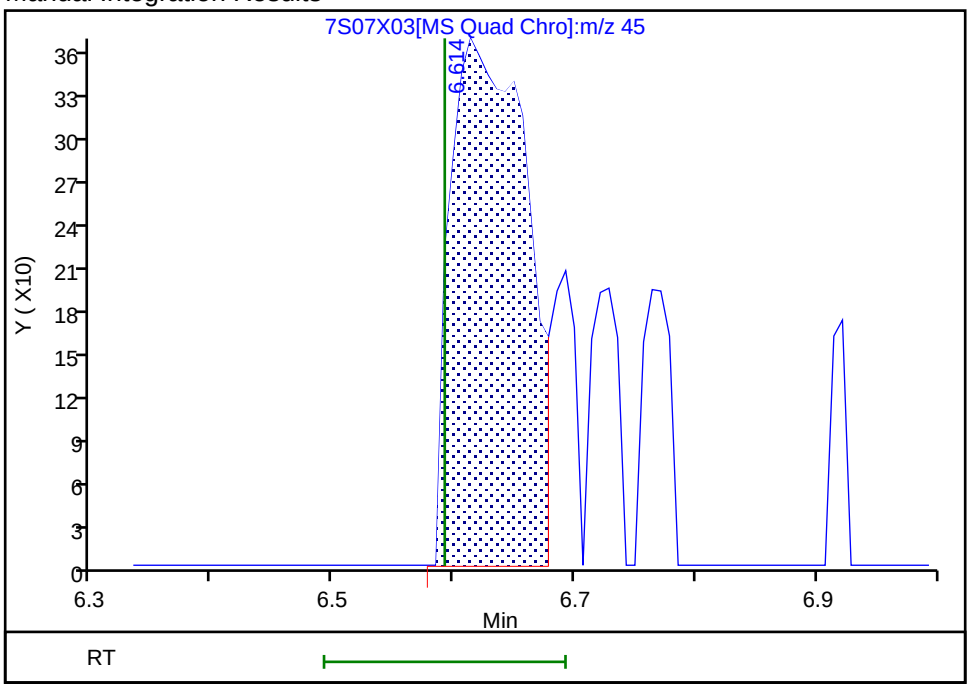
Processing Integration Results

RT: 6.61
Area: 2146
Amount: 0.051321
Amount Units: ppb v/v




Manual Integration Results

RT: 6.61
Area: 1576
Amount: 0.043122
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:24:52 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

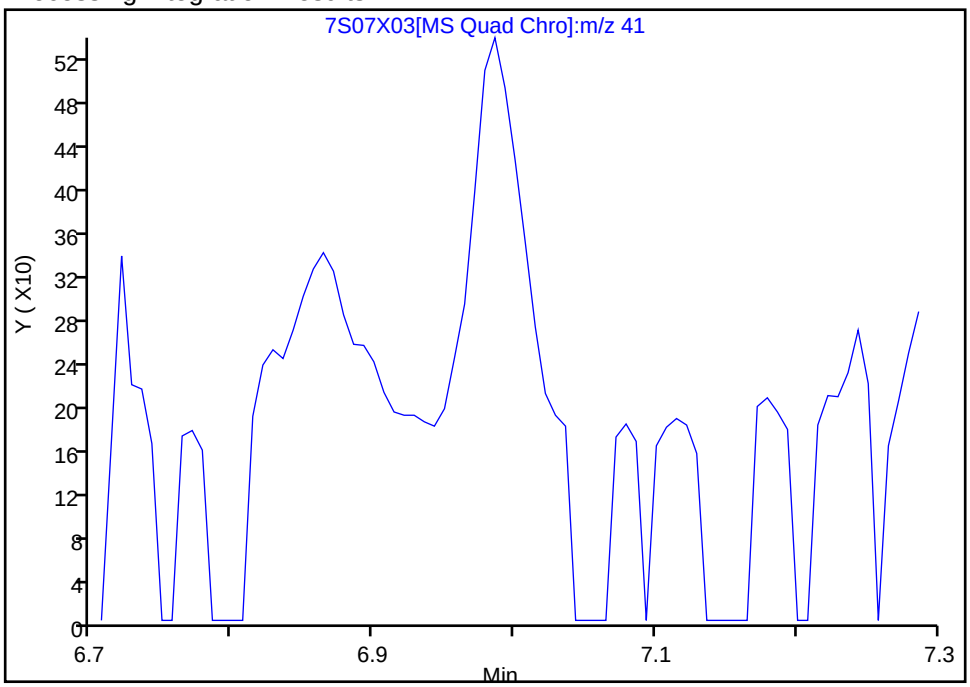
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

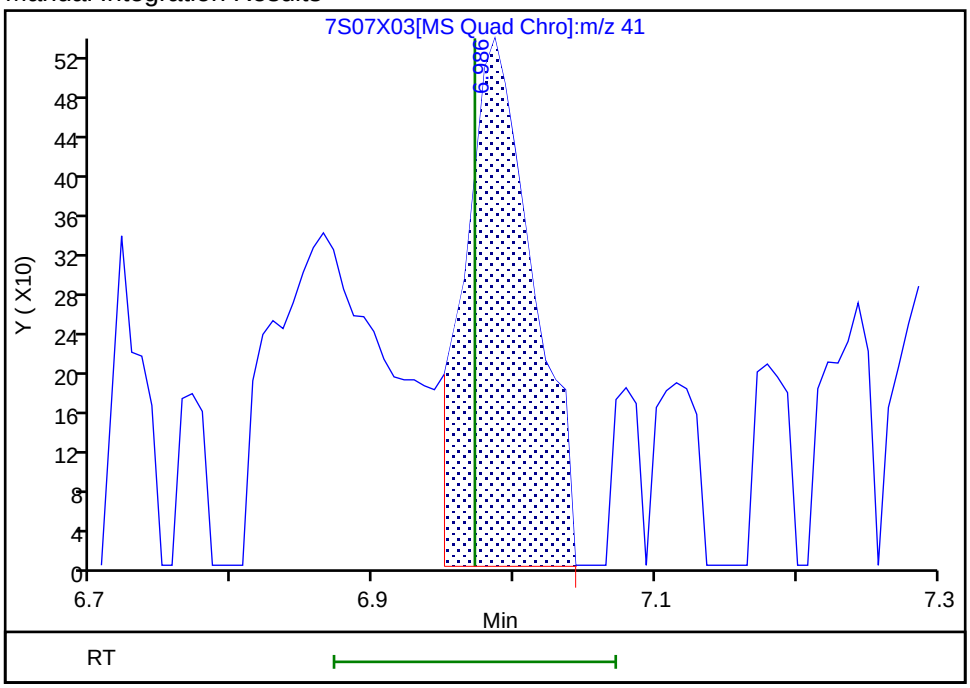
Not Detected
Expected RT: 6.97

Processing Integration Results




Manual Integration Results

RT: 6.99
Area: 1787
Amount: 0.039217
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:25:08 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

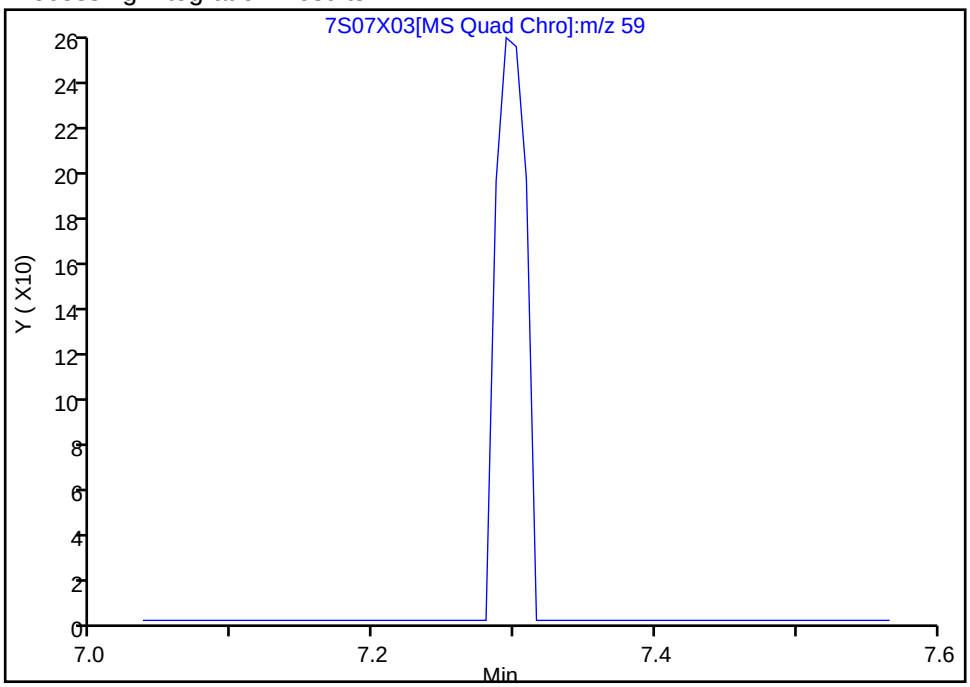
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

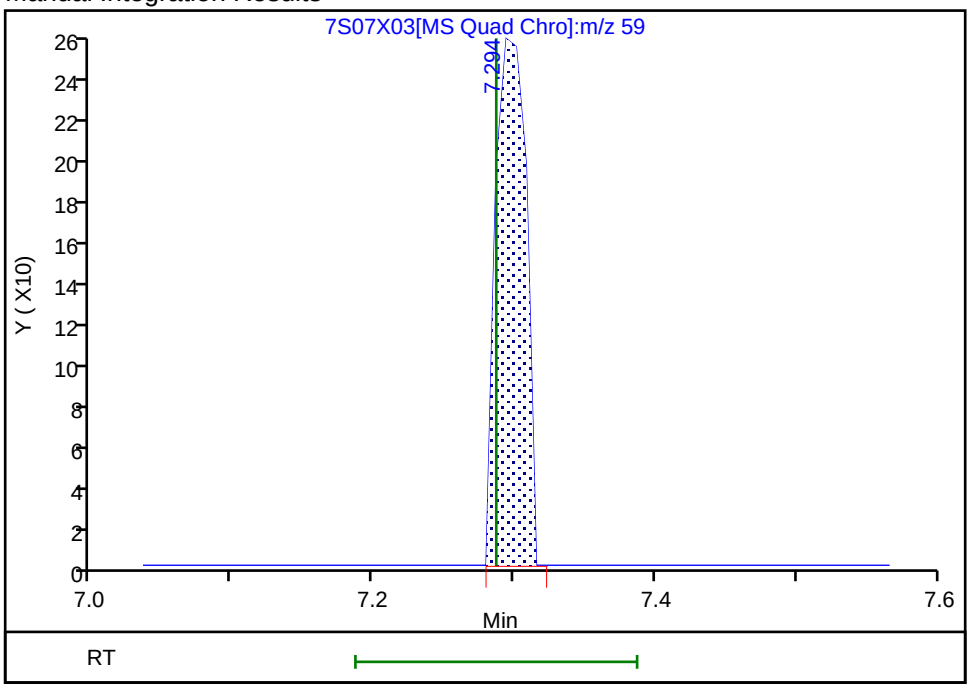
Processing Integration Results

Not Detected
Expected RT: 7.29




Manual Integration Results

RT: 7.29
Area: 390
Amount: 0.012866
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:25:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

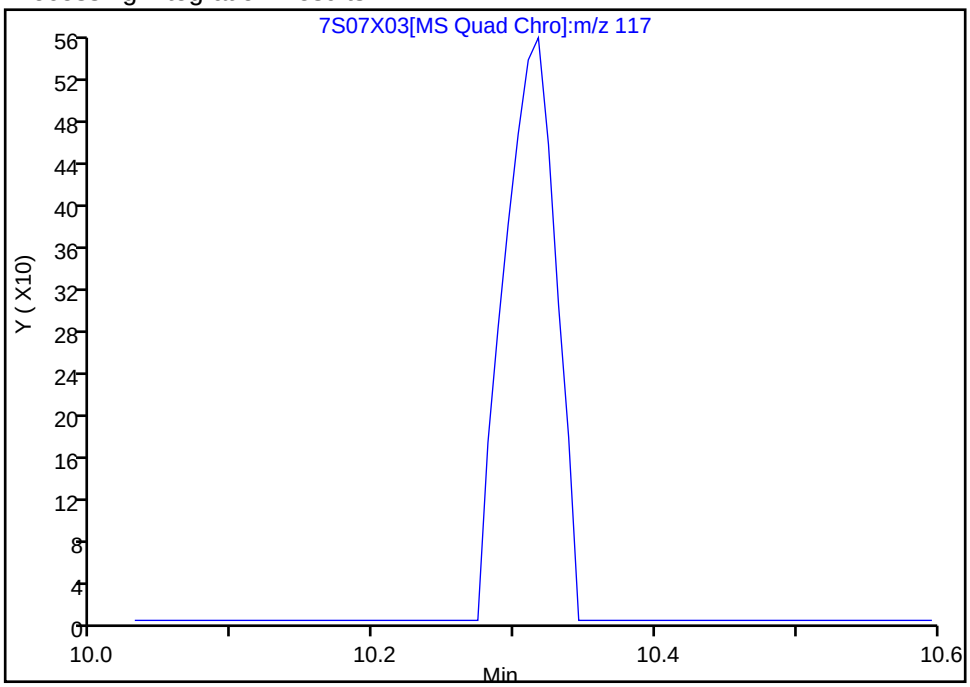
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

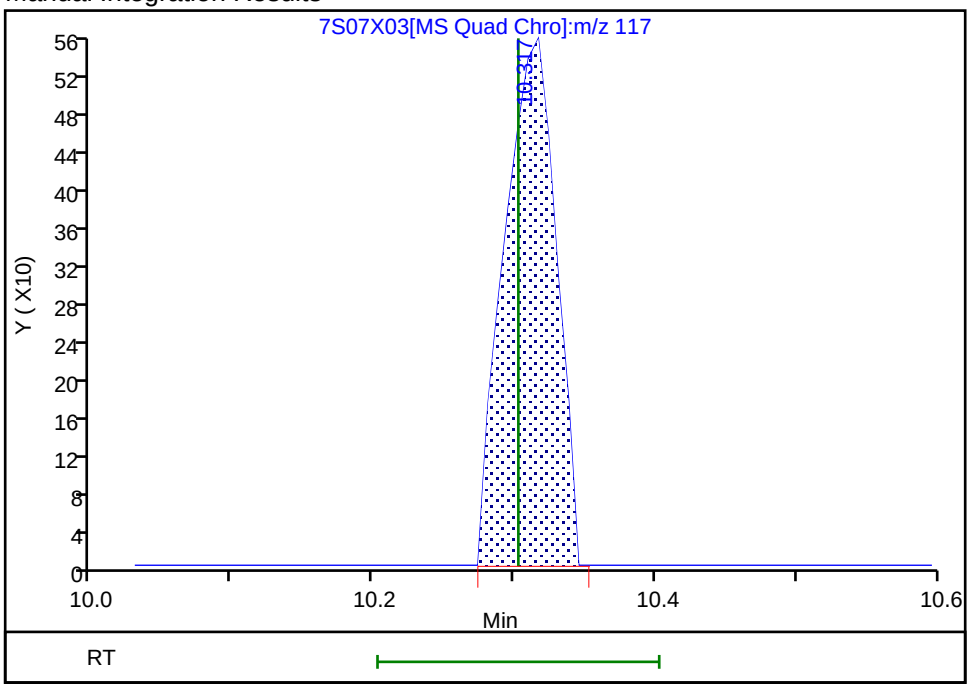
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.32
Area: 1409
Amount: 0.025372
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:26:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

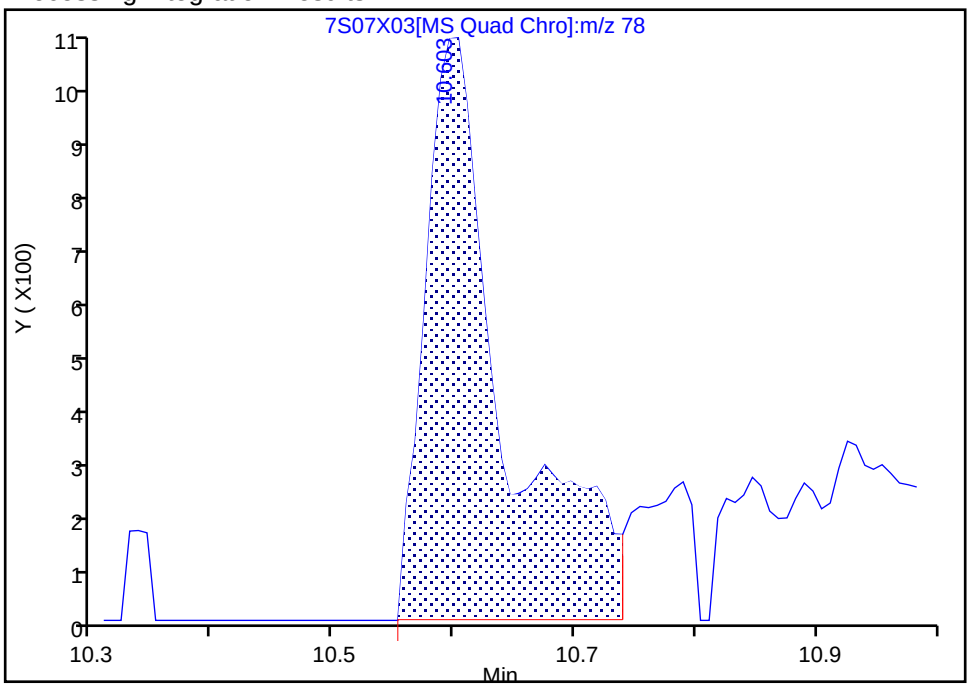
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2

Signal: 1

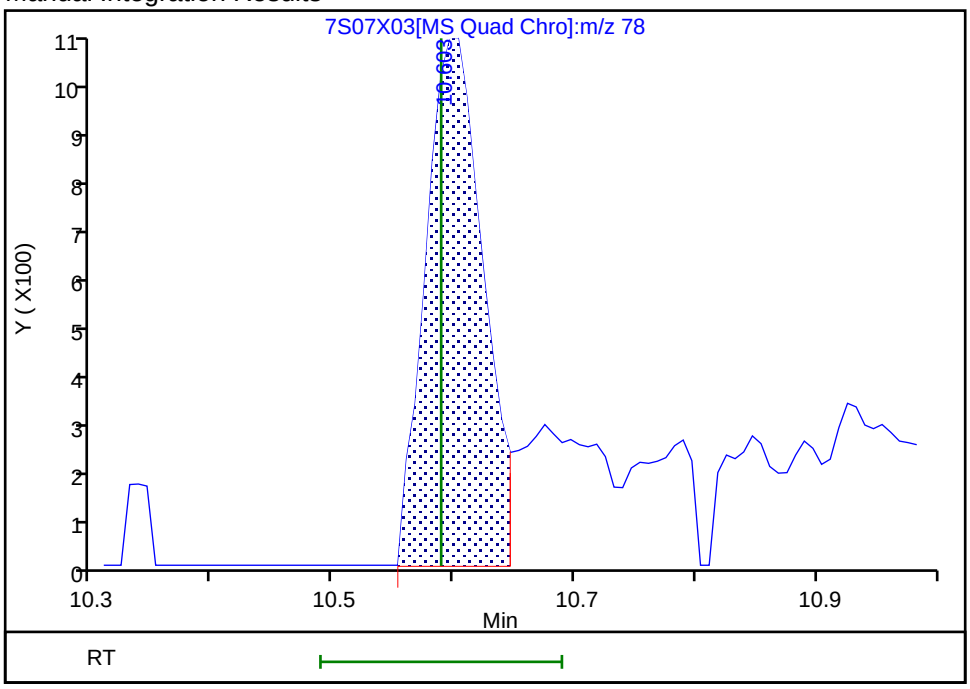
Processing Integration Results

RT: 10.60
Area: 4612
Amount: 0.042843
Amount Units: ppb v/v




Manual Integration Results

RT: 10.60
Area: 3345
Amount: 0.032788
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:26:34 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

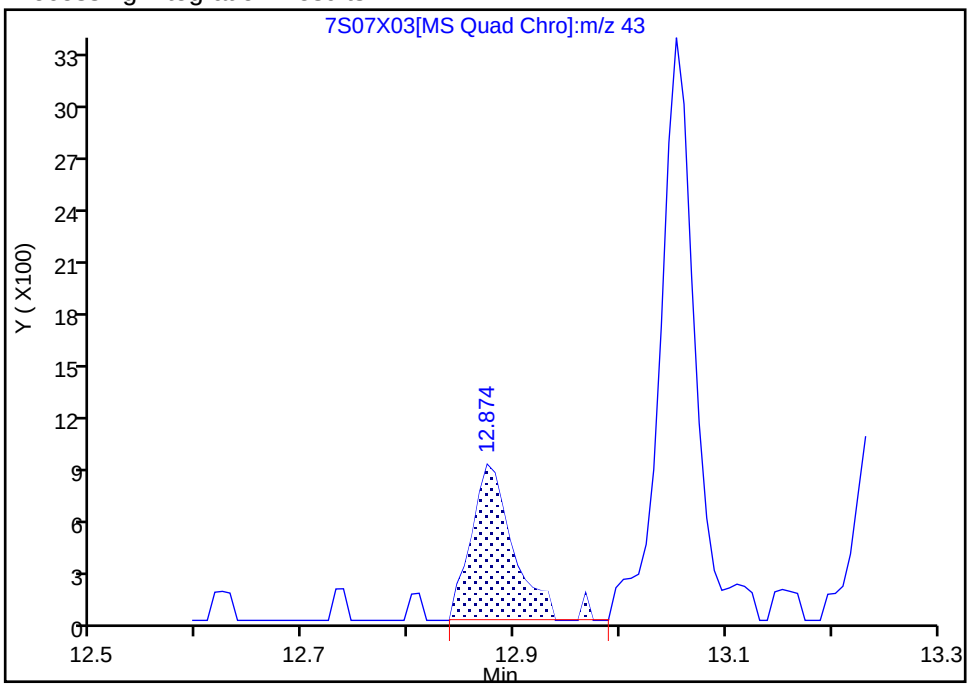
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

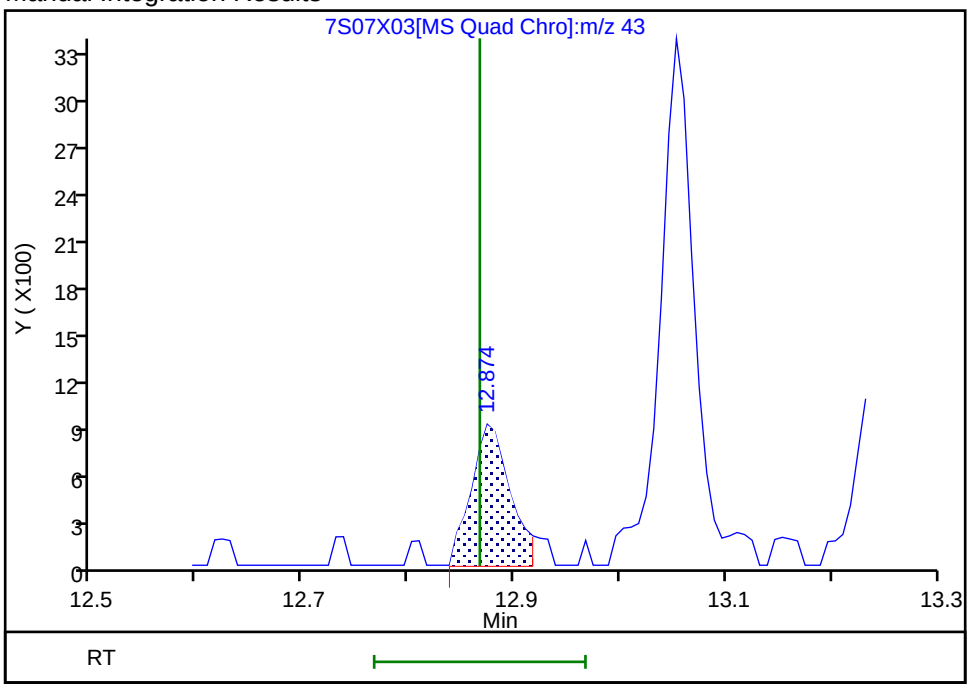
Processing Integration Results

RT: 12.87
Area: 2549
Amount: 0.030969
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 2292
Amount: 0.029167
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:01:20 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

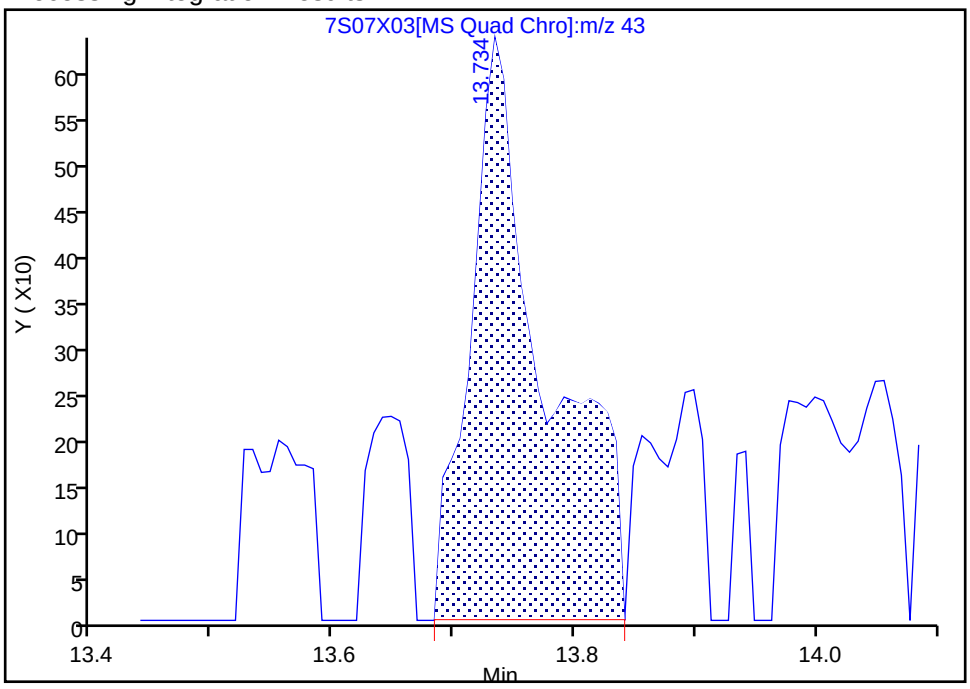
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

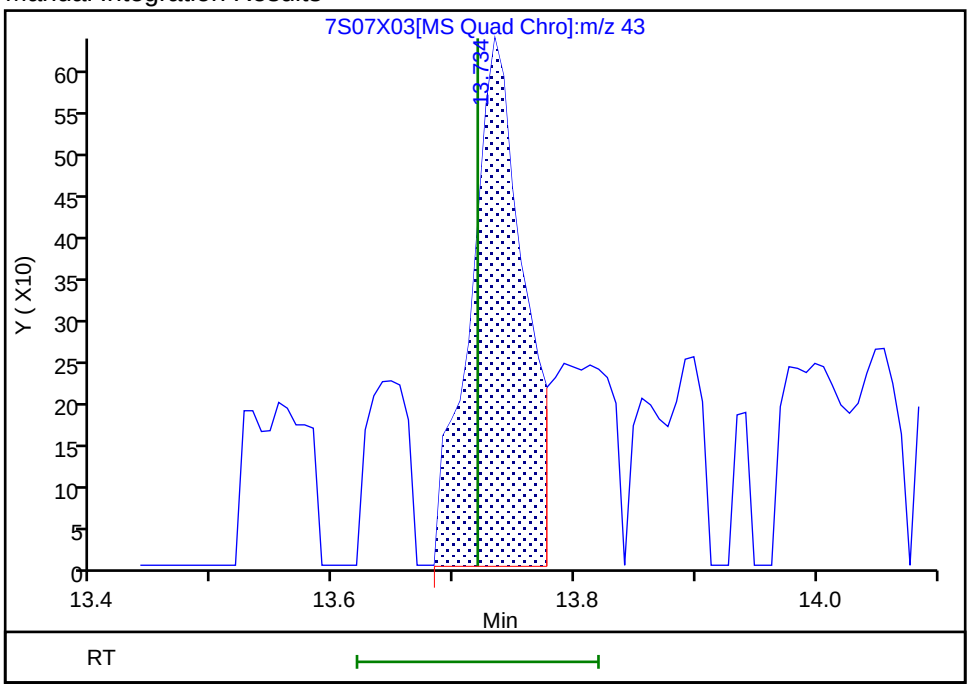
Processing Integration Results

RT: 13.73
Area: 2758
Amount: 0.033312
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 1921
Amount: 0.025846
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:27:37 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

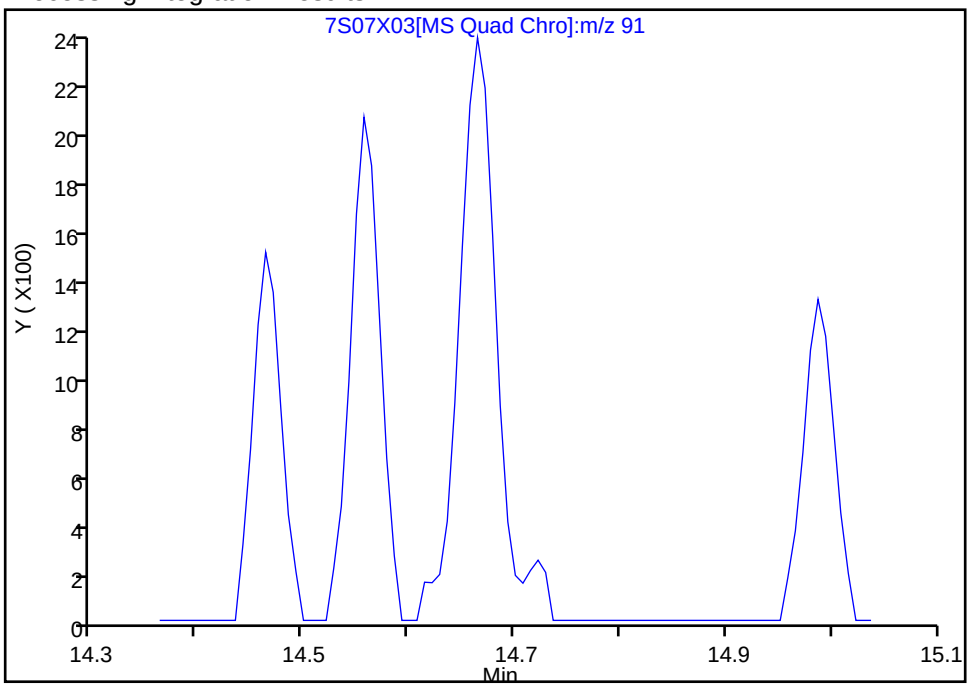
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

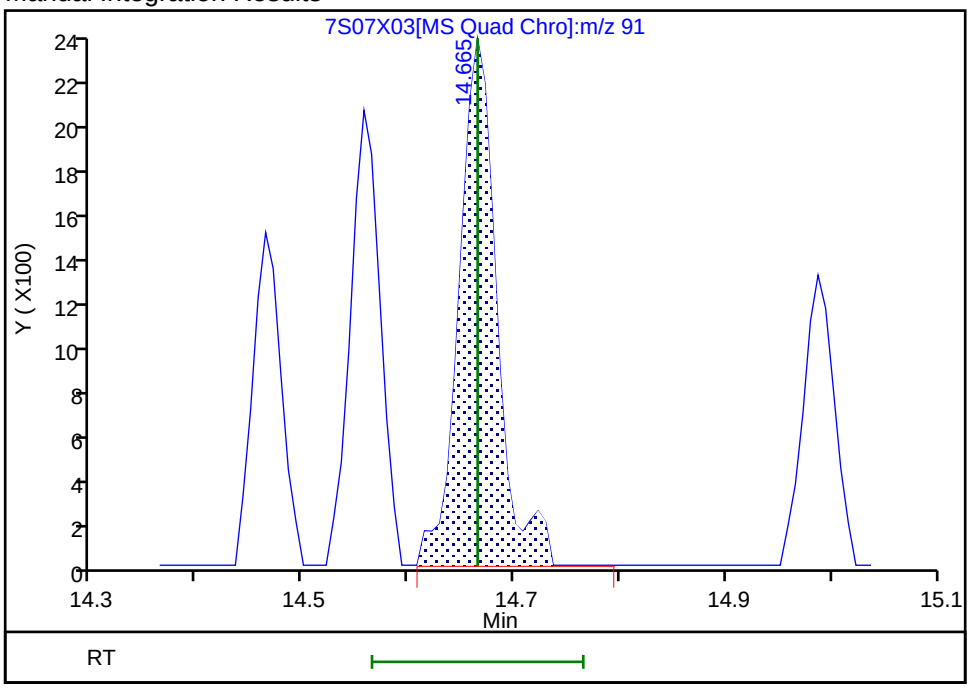
Not Detected
Expected RT: 14.66

Processing Integration Results




Manual Integration Results

RT: 14.66
Area: 5940
Amount: 0.054330
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:27:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

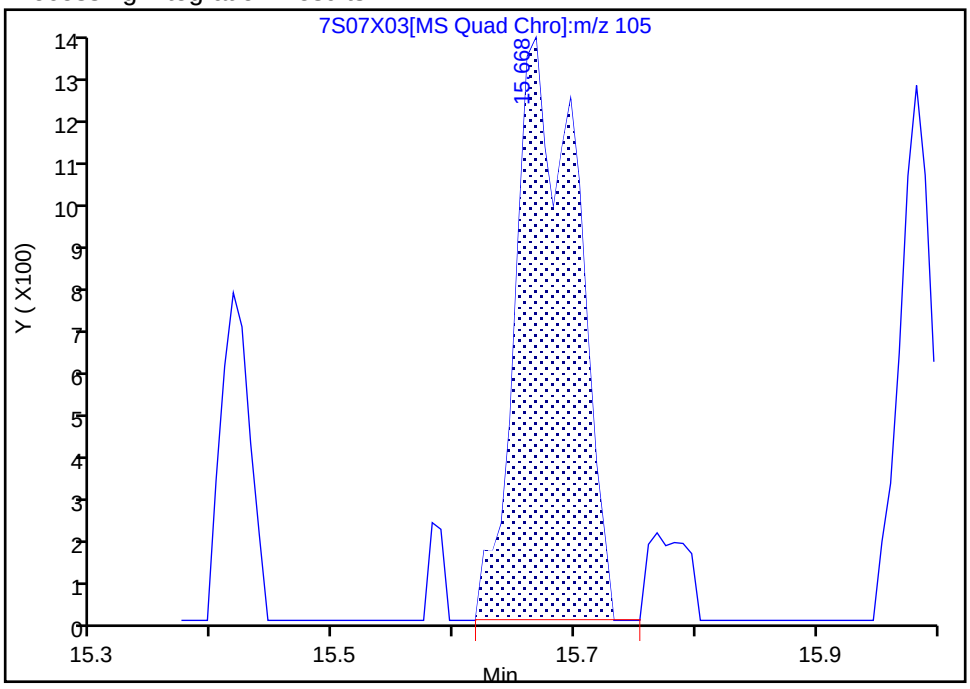
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

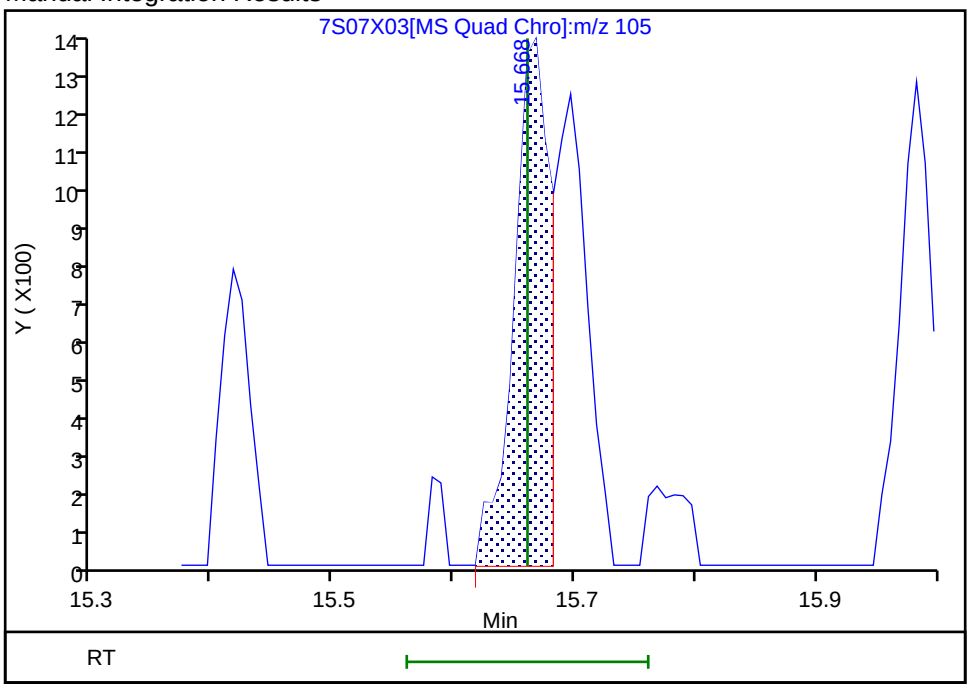
Processing Integration Results

RT: 15.67
Area: 4679
Amount: 0.032205
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 2581
Amount: 0.018983
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:28 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

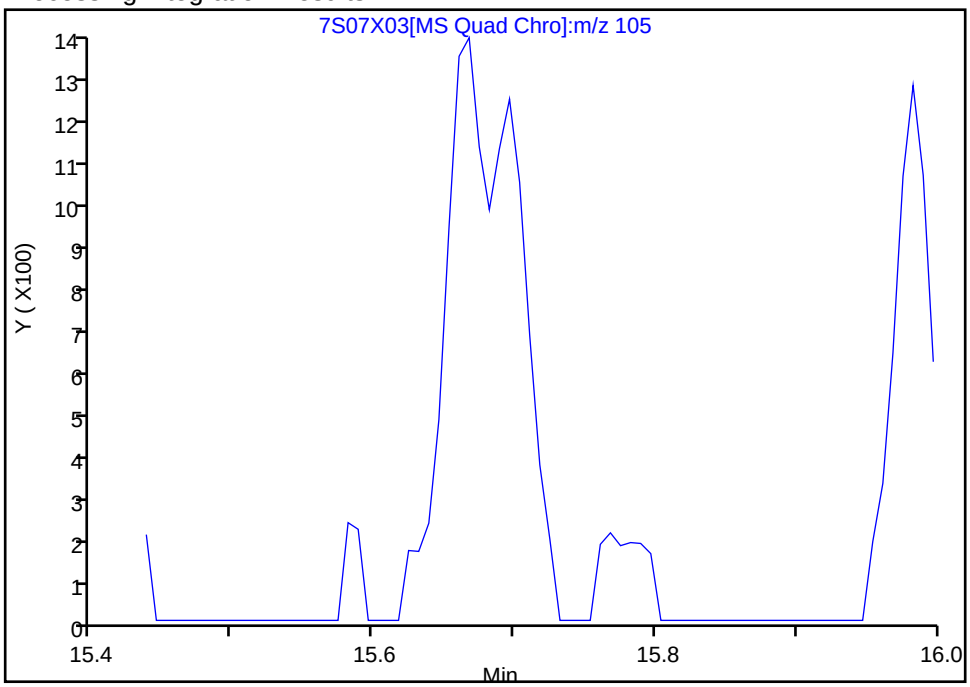
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

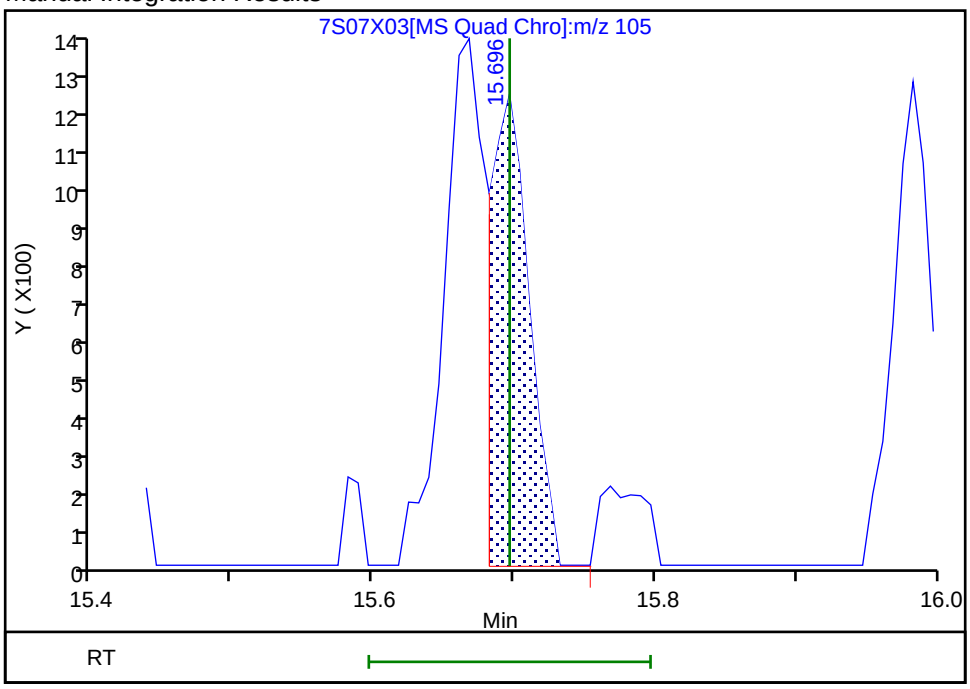
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 2097
Amount: 0.019266
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

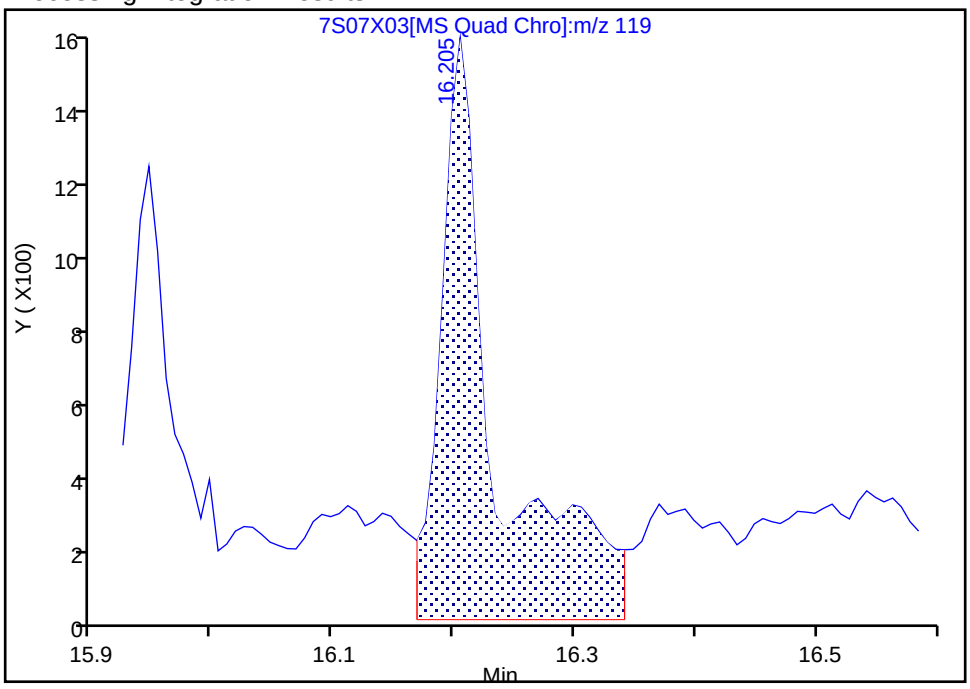
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

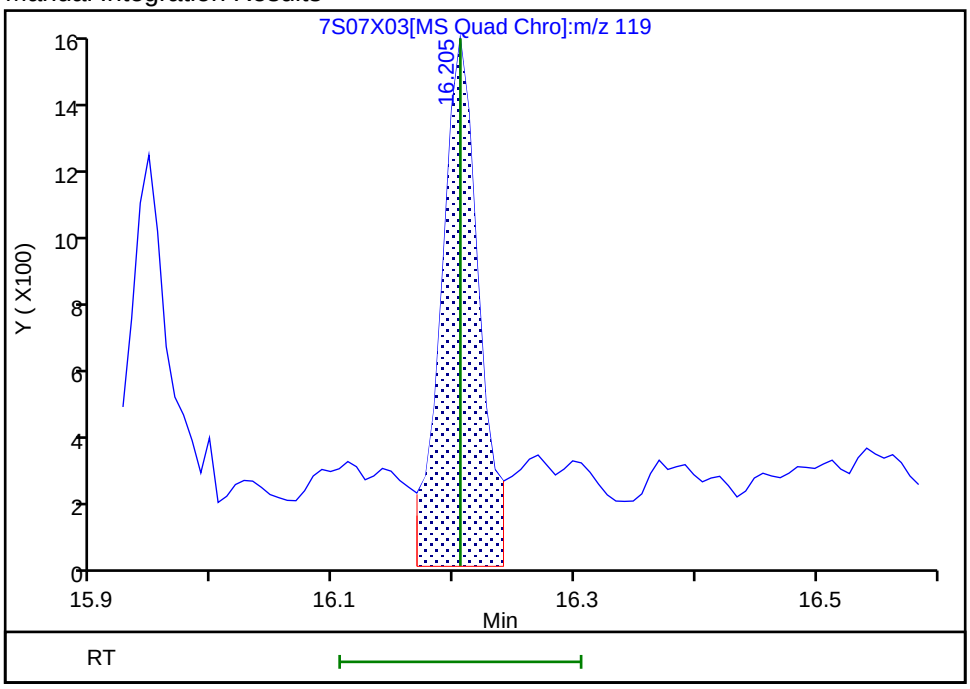
Processing Integration Results

RT: 16.20
Area: 4865
Amount: 0.034923
Amount Units: ppb v/v




Manual Integration Results

RT: 16.20
Area: 3267
Amount: 0.024953
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:28:56 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

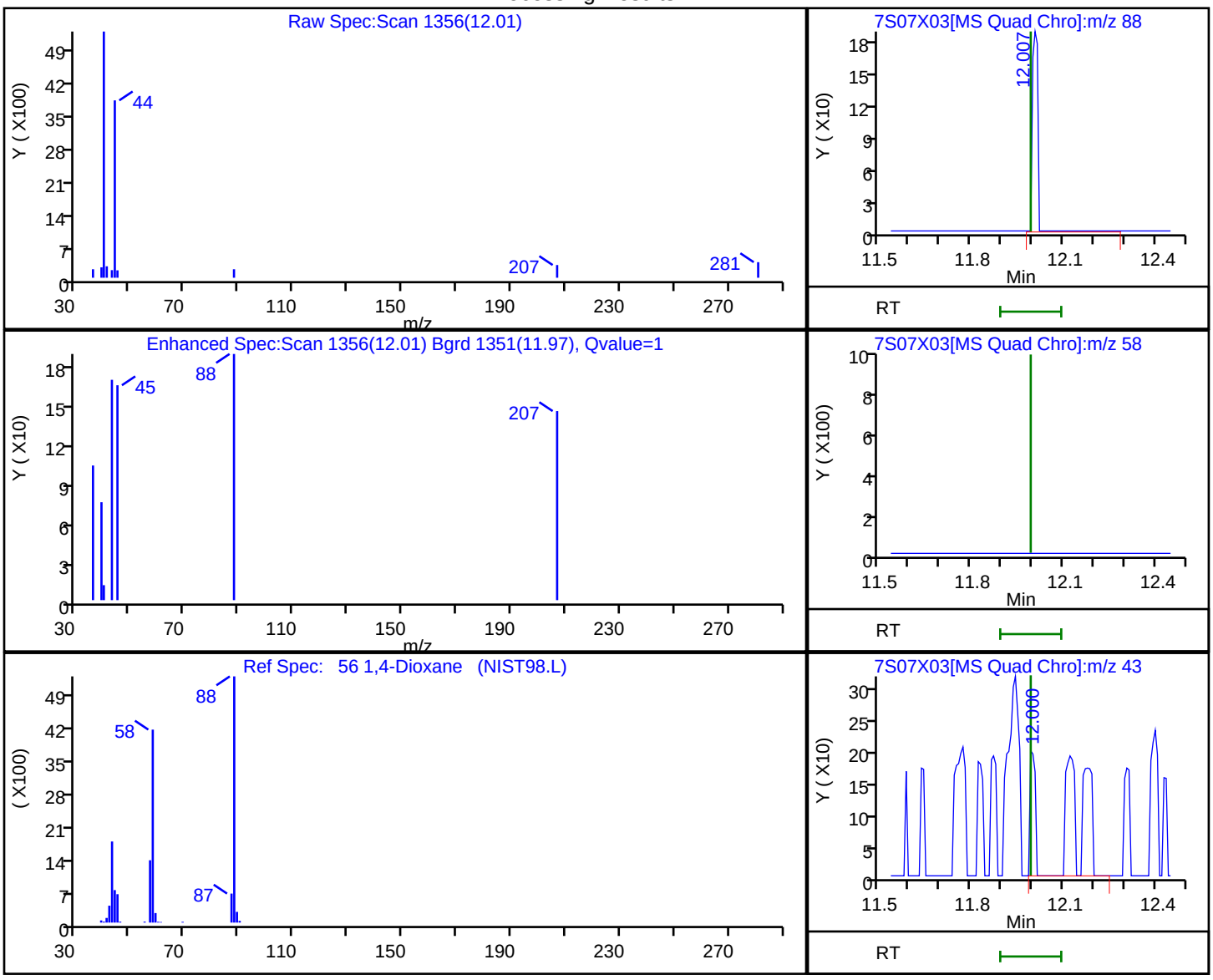
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.01 | 88.00 | 218 | 0.016460 |
| 11.99 | 58.00 | 0 | |
| 12.00 | 43.00 | 960 | |

Reviewer: D7UM, 10-Sep-2025 10:02:07 -04:00:00 (UTC)

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

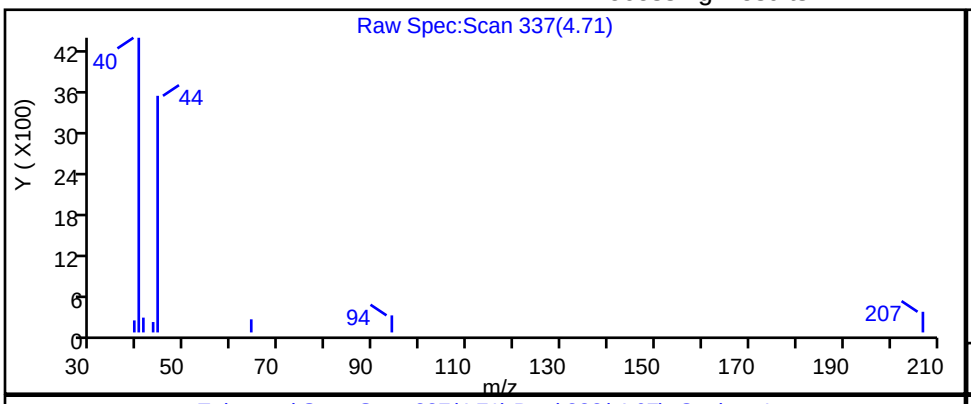
User Disabled Compound Report

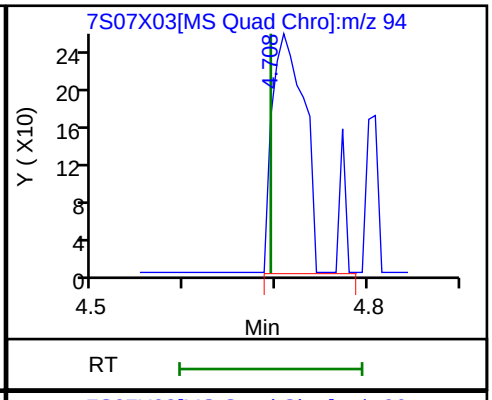
Eurofins Lancaster Laboratories Environment Testing, LLC

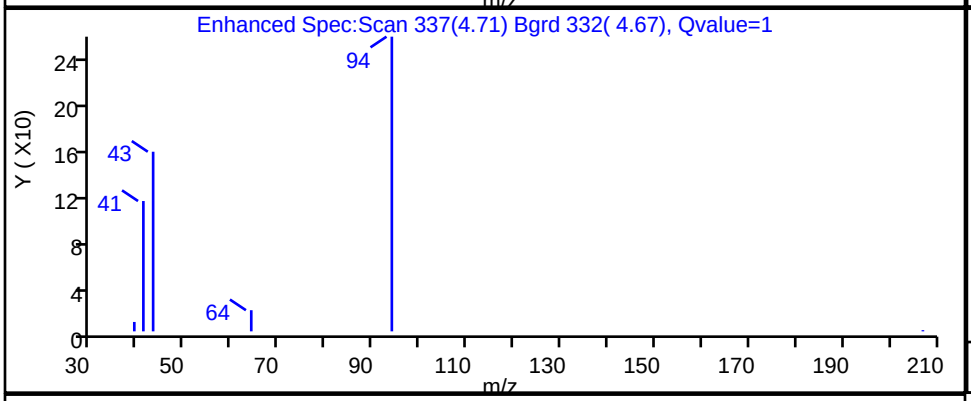
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

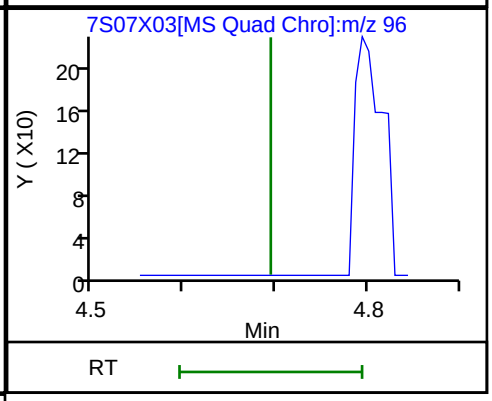
## 8 Bromomethane, CAS: 74-83-9

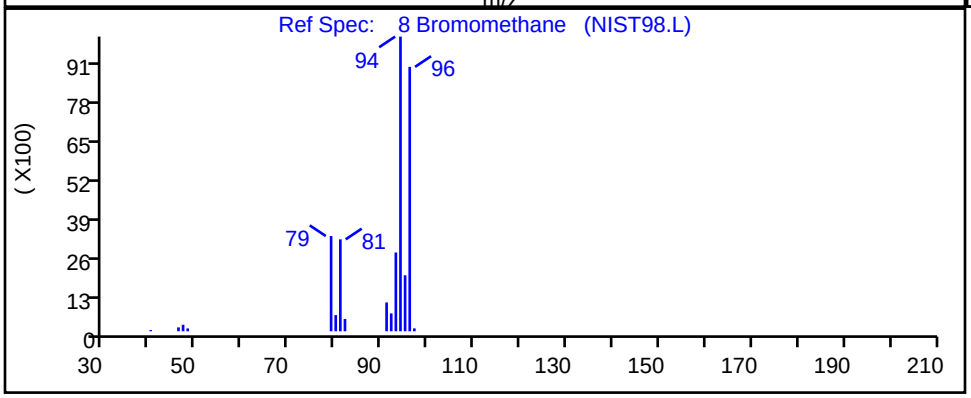
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.71 | 94.00 | 670 | 0.031451 |
| 4.69 | 96.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:24:25 -04:00:00 (UTC)

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

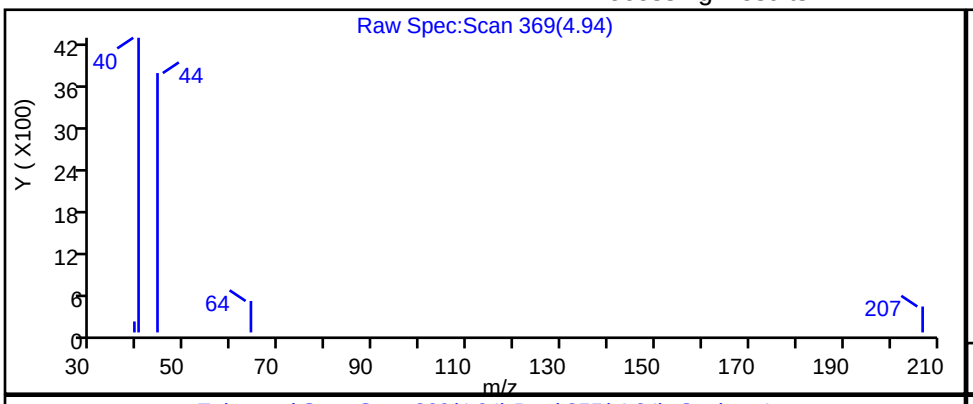
User Disabled Compound Report

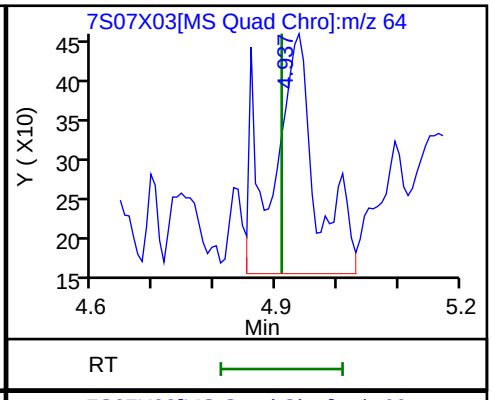
Eurofins Lancaster Laboratories Environment Testing, LLC

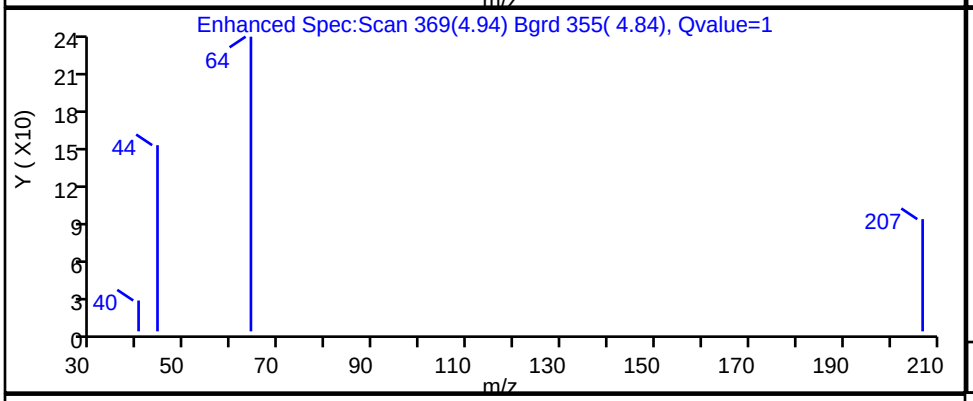
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

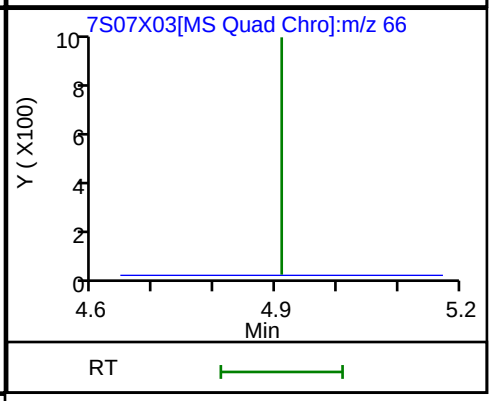
## 9 Chloroethane, CAS: 75-00-3

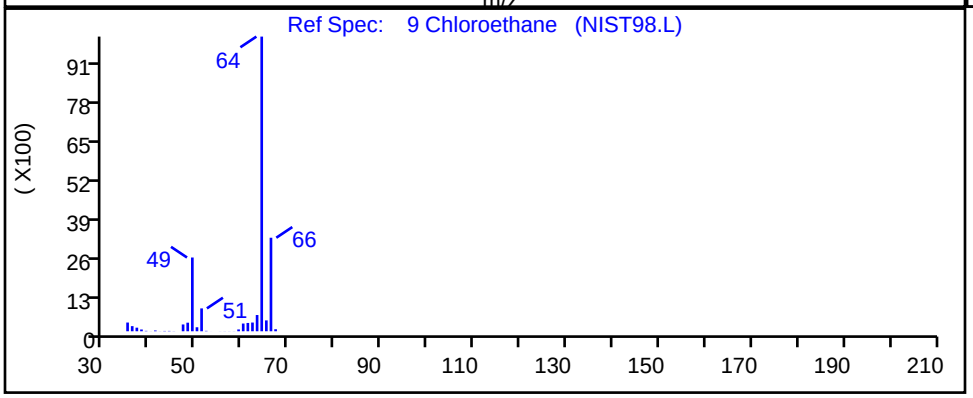
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.94 | 64.00 | 1453 | 0.052255 |
| 4.91 | 66.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:24:28 -04:00:00 (UTC)

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

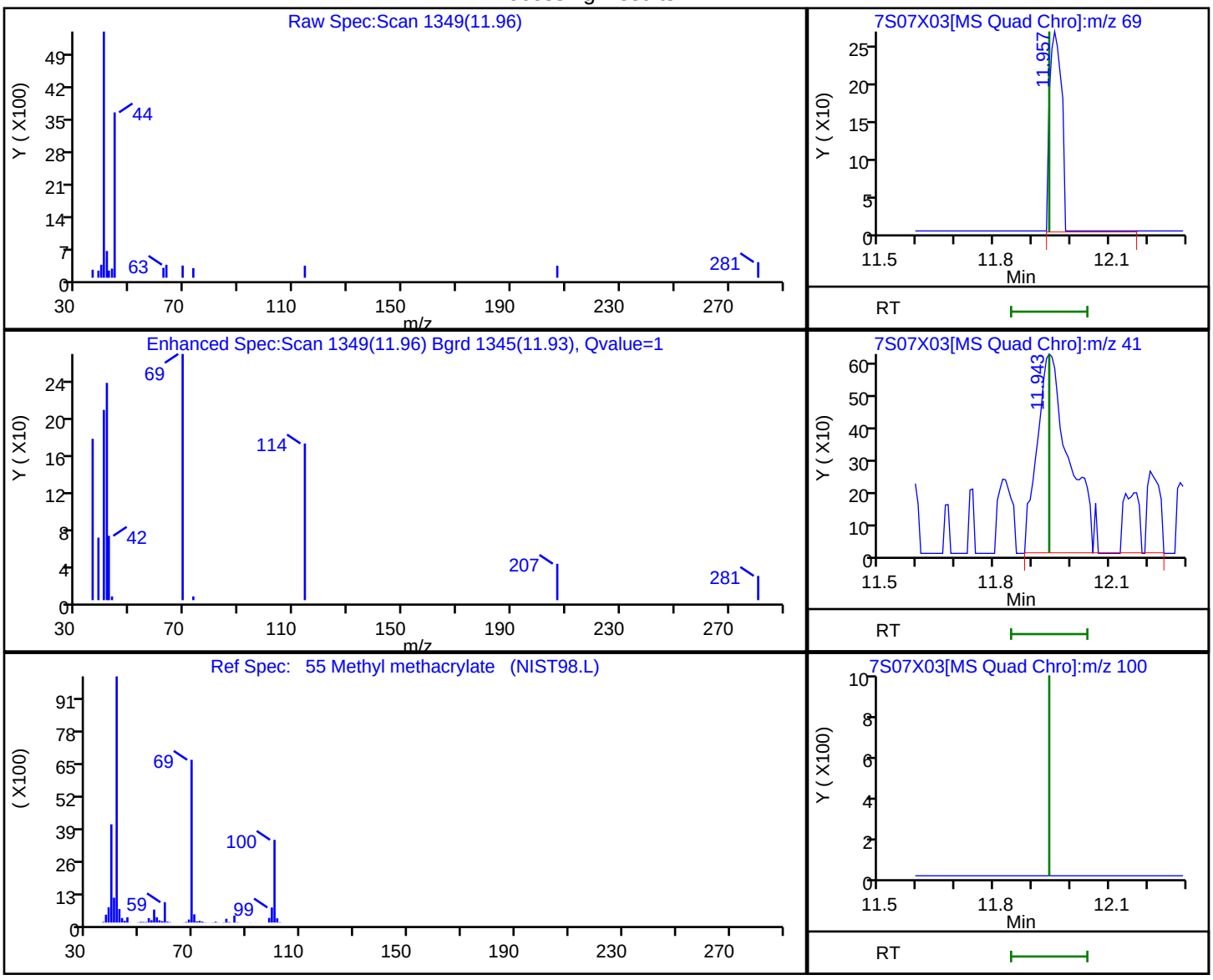
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.96 | 69.00 | 564 | 0.018105 |
| 11.94 | 41.00 | 4735 | |
| 11.94 | 100.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:26:55 -04:00:00 (UTC)

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

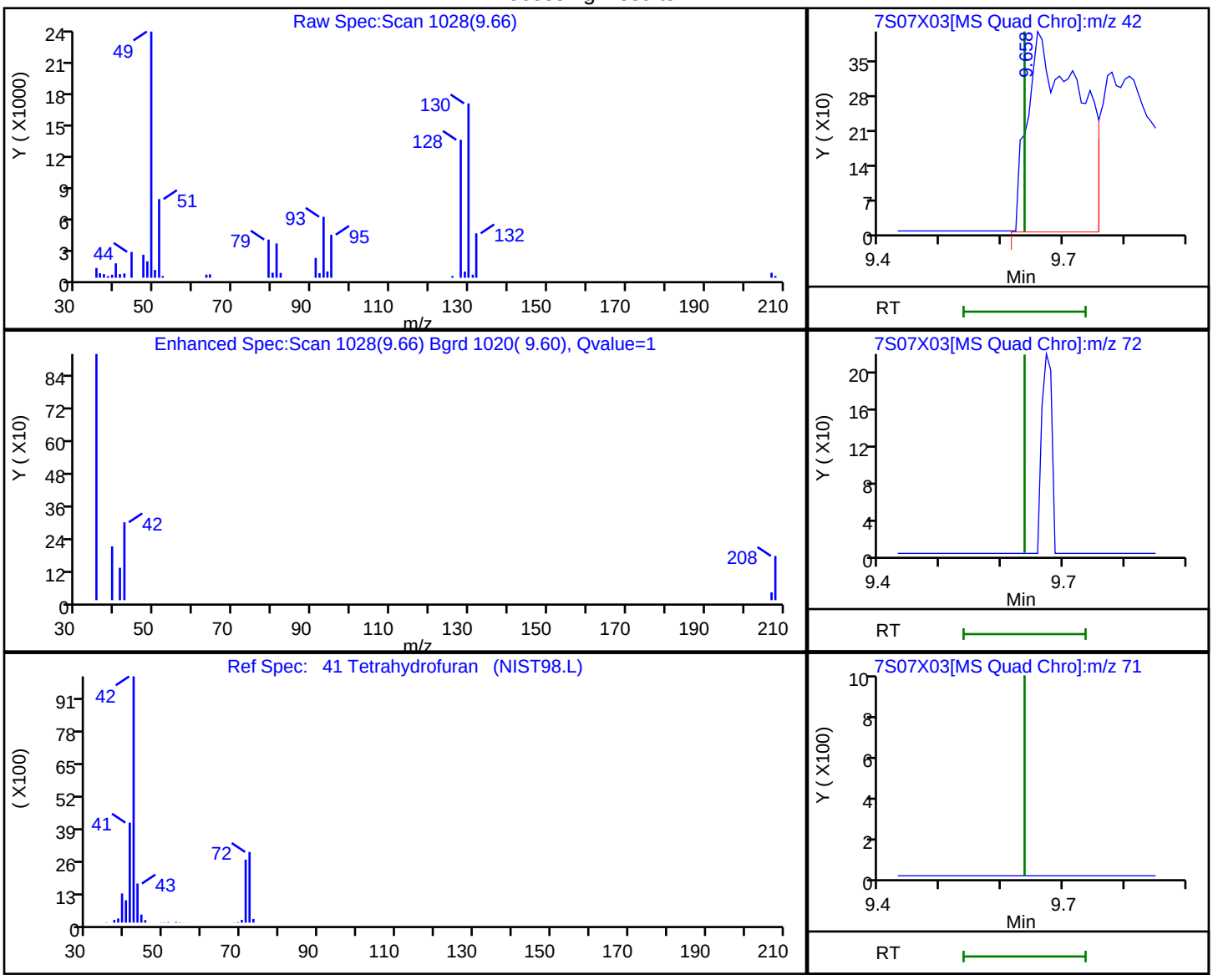
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D | | | | |
| Injection Date: | 07-Sep-2025 22:59:10 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.025ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.66 | 42.00 | 2296 | 0.049430 |
| 9.64 | 72.00 | 0 | |
| 9.64 | 71.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:26:11 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Lims ID: IC Cal 0.05ppb
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Sep-2025 23:25:34 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.05PPB
Misc. Info.: 410-0158855-004
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:03 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:45:29

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 73 | 1837 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 58 | 3617 | 0.0500 | 0.0476 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 29 | 2393 | 0.0500 | 0.0556 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 62 | 3337 | 0.0500 | 0.0493 | |
| 5 Chloromethane | 50 | 3.763 | 3.770 | -0.007 | 60 | 2811 | 0.0500 | 0.1032 | M |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 53 | 3142 | 0.0500 | 0.0615 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 12 | 1442 | 0.0500 | 0.0520 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 56 | 1239 | 0.0500 | 0.0577 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 9 | 1034 | 0.0500 | 0.0501 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 38 | 1042 | 0.0500 | 0.0622 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 55 | 1507 | 0.0500 | 0.0561 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 17 | 3538 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 43 | 3462 | 0.0500 | 0.0500 | |
| 11 Pentane | 43 | 5.589 | 5.582 | 0.007 | 72 | 3417 | NC | NC | |
| 19 Acrolein | 56 | 6.184 | 6.148 | 0.036 | 60 | 664 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.342 | 6.349 | -0.007 | 56 | 2701 | 0.0500 | 0.0576 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.377 | 6.370 | 0.007 | 38 | 1705 | 0.0500 | 0.0494 | |
| 23 Acetone | 43 | 6.392 | 6.377 | 0.015 | 87 | 4269 | 0.0500 | 0.0863 | M |
| 20 Isopropyl alcohol | 45 | 6.607 | 6.592 | 0.015 | 57 | 1907 | 0.0500 | 0.0521 | M |
| 18 Iodomethane | 142 | 6.614 | 6.606 | 0.008 | 18 | 1625 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 90 | 6080 | 0.0500 | 0.0613 | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 48 | 3677 | 0.0500 | 0.0806 | M |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 60 | 1811 | 0.0500 | 0.0690 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 30 | 1589 | 0.0570 | 0.0523 | |
| 31 Acrylonitrile | 53 | 7.552 | 7.531 | 0.021 | 66 | 1099 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 67 | 3859 | 0.0500 | 0.0538 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.667 | 7.659 | 0.008 | 55 | 3014 | 0.0500 | 0.0605 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 59 | 1276 | 0.0500 | 0.0496 | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 9 | 3353 | 0.0500 | 0.0552 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 82 | 4850 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 74 | 4042 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 16 | 3313 | 0.0500 | 0.0586 | |
| 38 Ethyl acetate | 70 | 9.257 | 9.243 | 0.015 | 51 | 284 | NC | NC | M |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 332852 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.651 | 9.636 | 0.015 | 53 | 2873 | 0.0500 | 0.0706 | M |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 54 | 3973 | 0.0500 | 0.0583 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 32 | 3179 | 0.0500 | 0.0529 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 64 | 2625 | 0.0500 | 0.0553 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 50 | 2502 | 0.0500 | 0.0450 | M |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 538737 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 27 | 5461 | 0.0500 | 0.0547 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 26 | 2616 | 0.0500 | 0.0569 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 54 | 4066 | NC | NC | M |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 77 | 7765 | 0.0500 | 0.0508 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 18 | 1624 | 0.0500 | 0.0538 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1234157 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 59 | 2140 | 0.0500 | 0.0539 | |
| 52 Ethyl acrylate | 55 | 11.649 | 11.635 | 0.014 | 35 | 2499 | NC | NC | M |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 51 | 2569 | 0.0500 | 0.0619 | |
| 55 Methyl methacrylate | 69 | 11.957 | 11.943 | 0.014 | 57 | 1365 | 0.0500 | 0.0433 | |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 16 | 790 | 0.0500 | 0.0586 | |
| 51 Dibromomethane | 174 | 12.051 | 12.043 | 0.008 | 71 | 2285 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 48 | 3615 | 0.0500 | 0.0497 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 58 | 3425 | 0.0500 | 0.0586 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 87 | 4376 | 0.0500 | 0.0569 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1382192 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 70 | 7152 | 0.0500 | 0.0591 | M |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 72 | 5143 | NC | NC | M |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 54 | 2644 | 0.0500 | 0.0545 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 52 | 2499 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 50 | 2118 | 0.0500 | 0.0522 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 80 | 4334 | 0.0500 | 0.0832 | |
| 67 2-Hexanone | 43 | 13.734 | 13.719 | 0.015 | 58 | 3252 | 0.0500 | 0.0442 | M |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 46 | 2628 | 0.0500 | 0.0504 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 63 | 2988 | 0.0500 | 0.0491 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1174502 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 44 | 5321 | 0.0500 | 0.0581 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 81 | 7430 | 0.0500 | 0.0509 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 33 | 2380 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 94 | 11021 | 0.1000 | 0.1017 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 79 | 5496 | 0.0500 | 0.0510 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 76 | 3758 | 0.0500 | 0.0480 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 50 | 2619 | 0.0500 | 0.0464 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 10 | 6726 | 0.0500 | 0.0499 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 3 | 5364 | 0.0500 | 0.0579 | |
| 83 1,2,3-Trichloropropane | 110 | 15.546 | 15.539 | 0.007 | 48 | 1278 | NC | NC | a |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 77 | 2823 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 46 | 2016 | 0.0500 | 0.0551 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.661 | 0.007 | 70 | 5617 | 0.0500 | 0.0417 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 78 | 1865 | 0.0500 | 0.0534 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 45 | 5037 | 0.0500 | 0.0467 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 69 | 3064 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 75 | 4478 | 0.0500 | 0.0417 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 61 | 5932 | 0.0500 | 0.0520 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 75 | 8034 | 0.0500 | 0.0491 | M |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 82 | 6904 | 0.0500 | 0.0532 | M |
| 89 1,3-Dichlorobenzene | 146 | 16.234 | 16.227 | 0.007 | 78 | 3685 | 0.0500 | 0.0488 | |
| 90 1,4-Dichlorobenzene | 146 | 16.305 | 16.298 | 0.007 | 77 | 4236 | 0.0500 | 0.0557 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 47 | 875 | 0.0500 | 0.0490 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 86 | 3565 | 0.0500 | 0.0509 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 61 | 3551 | 0.0500 | 0.0508 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 11 | 804 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 41 | 2103 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.889 | 17.881 | 0.007 | 32 | 1333 | 0.0500 | 0.0282 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 59 | 2293 | 0.0500 | 0.0539 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 56 | 3268 | 0.0500 | 0.0291 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 6327 | 0.1000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.1000 | 0.1131 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 16517 | 0.1500 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:47:14 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D

Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004

Lims ID: IC Cal 0.05ppb

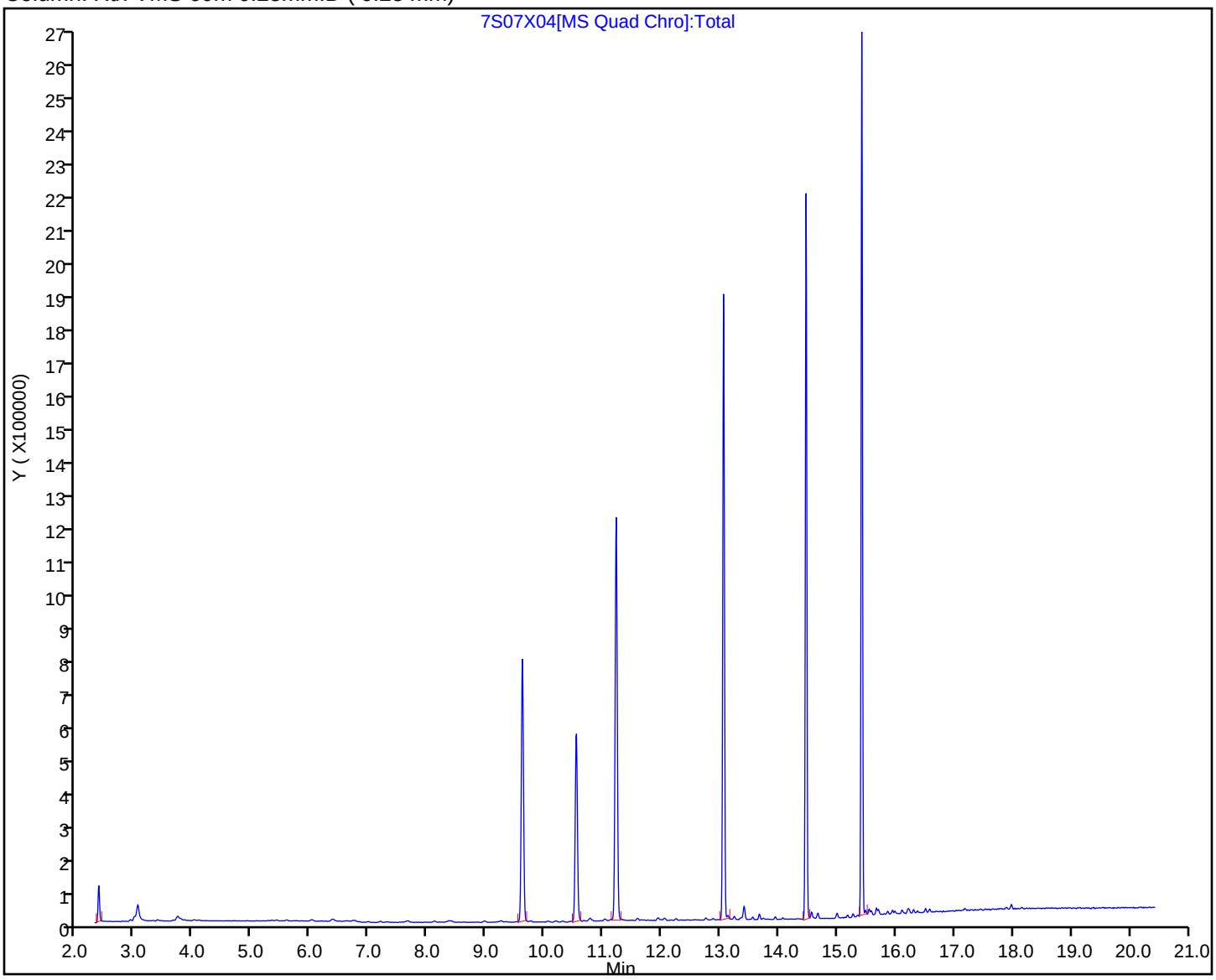
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

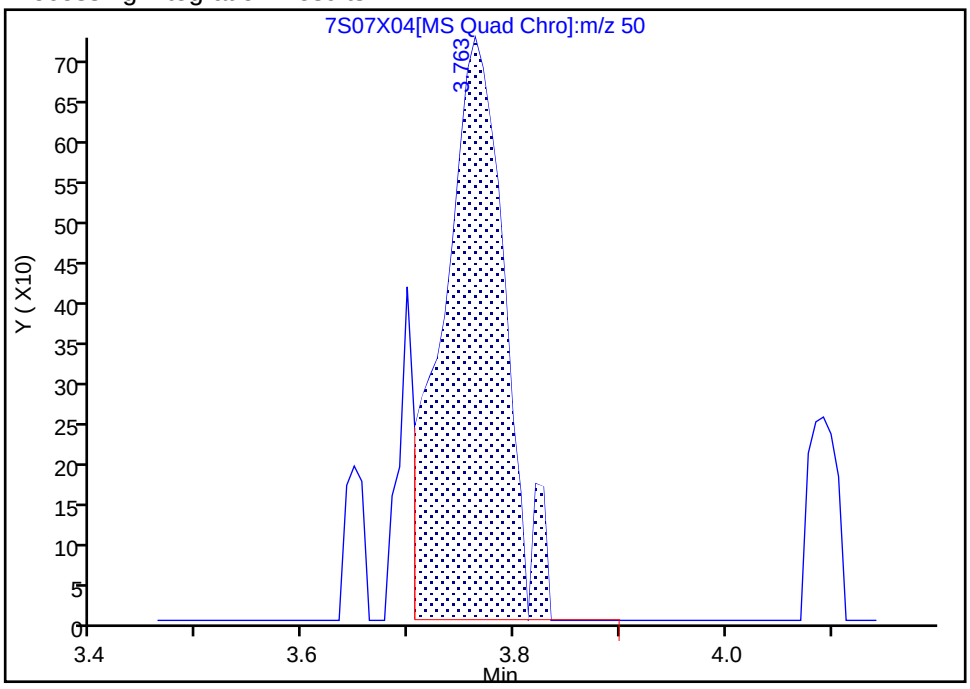
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

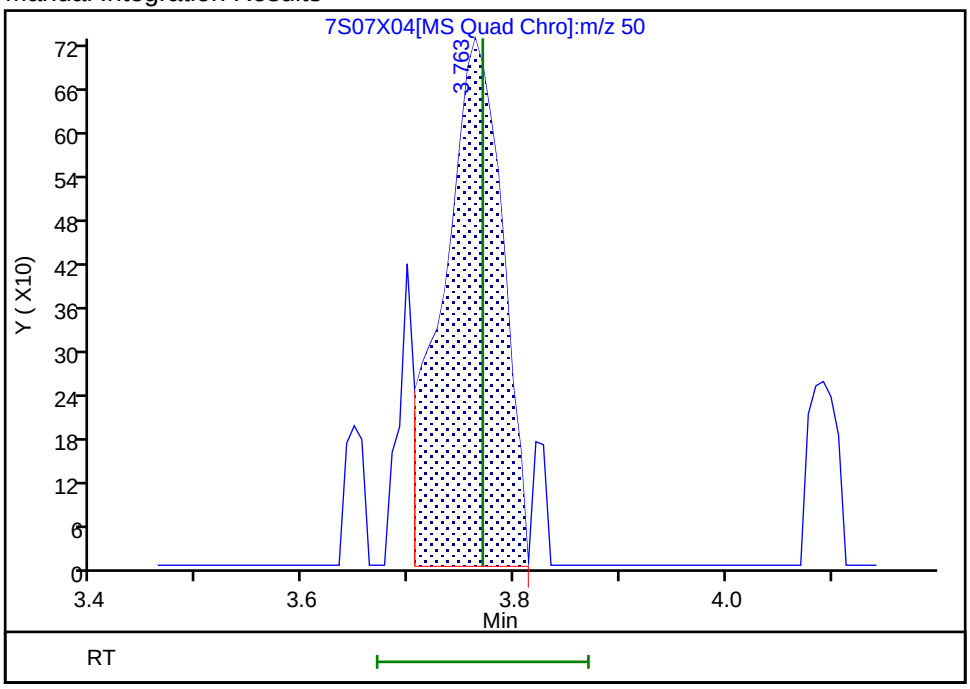
Processing Integration Results

RT: 3.76
Area: 2956
Amount: 0.081763
Amount Units: ppb v/v




Manual Integration Results

RT: 3.76
Area: 2811
Amount: 0.103230
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:47:26 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

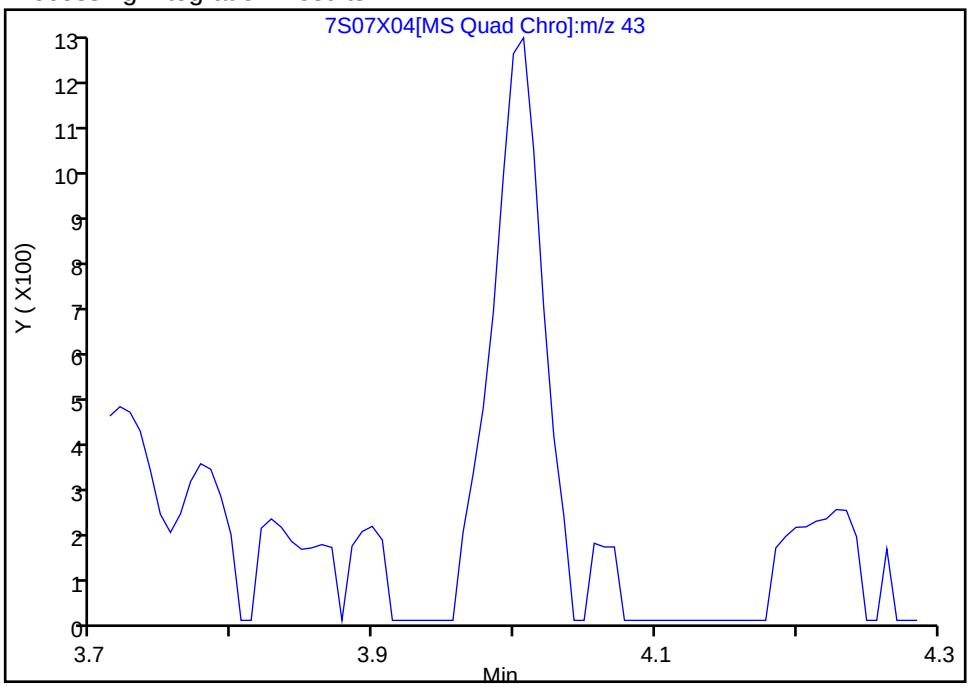
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

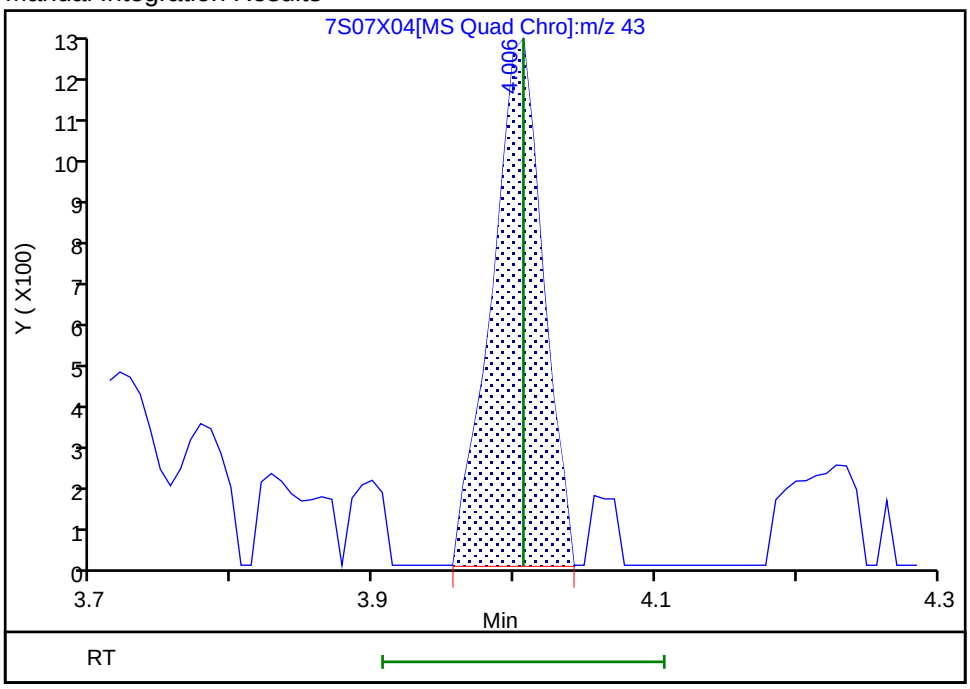
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 3142
Amount: 0.061480
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:08:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

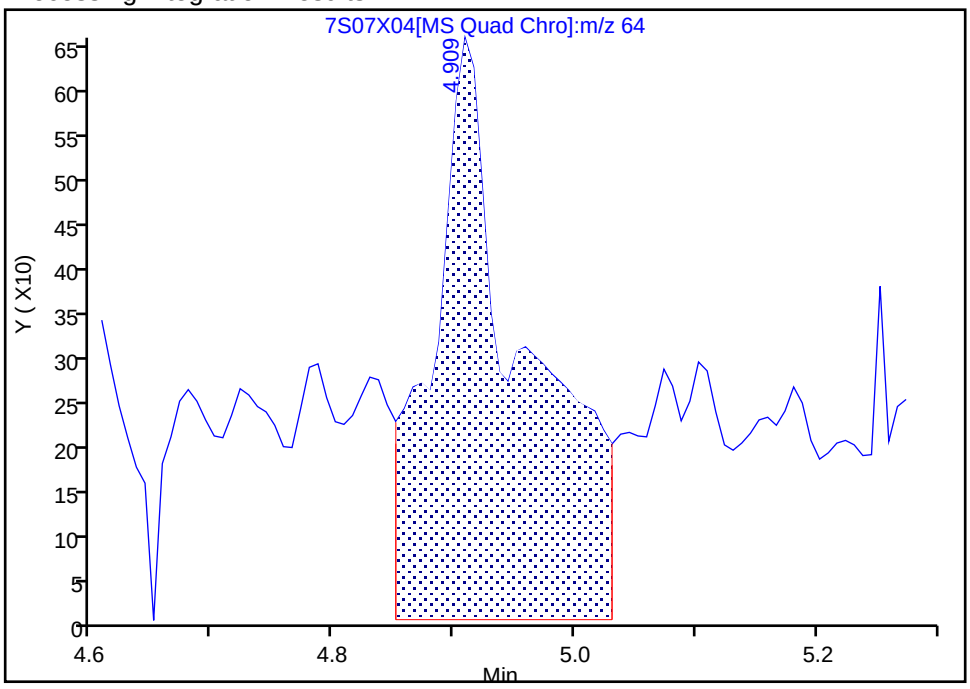
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

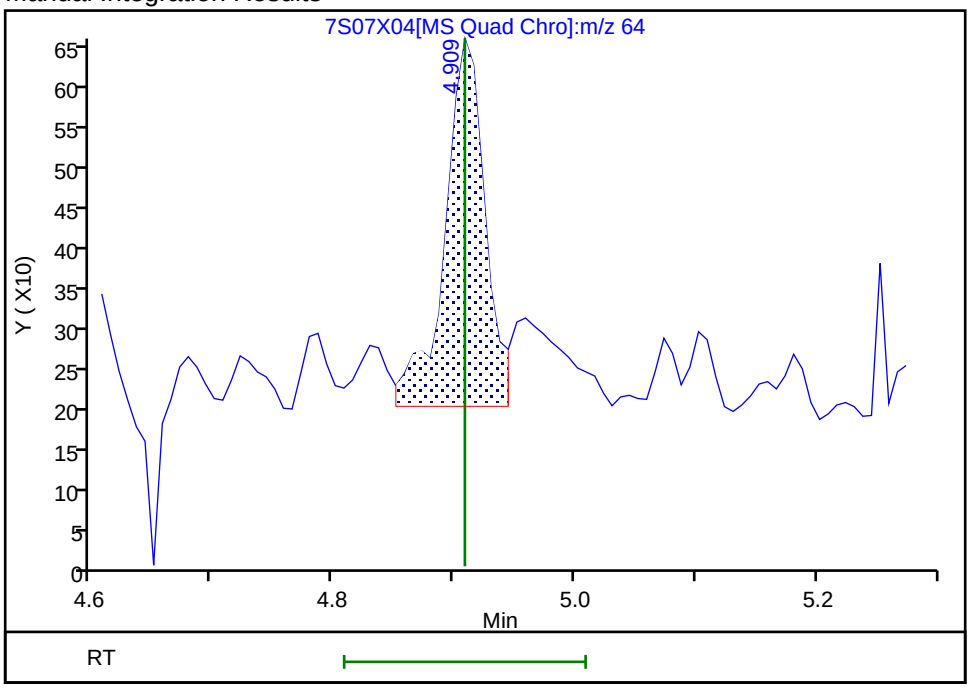
Processing Integration Results

RT: 4.91
Area: 3508
Amount: 0.145826
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 1042
Amount: 0.062235
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:30:32 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

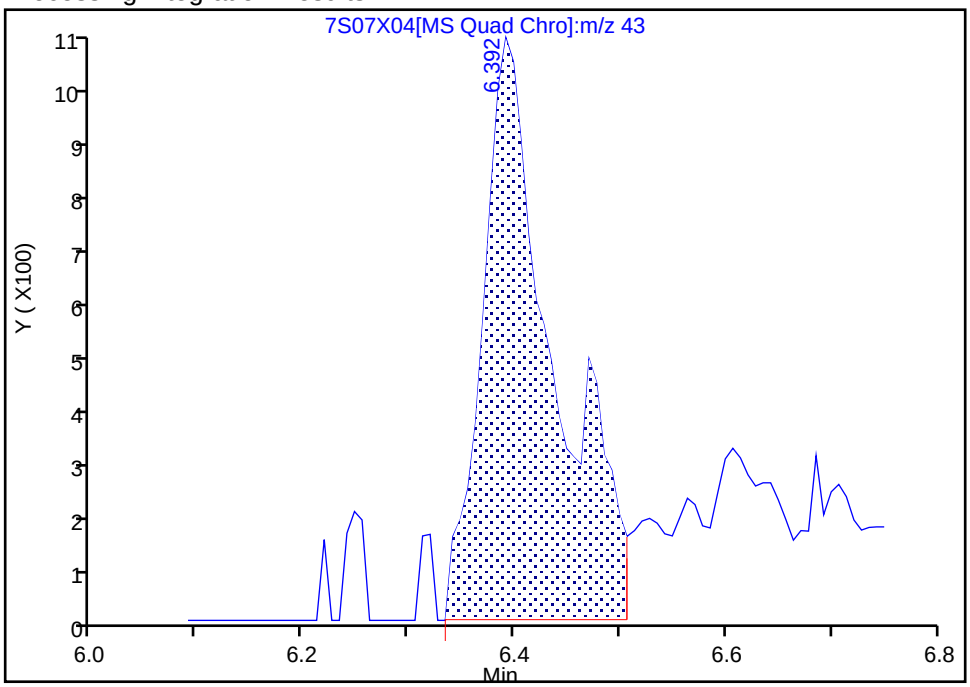
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

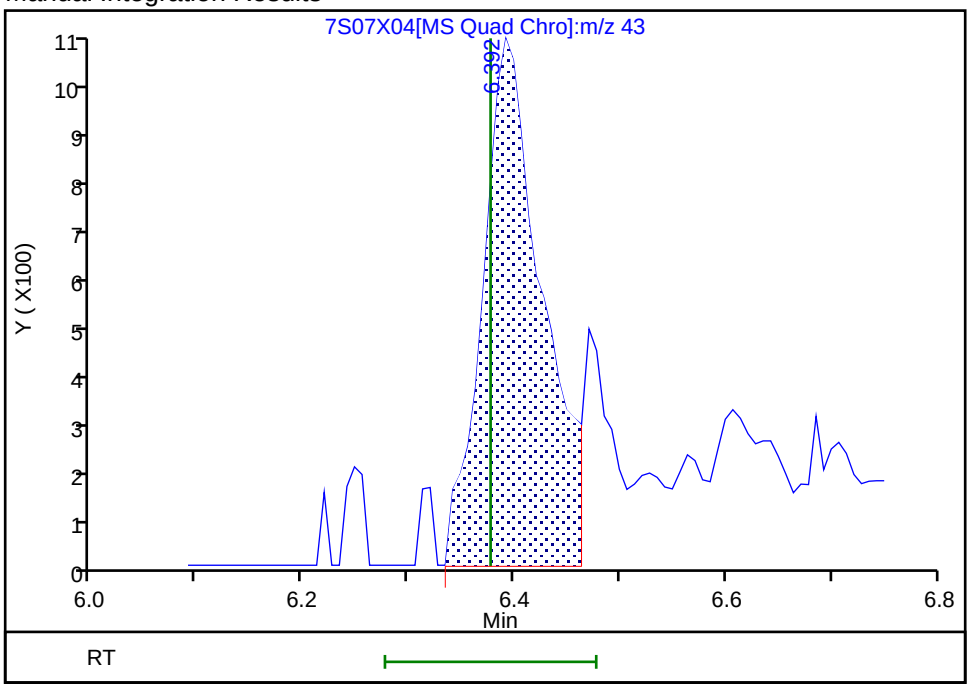
Processing Integration Results

RT: 6.39
Area: 5111
Amount: 0.072846
Amount Units: ppb v/v




Manual Integration Results

RT: 6.39
Area: 4269
Amount: 0.086312
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:51:04 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

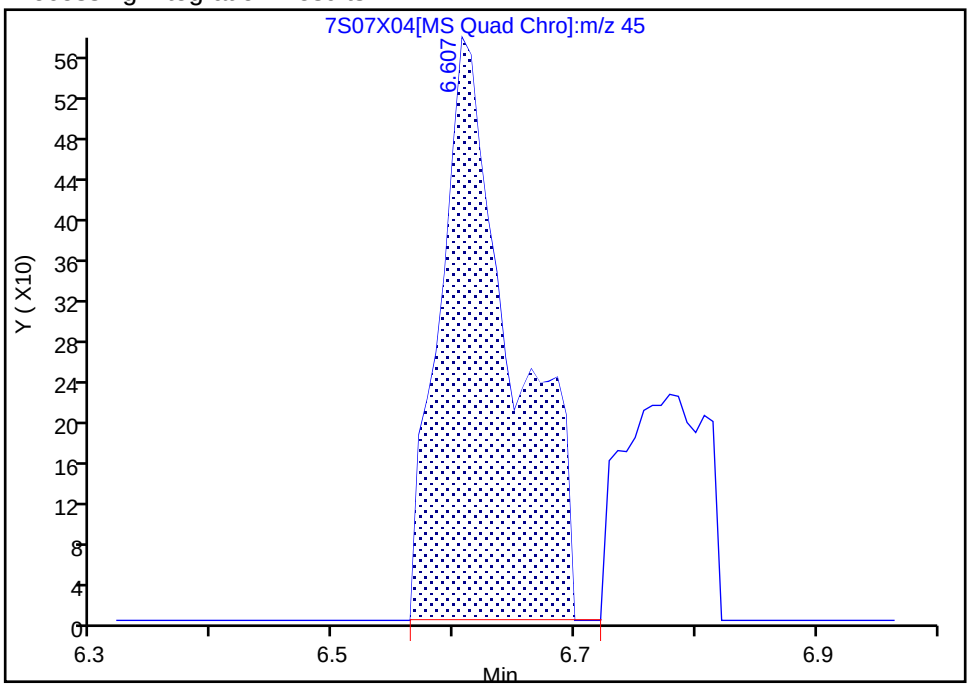
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

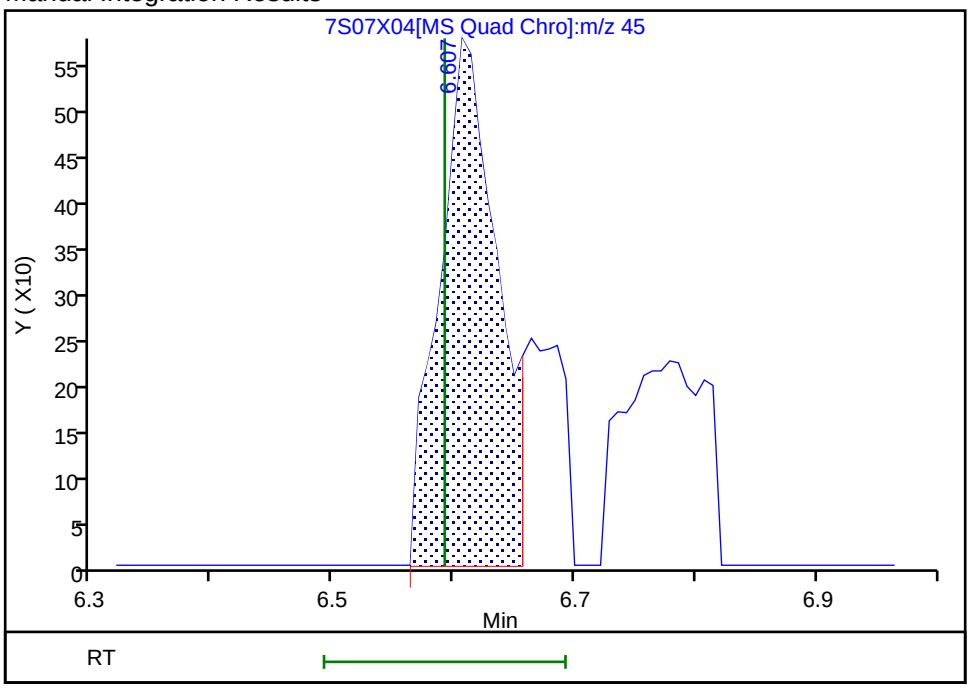
Processing Integration Results

RT: 6.61
Area: 2460
Amount: 0.055350
Amount Units: ppb v/v




Manual Integration Results

RT: 6.61
Area: 1907
Amount: 0.052094
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:31:08 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC

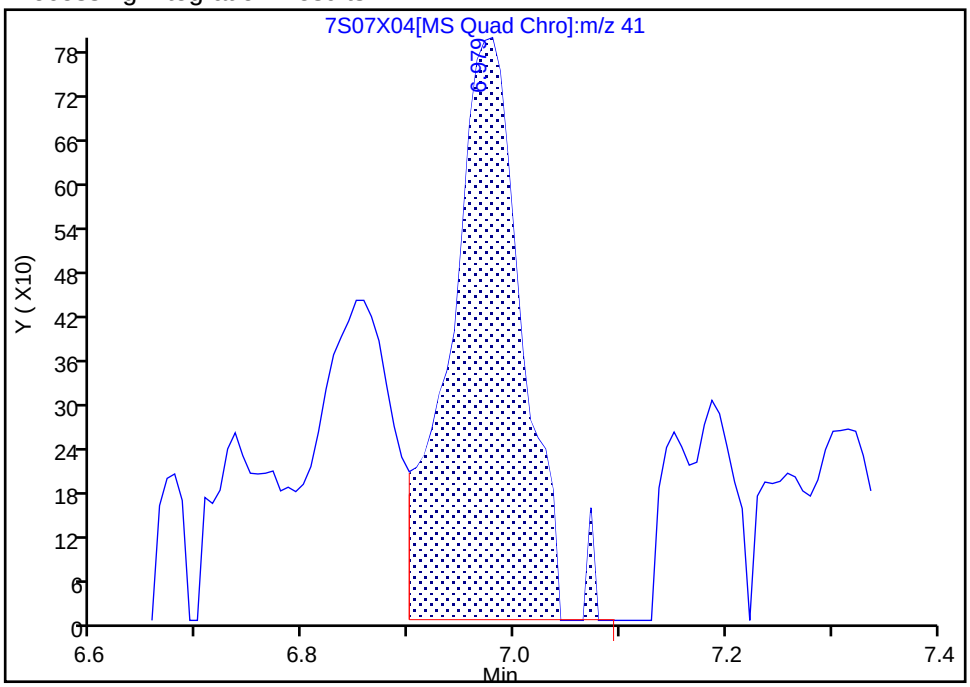
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

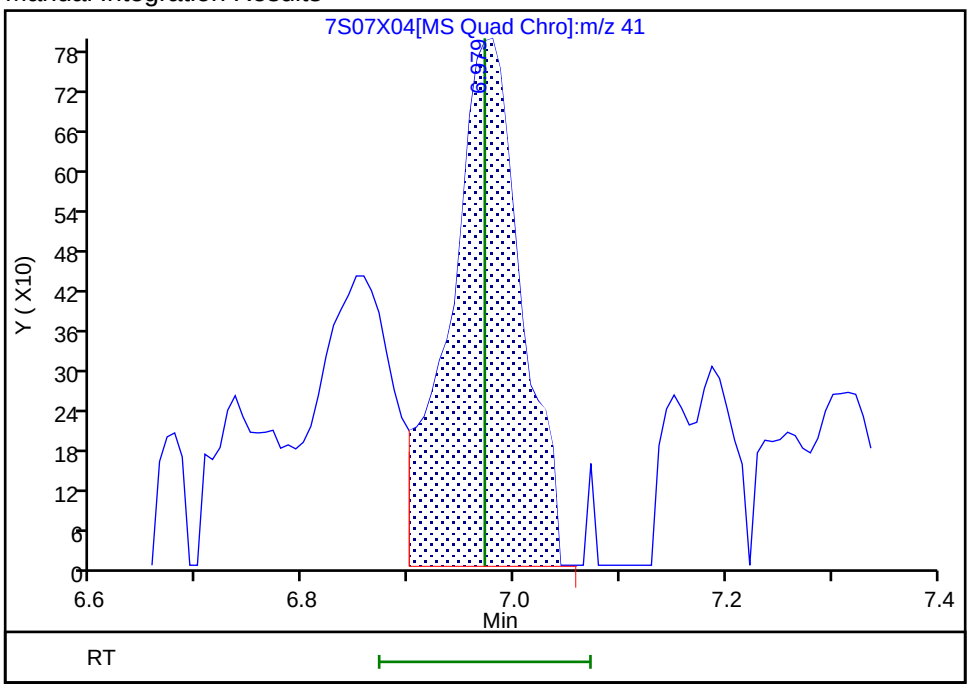
Processing Integration Results

RT: 6.98
Area: 3743
Amount: 0.076902
Amount Units: ppb v/v




Manual Integration Results

RT: 6.98
Area: 3677
Amount: 0.080562
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:33:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

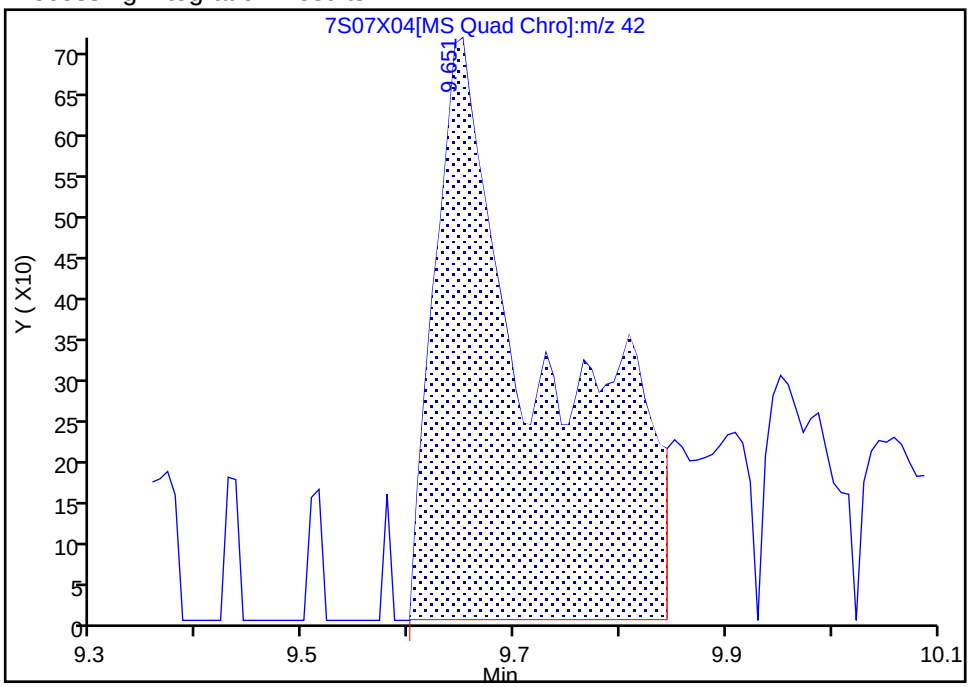
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

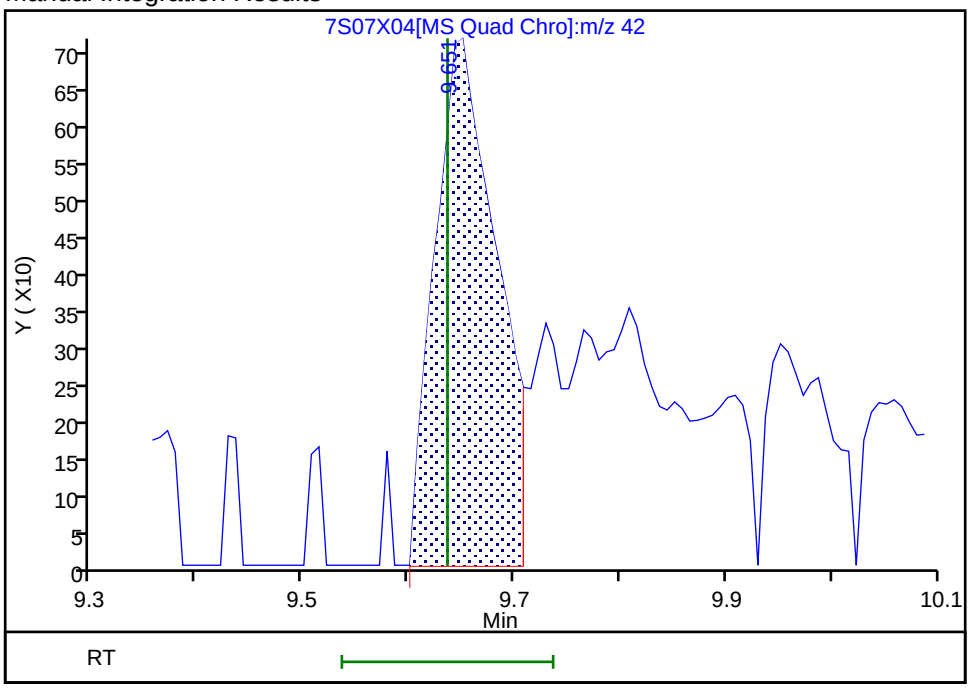
Processing Integration Results

RT: 9.65
Area: 5174
Amount: 0.100196
Amount Units: ppb v/v




Manual Integration Results

RT: 9.65
Area: 2873
Amount: 0.070592
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:53:22 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

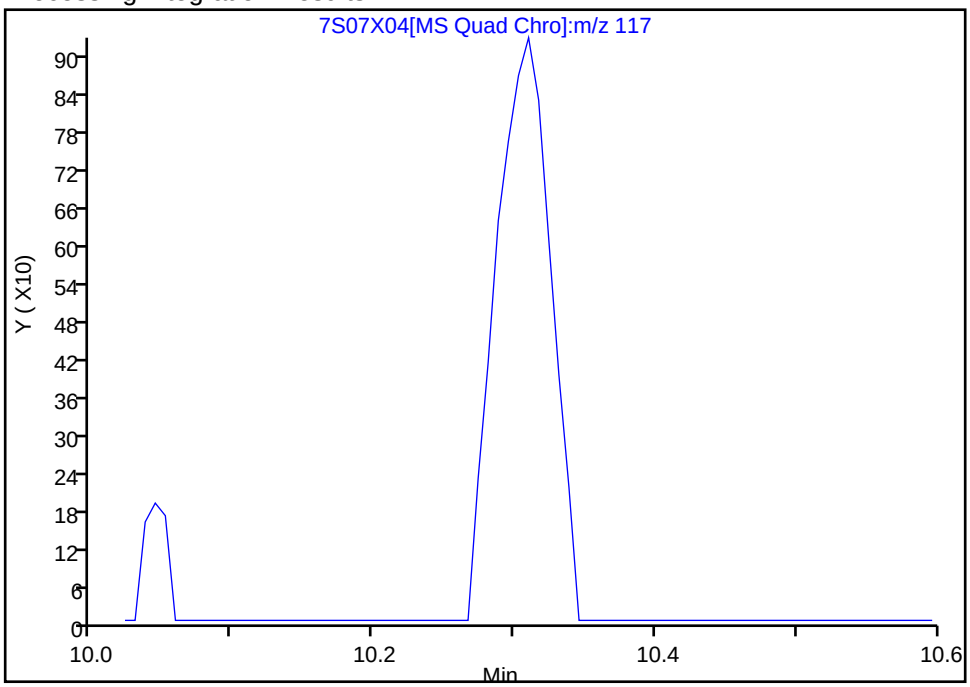
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

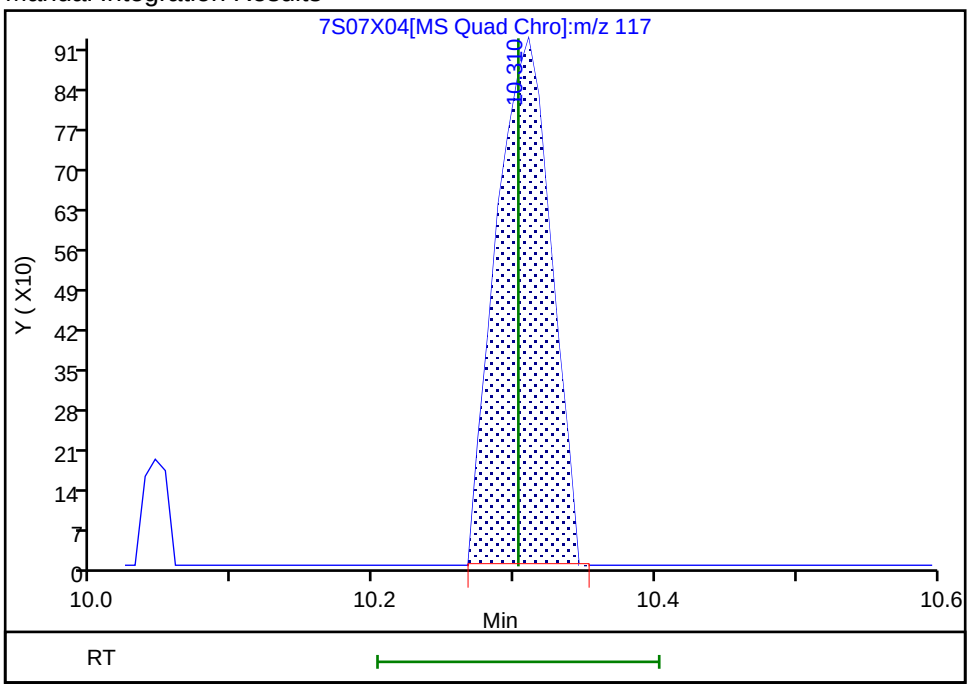
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.31
Area: 2502
Amount: 0.044980
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:54:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

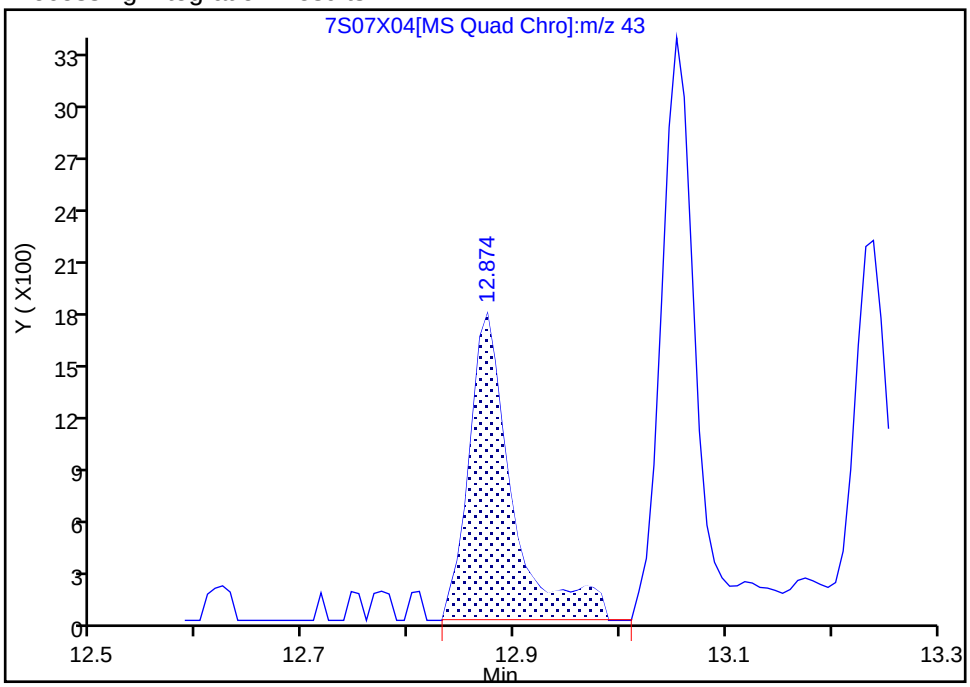
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

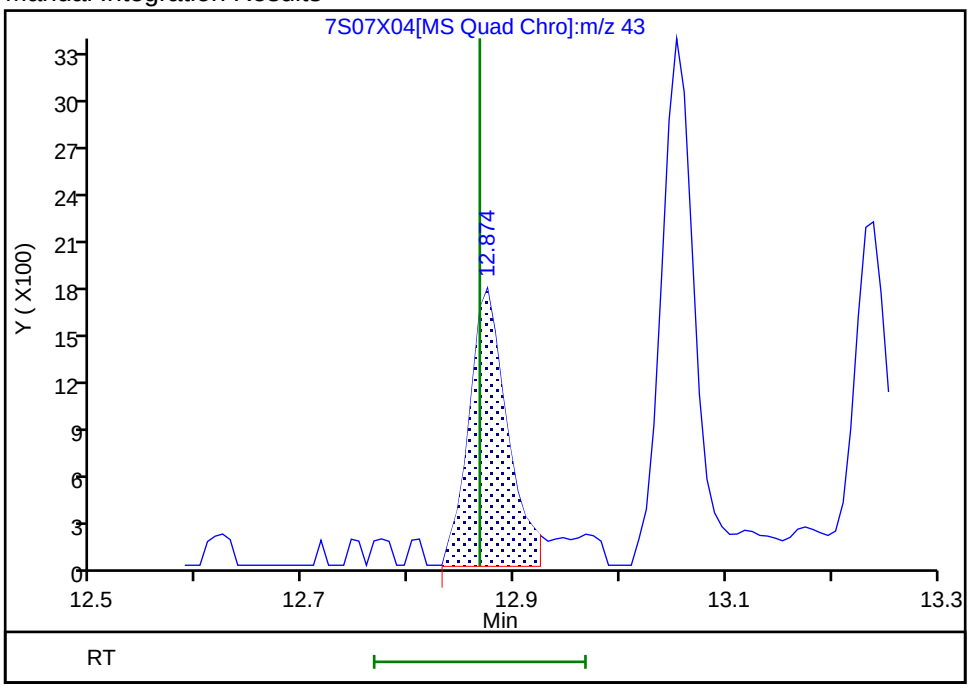
Processing Integration Results

RT: 12.87
Area: 5007
Amount: 0.063076
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 4376
Amount: 0.056940
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:02:42 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

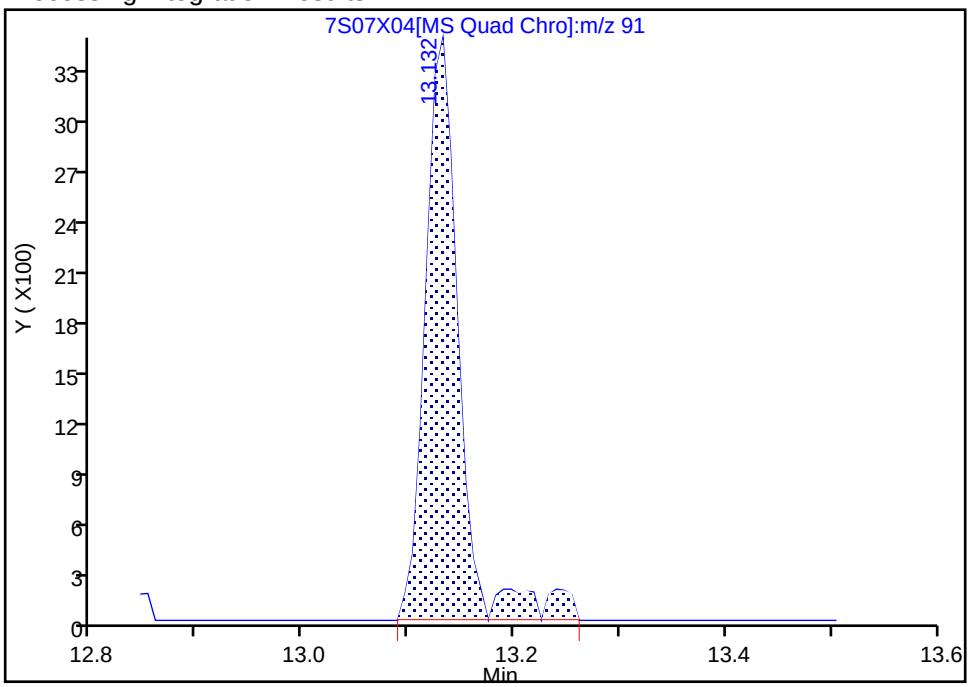
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

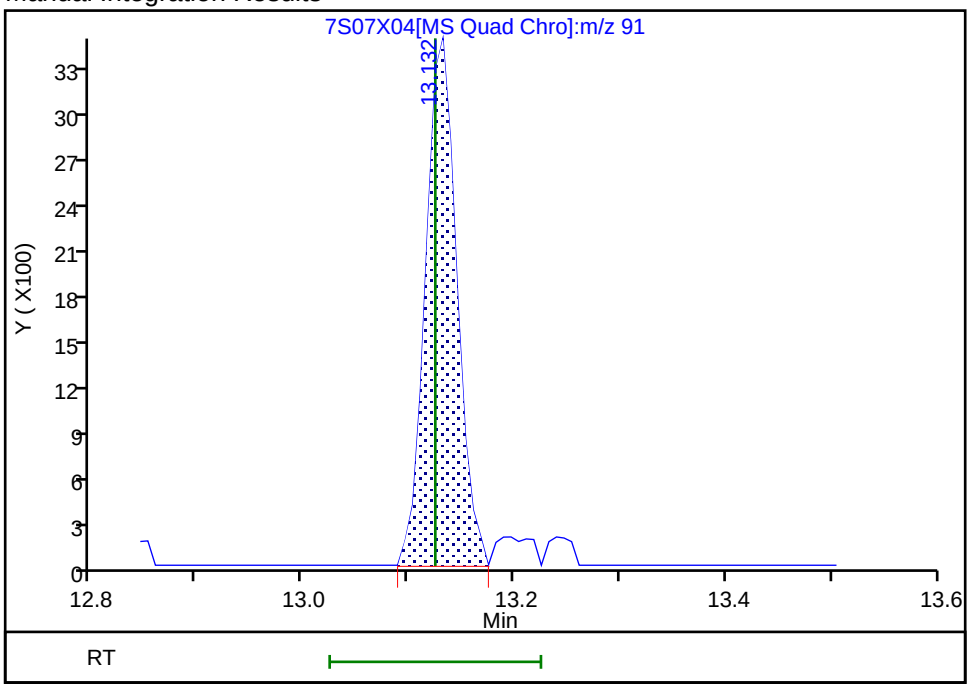
Processing Integration Results

RT: 13.13
Area: 7885
Amount: 0.059973
Amount Units: ppb v/v




Manual Integration Results

RT: 13.13
Area: 7152
Amount: 0.059141
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:55:18 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

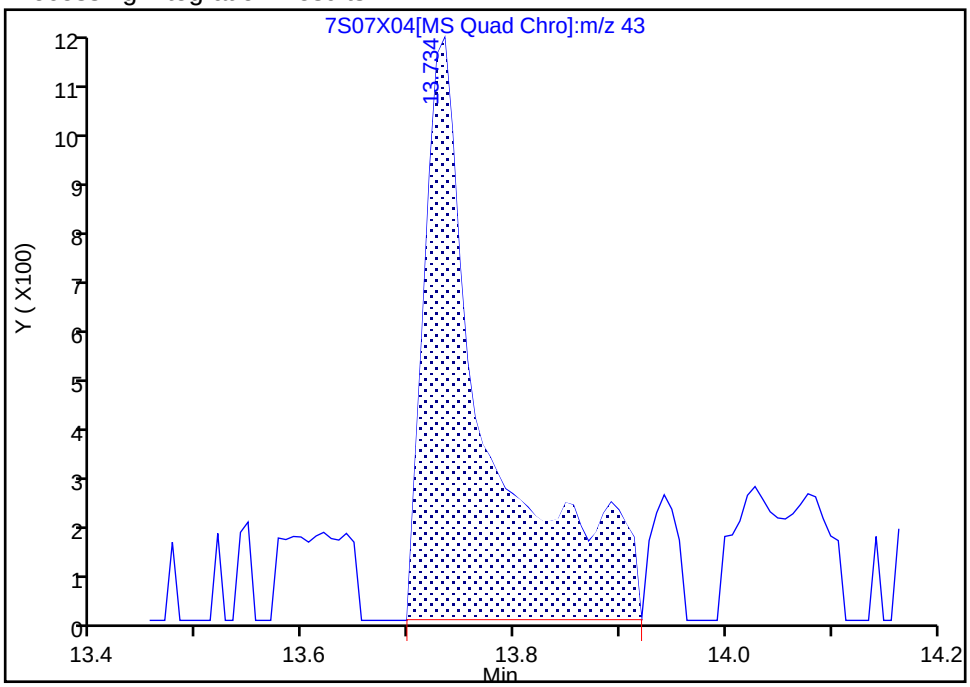
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

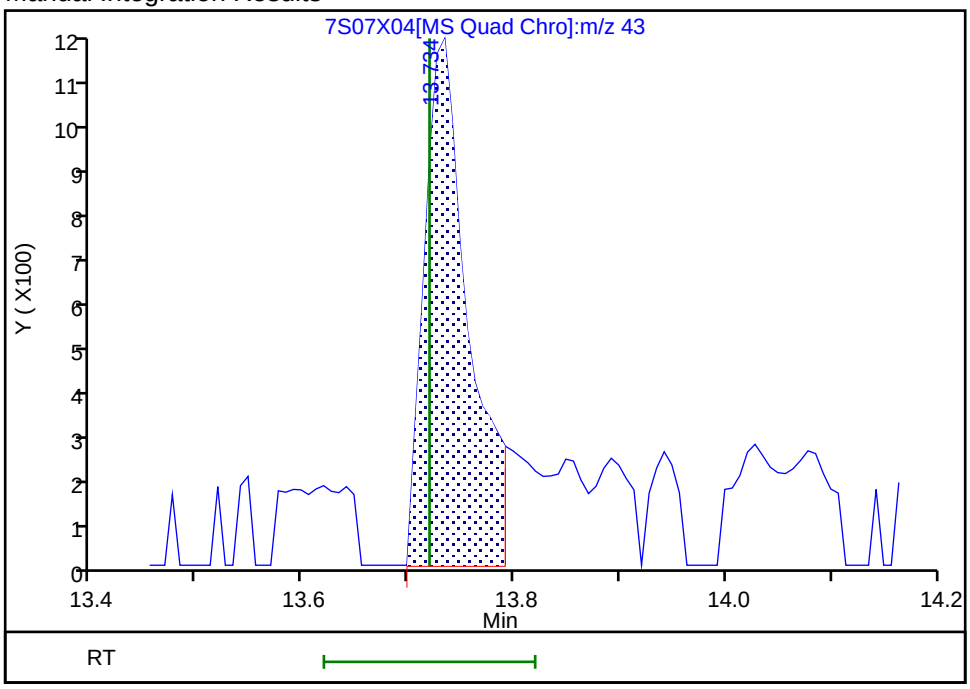
Processing Integration Results

RT: 13.73
Area: 4785
Amount: 0.061061
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 3252
Amount: 0.044150
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:08 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

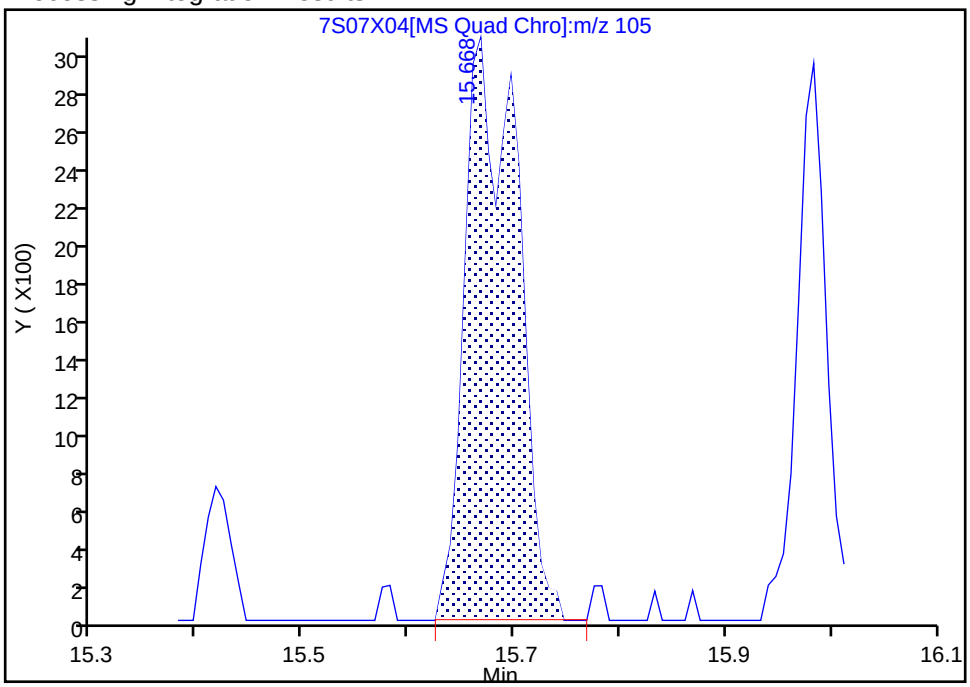
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

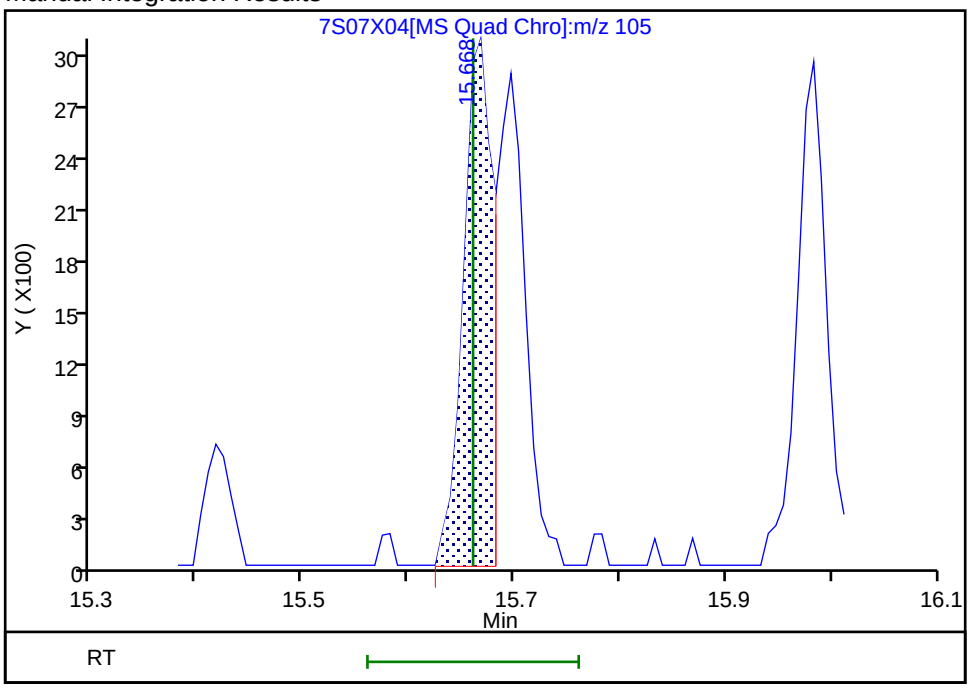
Processing Integration Results

RT: 15.67
Area: 10655
Amount: 0.054652
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 5617
Amount: 0.041686
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:01 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

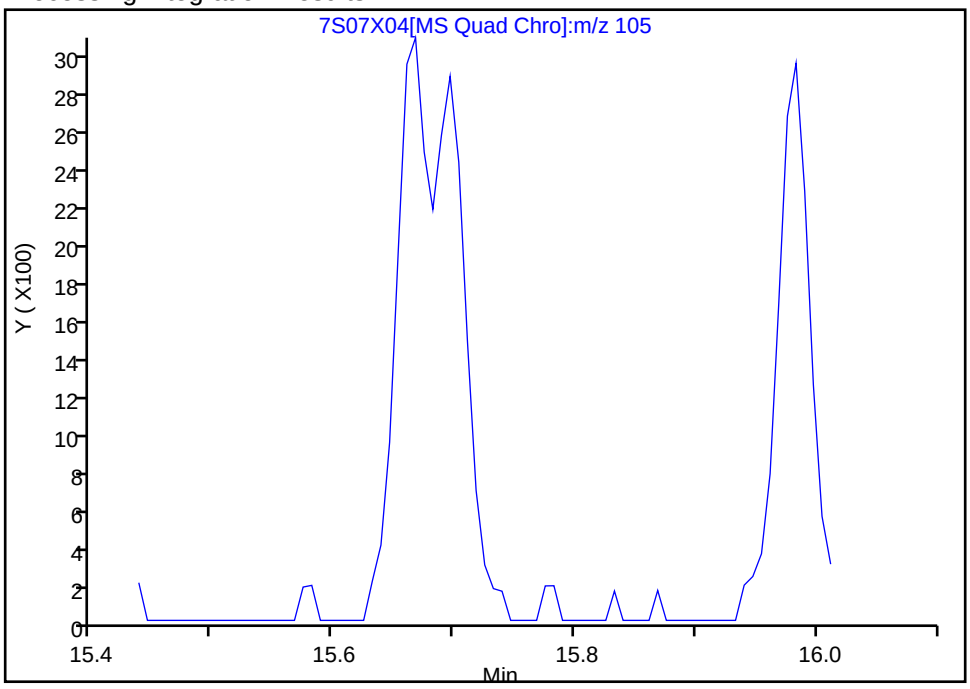
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

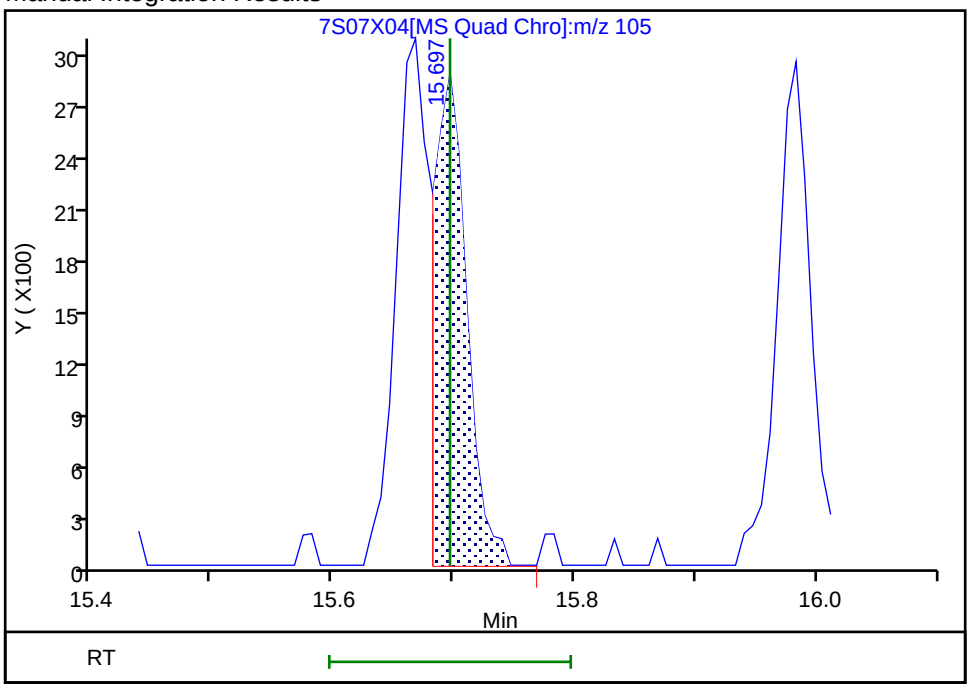
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 5037
Amount: 0.046696
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

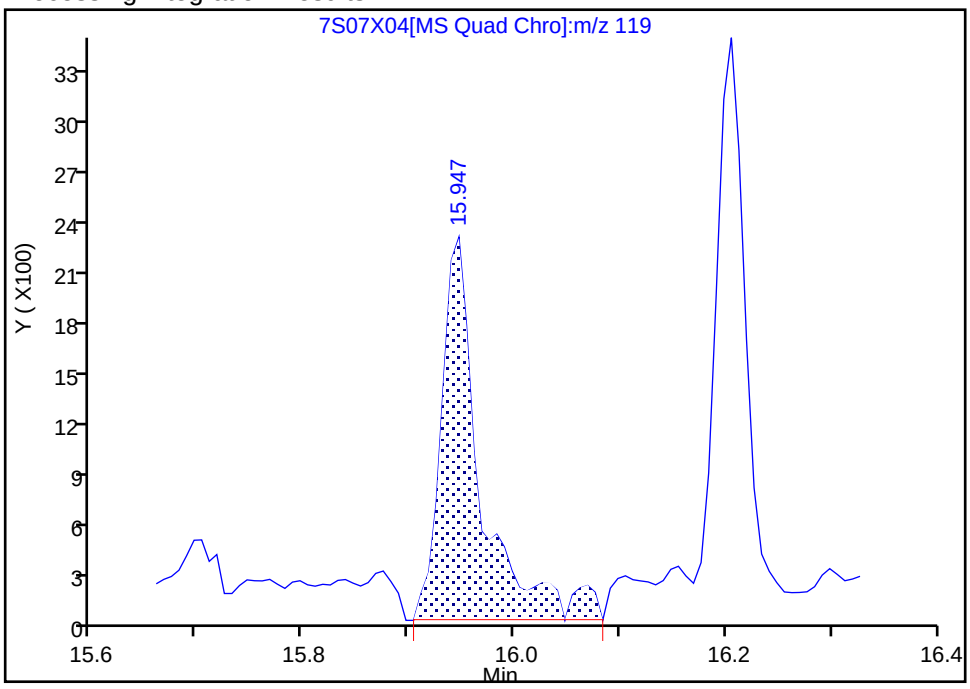
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

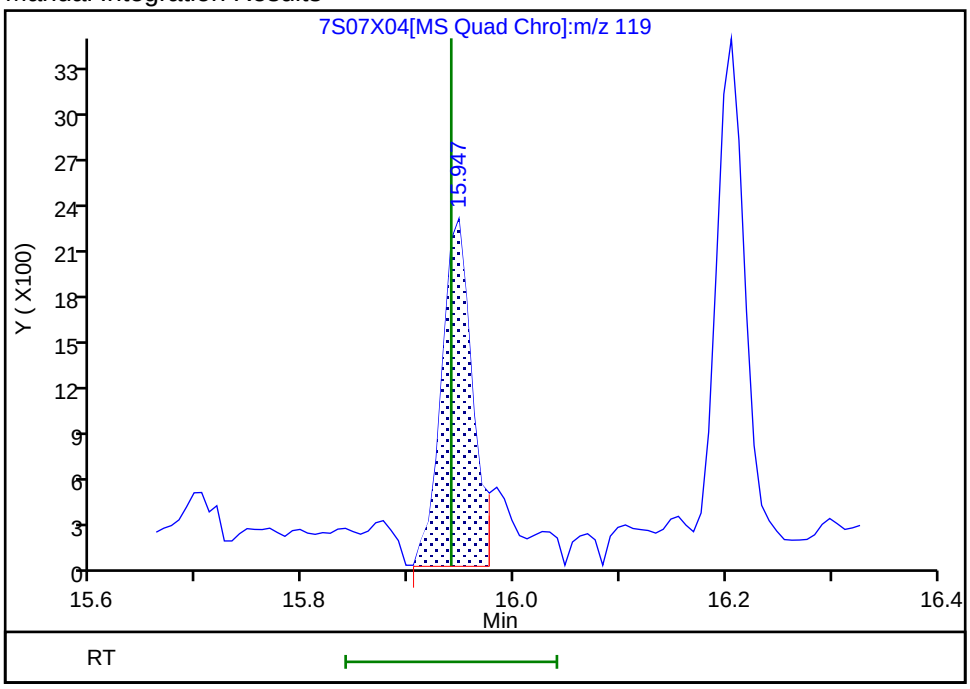
Processing Integration Results

RT: 15.95
Area: 5918
Amount: 0.049853
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 4478
Amount: 0.041670
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

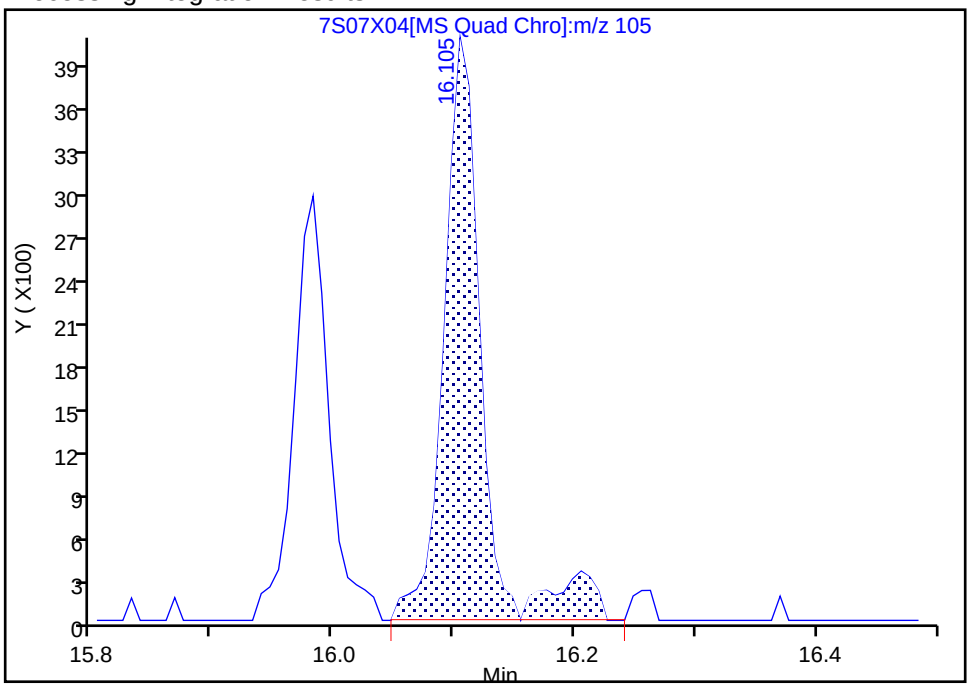
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

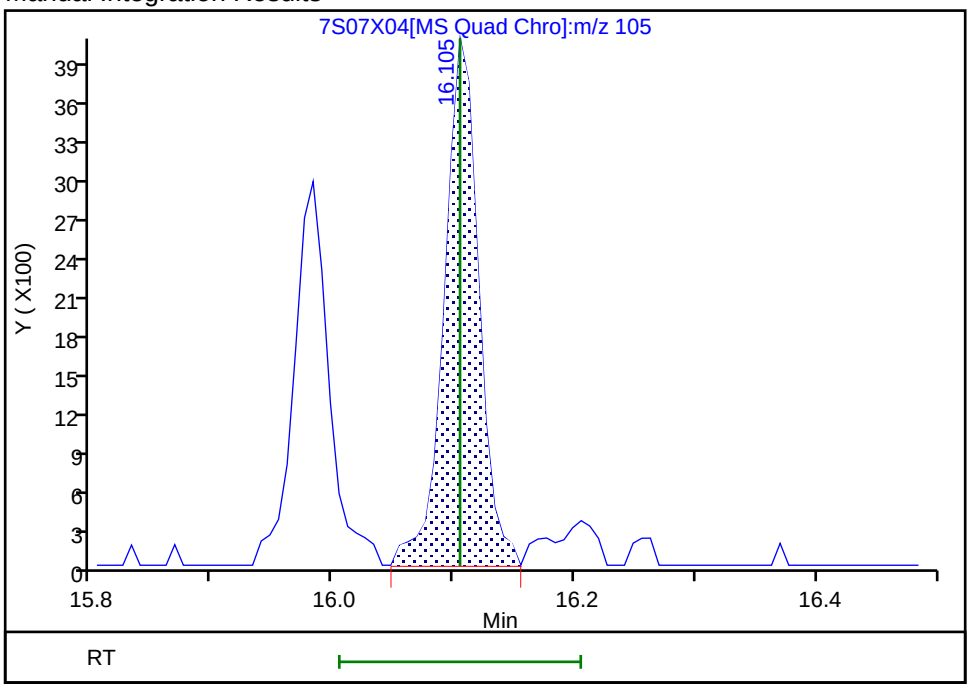
Processing Integration Results

RT: 16.10
Area: 8927
Amount: 0.053941
Amount Units: ppb v/v




Manual Integration Results

RT: 16.10
Area: 8034
Amount: 0.049135
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:56:32 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

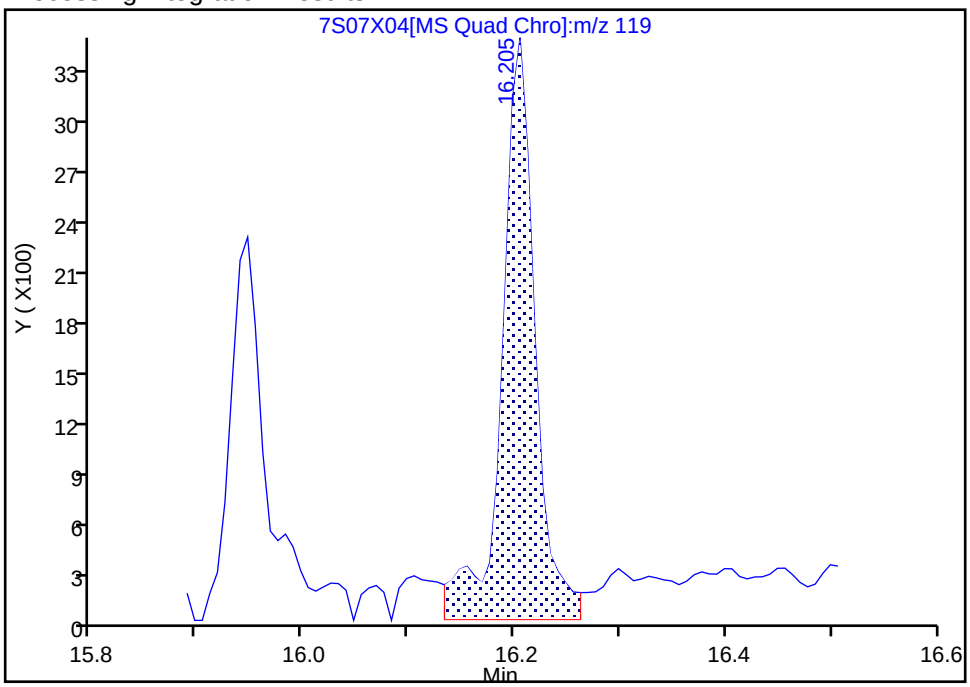
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

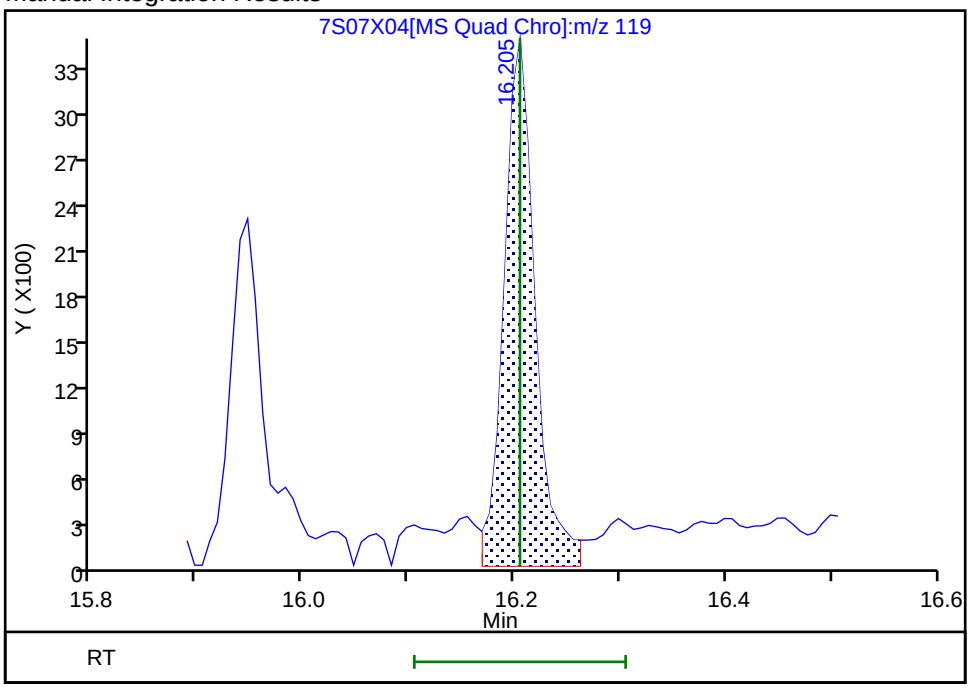
Processing Integration Results

RT: 16.21
Area: 7474
Amount: 0.057044
Amount Units: ppb v/v




Manual Integration Results

RT: 16.21
Area: 6904
Amount: 0.053208
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:33:51 -04:00:00 (UTC)

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

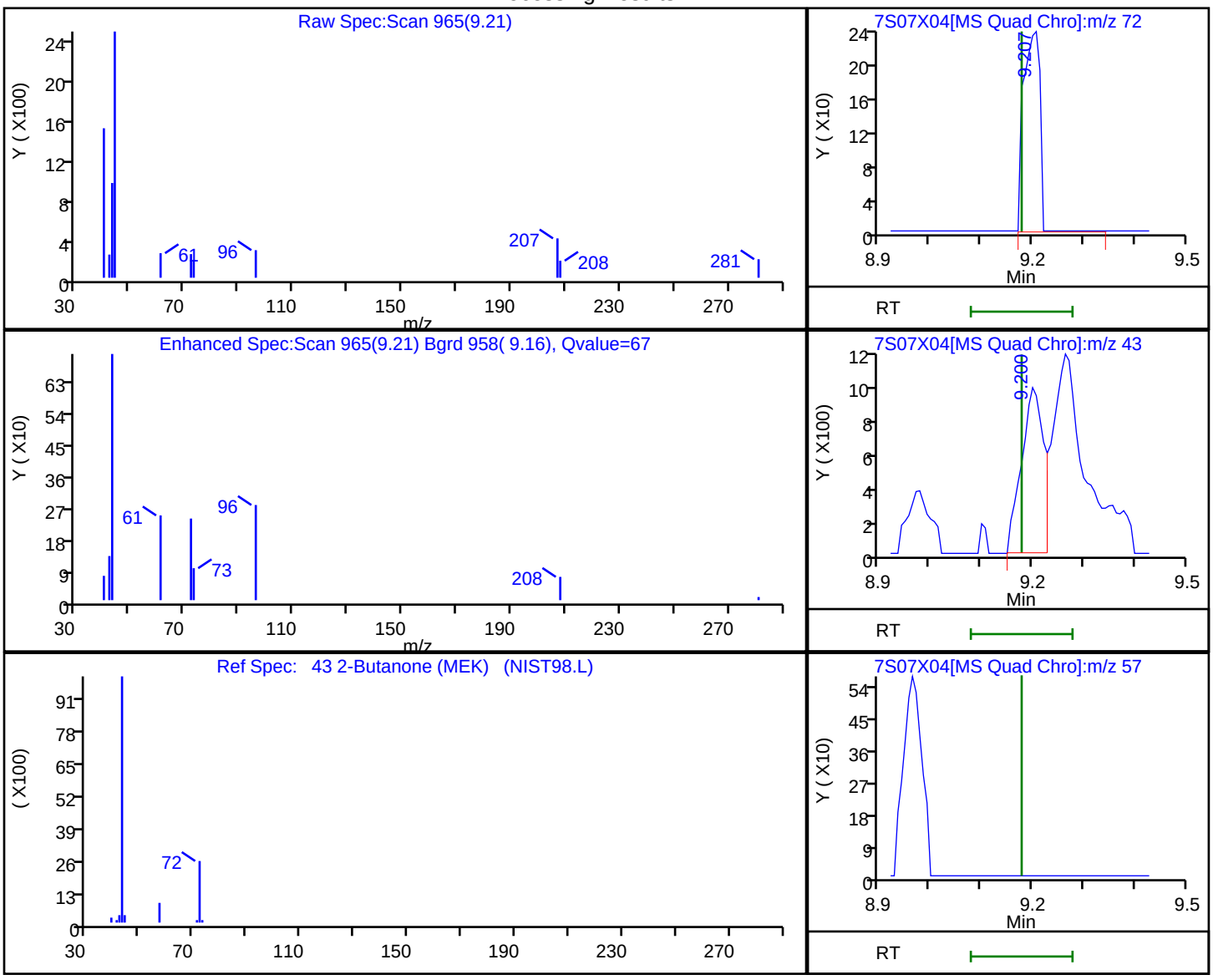
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D | | | | |
| Injection Date: | 07-Sep-2025 23:25:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.05ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.21 | 72.00 | 524 | 0.038487 |
| 9.20 | 43.00 | 2893 | |
| 9.18 | 57.00 | 0 | |

Reviewer: D7UM, 10-Sep-2025 09:31:52 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Lims ID: IC Cal 0.2ppb
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Sep-2025 23:52:32 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.2PPB
Misc. Info.: 410-0158855-005
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:19 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:41:16

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 95 | 5906 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 84 | 16409 | 0.2000 | 0.2105 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 40 | 10458 | 0.2000 | 0.2370 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 86 | 16118 | 0.2000 | 0.2325 | |
| 5 Chloromethane | 50 | 3.763 | 3.770 | -0.007 | 94 | 7776 | 0.2000 | 0.2786 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 87 | 10201 | 0.2000 | 0.1947 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 60 | 6320 | 0.2000 | 0.2224 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 92 | 4258 | 0.2000 | 0.1933 | |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 72 | 4413 | 0.2000 | 0.2085 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 52 | 3658 | 0.2000 | 0.2132 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 75 | 5820 | 0.2000 | 0.2114 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 73 | 14304 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 73 | 14793 | 0.2000 | 0.2083 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 91 | 12897 | NC | NC | M |
| 14 Ethanol | 45 | 5.675 | 5.661 | 0.014 | 76 | 2135 | NC | NC | M |
| 19 Acrolein | 56 | 6.170 | 6.148 | 0.022 | 53 | 2248 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 84 | 9943 | 0.2000 | 0.2070 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.377 | 6.370 | 0.007 | 77 | 7685 | 0.2000 | 0.2170 | |
| 23 Acetone | 43 | 6.392 | 6.377 | 0.015 | 95 | 12911 | 0.2000 | 0.2547 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 80 | 8759 | 0.2000 | 0.2334 | M |
| 18 Iodomethane | 142 | 6.614 | 6.606 | 0.008 | 81 | 6978 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 95 | 21100 | 0.2000 | 0.2076 | |
| 28 Acetonitrile | 41 | 6.843 | 6.829 | 0.014 | 92 | 6677 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 80 | 9600 | 0.2000 | 0.2052 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.187 | 0.007 | 85 | 5986 | 0.2000 | 0.2226 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 36 | 7140 | 0.2280 | 0.2294 | |
| 31 Acrylonitrile | 53 | 7.545 | 7.531 | 0.014 | 89 | 5590 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 82 | 15360 | 0.2000 | 0.2089 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 86 | 10195 | 0.2000 | 0.1996 | |
| 25 Hexane | 56 | 8.118 | 8.111 | 0.007 | 75 | 5284 | 0.2000 | 0.2006 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.347 | 8.326 | 0.021 | 90 | 875 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 78 | 12792 | 0.2000 | 0.2054 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 90 | 21409 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 88 | 18587 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.193 | 9.178 | 0.015 | 87 | 2666 | 0.2000 | 0.1850 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 72 | 11395 | 0.2000 | 0.1966 | |
| 38 Ethyl acetate | 70 | 9.264 | 9.243 | 0.022 | 80 | 1533 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.343 | 9.321 | 0.022 | 73 | 11017 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 341173 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 38 | 7998 | 0.2000 | 0.1917 | M |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 74 | 13237 | 0.2000 | 0.1896 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 52 | 12967 | 0.2000 | 0.2105 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 89 | 9961 | 0.2000 | 0.2046 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.303 | 0.007 | 78 | 11428 | 0.2000 | 0.2004 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 546566 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 58 | 20836 | 0.2000 | 0.2052 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 58 | 9230 | 0.2000 | 0.1971 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 70 | 16001 | NC | NC | M |
| 44 Isooctane | 57 | 10.783 | 10.775 | 0.008 | 90 | 30718 | 0.2000 | 0.1976 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 58 | 5787 | 0.2000 | 0.1884 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1256184 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 77 | 7439 | 0.2000 | 0.1840 | |
| 52 Ethyl acrylate | 55 | 11.642 | 11.635 | 0.007 | 86 | 13526 | NC | NC | M |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 72 | 8857 | 0.2000 | 0.2095 | M |
| 55 Methyl methacrylate | 69 | 11.950 | 11.943 | 0.007 | 79 | 6405 | 0.2000 | 0.1997 | M |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 67 | 2975 | 0.2000 | 0.2168 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 83 | 7666 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 14594 | 0.2000 | 0.1972 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 75 | 11709 | 0.2000 | 0.1969 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 92 | 17345 | 0.2000 | 0.2217 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372473 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 78 | 25777 | 0.2000 | 0.2134 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 86 | 17851 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.347 | 13.340 | 0.007 | 79 | 9259 | 0.2000 | 0.1912 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 76 | 10504 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 84 | 8185 | 0.2000 | 0.2018 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 88 | 15270 | 0.2000 | 0.2934 | |
| 67 2-Hexanone | 43 | 13.727 | 13.719 | 0.008 | 90 | 16653 | 0.2000 | 0.2264 | M |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 76 | 10165 | 0.2000 | 0.1951 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 90 | 12359 | 0.2000 | 0.2032 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 90 | 1173053 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 64 | 17968 | 0.2000 | 0.1965 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 93 | 28451 | 0.2000 | 0.1951 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 46 | 8820 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 95 | 41051 | 0.4000 | 0.3793 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 90 | 20059 | 0.2000 | 0.1865 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 89 | 15594 | 0.2000 | 0.1995 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 82 | 10851 | 0.2000 | 0.1923 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 77 | 25619 | 0.2000 | 0.1902 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 12 | 19345 | 0.2000 | 0.2092 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 58 | 5250 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 85 | 10131 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 76 | 7432 | 0.2000 | 0.2032 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 83 | 28674 | 0.2000 | 0.2131 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 86 | 7473 | 0.2000 | 0.2141 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 70 | 23087 | 0.2000 | 0.2143 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 85 | 11237 | NC | NC | M |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 71 | 21624 | 0.2000 | 0.2015 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 97 | 22602 | 0.2000 | 0.1985 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 94 | 33972 | 0.2000 | 0.2080 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 92 | 27427 | 0.2000 | 0.2116 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 93 | 15317 | 0.2000 | 0.2029 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 91 | 15714 | 0.2000 | 0.2069 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 79 | 3665 | 0.2000 | 0.2056 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 93 | 14426 | 0.2000 | 0.2062 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 91 | 15179 | 0.2000 | 0.2172 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 69 | 2112 | NC | NC | M |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 58 | 7368 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 81 | 7396 | 0.2000 | 0.1568 | |
| 96 Hexachlorobutadiene | 225 | 17.975 | 17.974 | 0.001 | 85 | 10113 | 0.2000 | 0.2382 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 93 | 16982 | 0.2000 | 0.1516 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 21590 | 0.4000 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 0.4000 | 0.3881 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 61110 | 0.6000 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL0.5_00151 | Amount Added: | 80.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:47:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D

Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004

Lims ID: IC Cal 0.2ppb

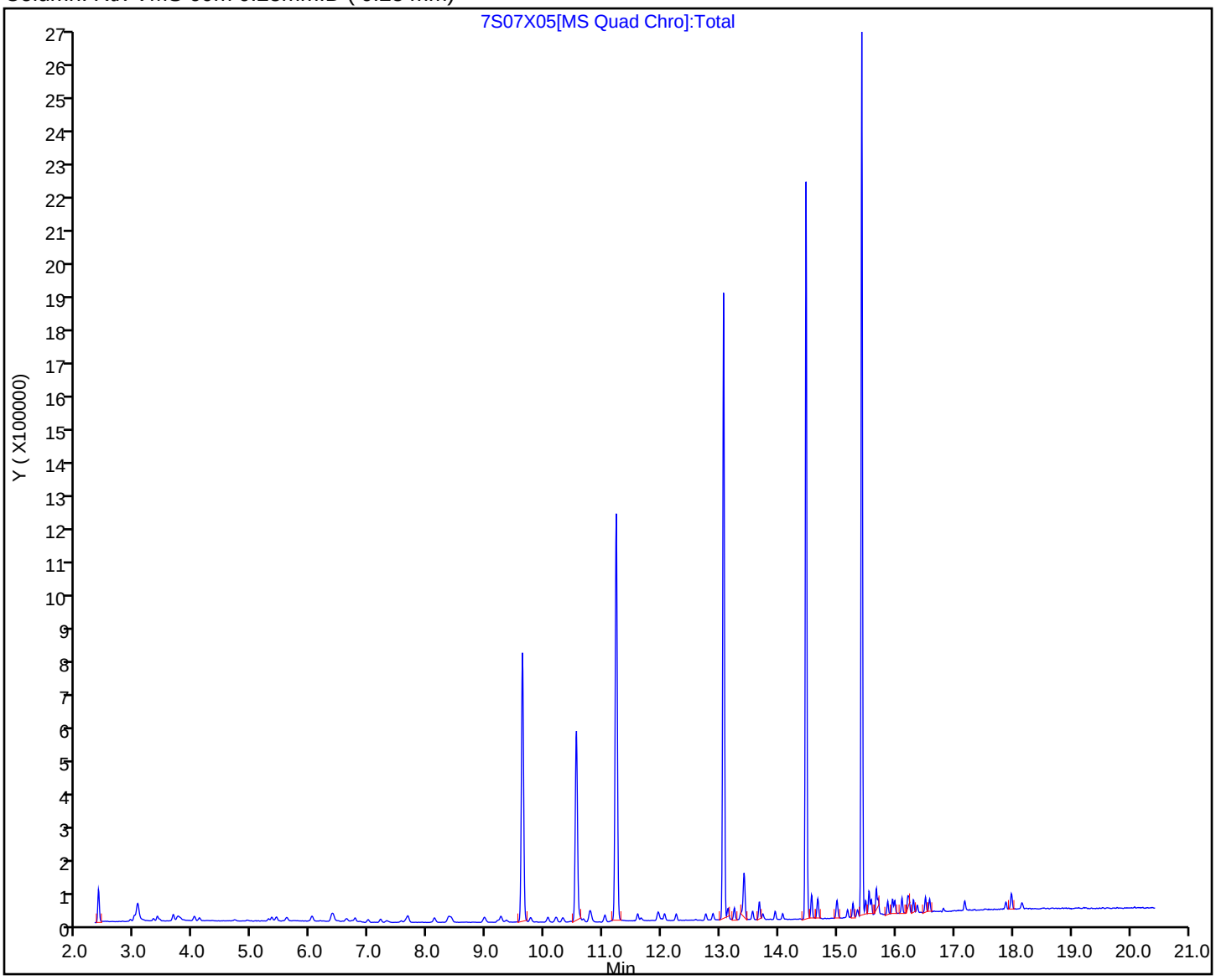
Client ID:

Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

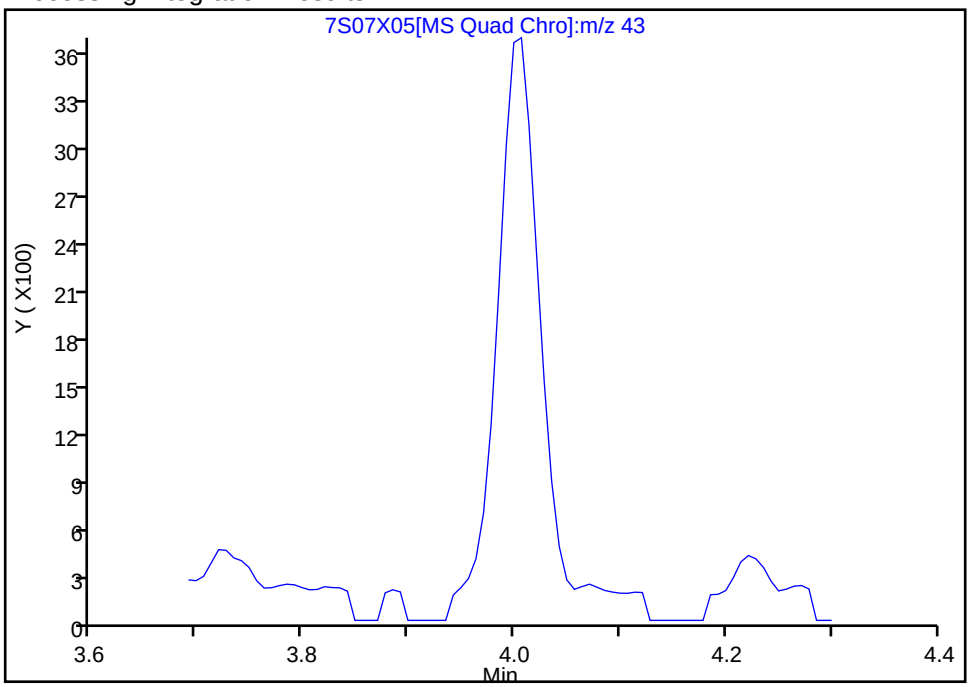
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

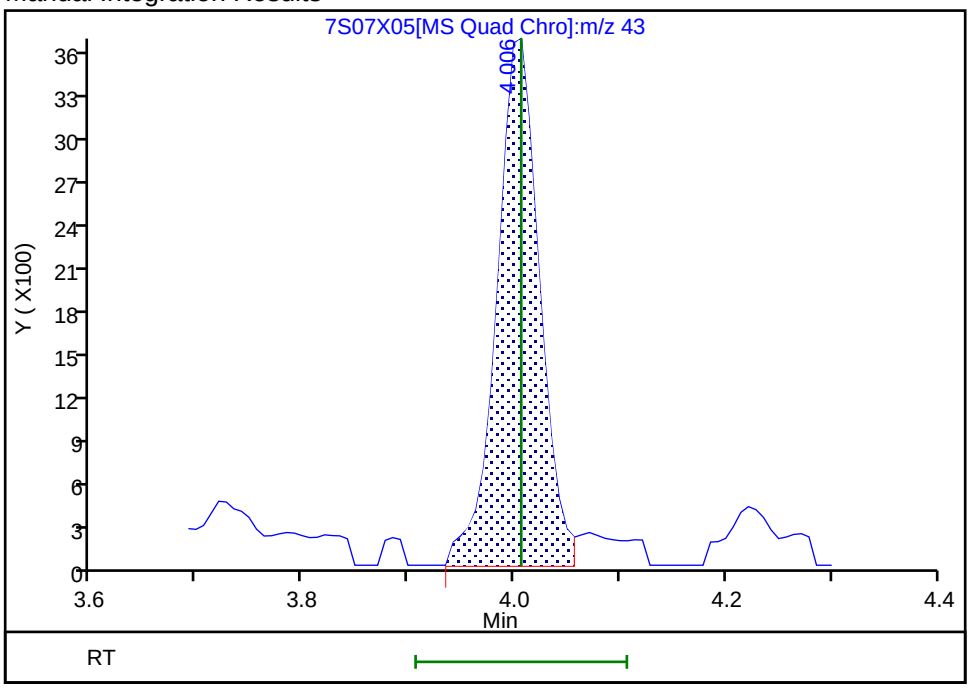
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 10201
Amount: 0.194735
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:07:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

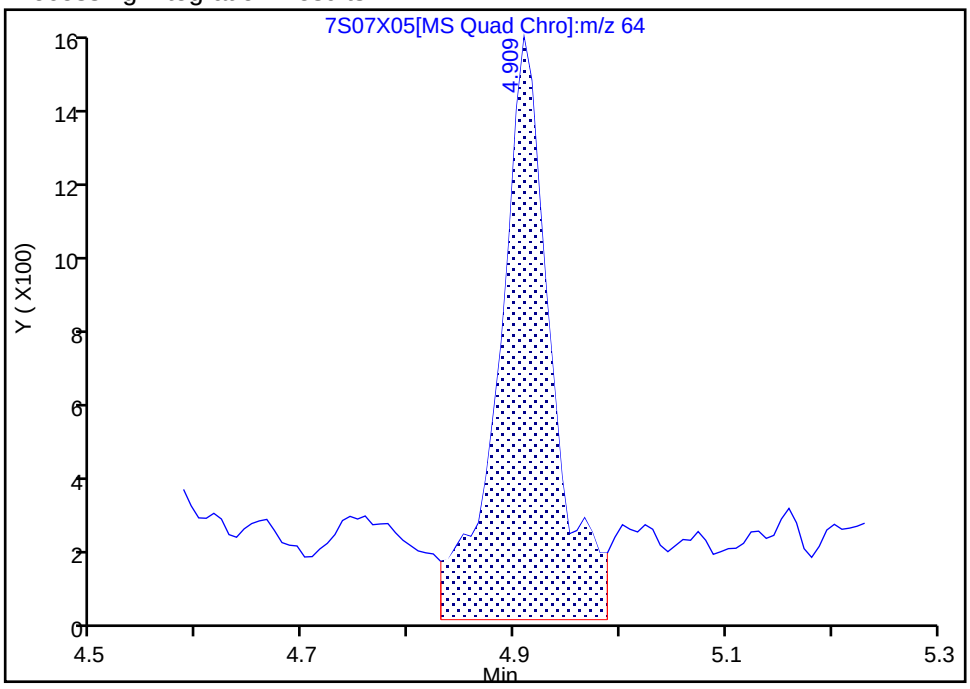
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

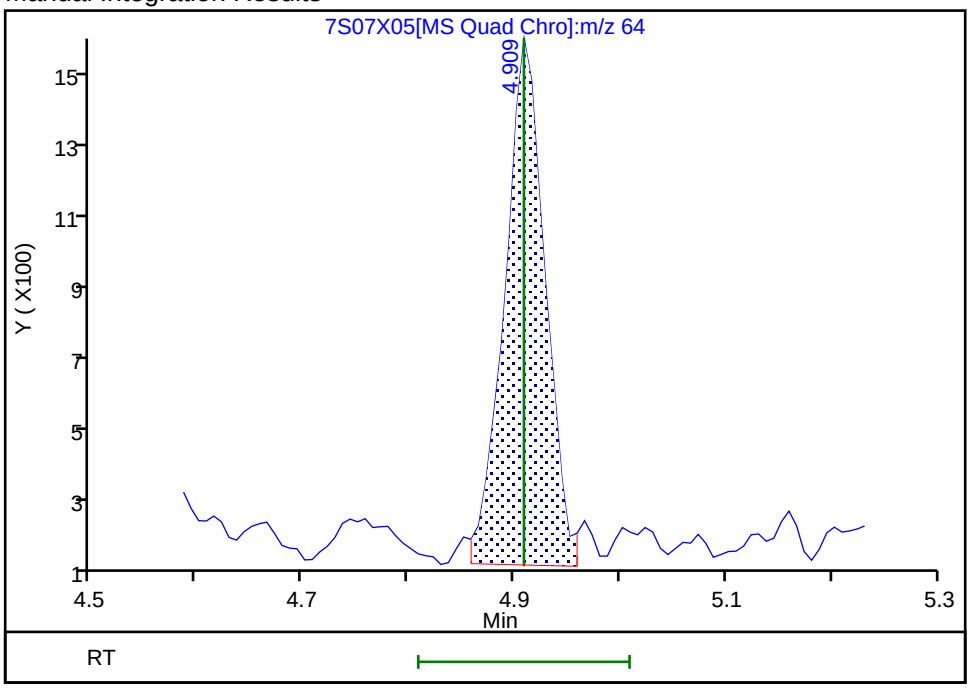
Processing Integration Results

RT: 4.91
Area: 5293
Amount: 0.288630
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 3658
Amount: 0.213151
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:34:56 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

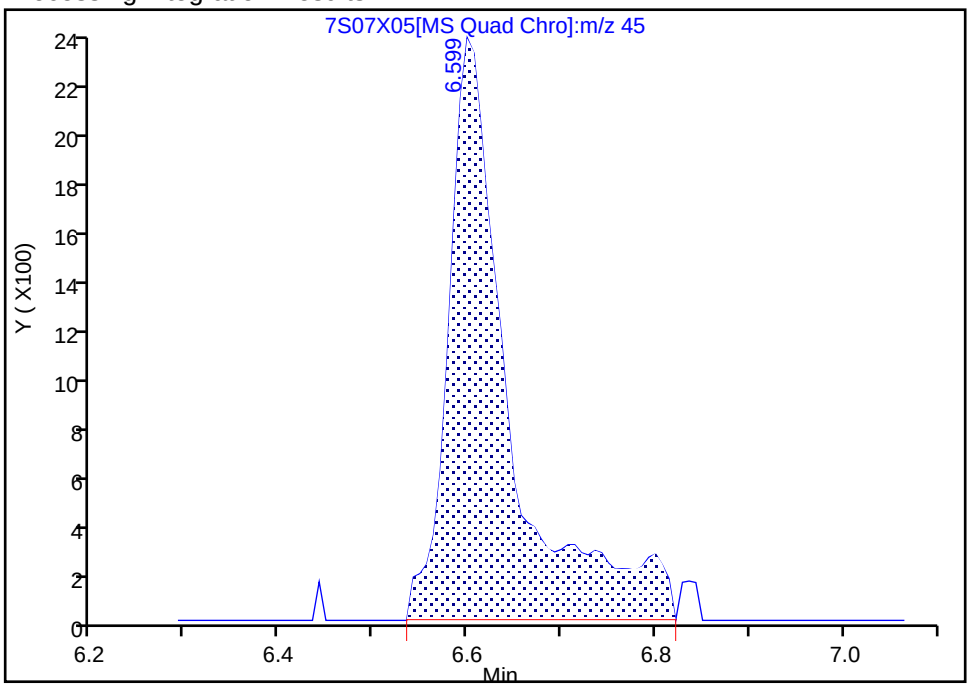
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

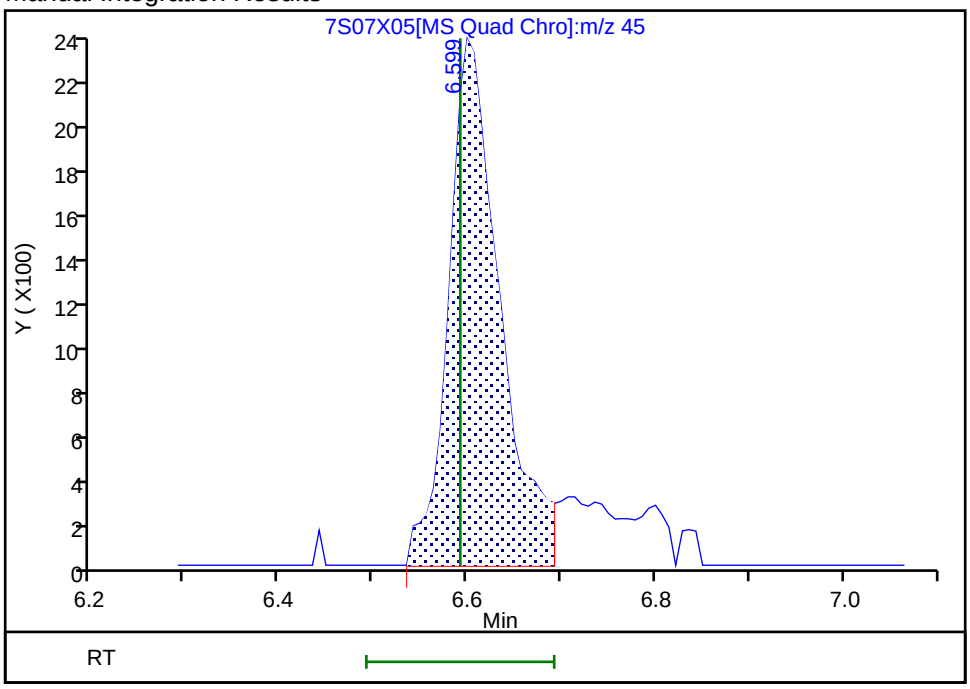
Processing Integration Results

RT: 6.60
Area: 10593
Amount: 0.240302
Amount Units: ppb v/v




Manual Integration Results

RT: 6.60
Area: 8759
Amount: 0.233435
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:51:43 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

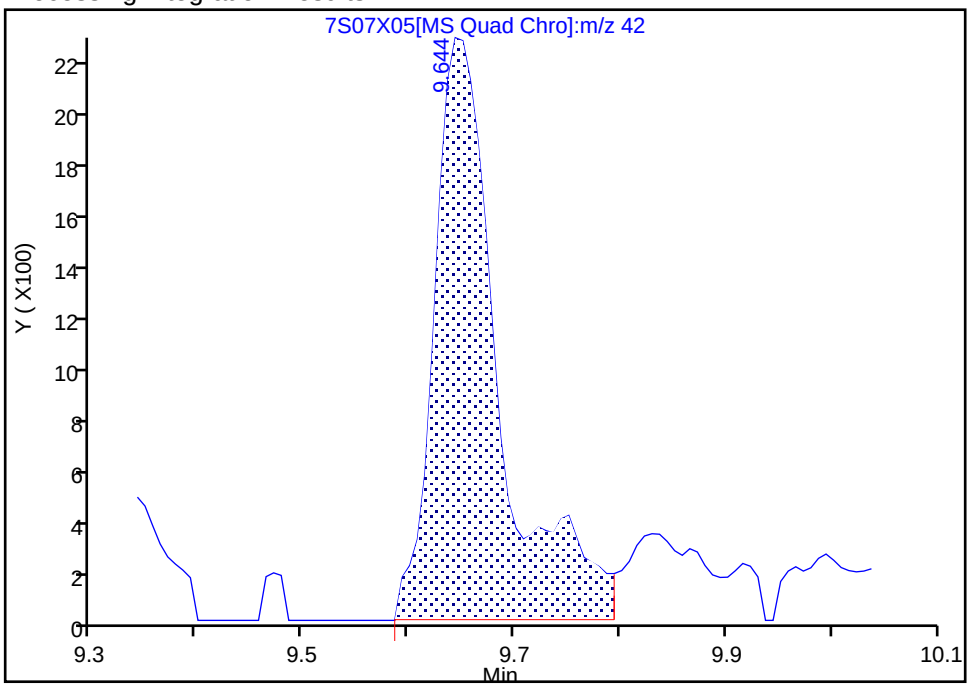
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

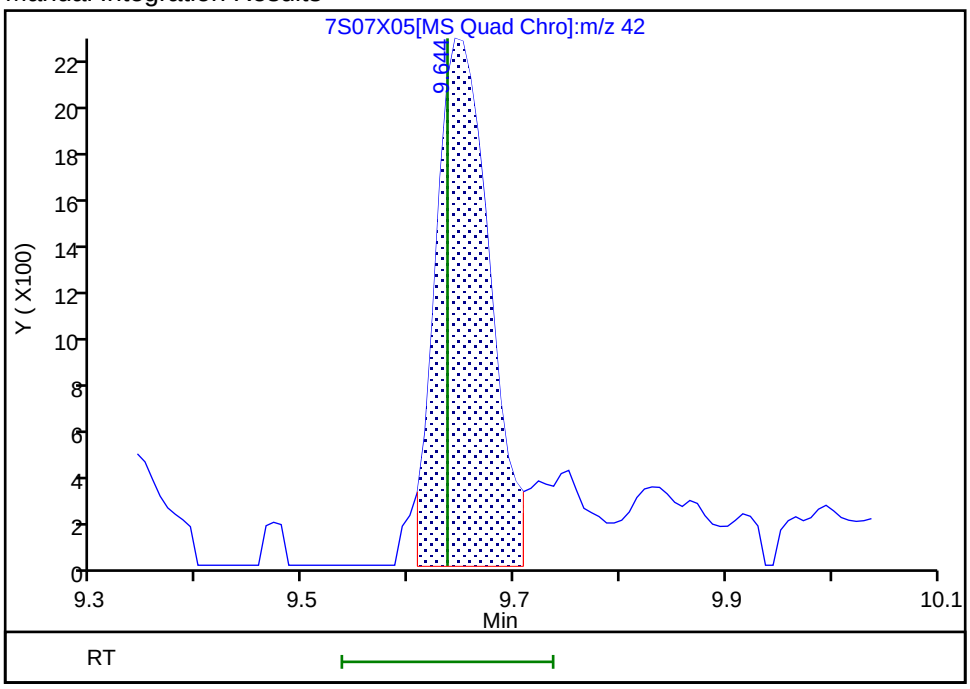
Processing Integration Results

RT: 9.64
Area: 9807
Amount: 0.182273
Amount Units: ppb v/v




Manual Integration Results

RT: 9.64
Area: 7998
Amount: 0.191724
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:35:54 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

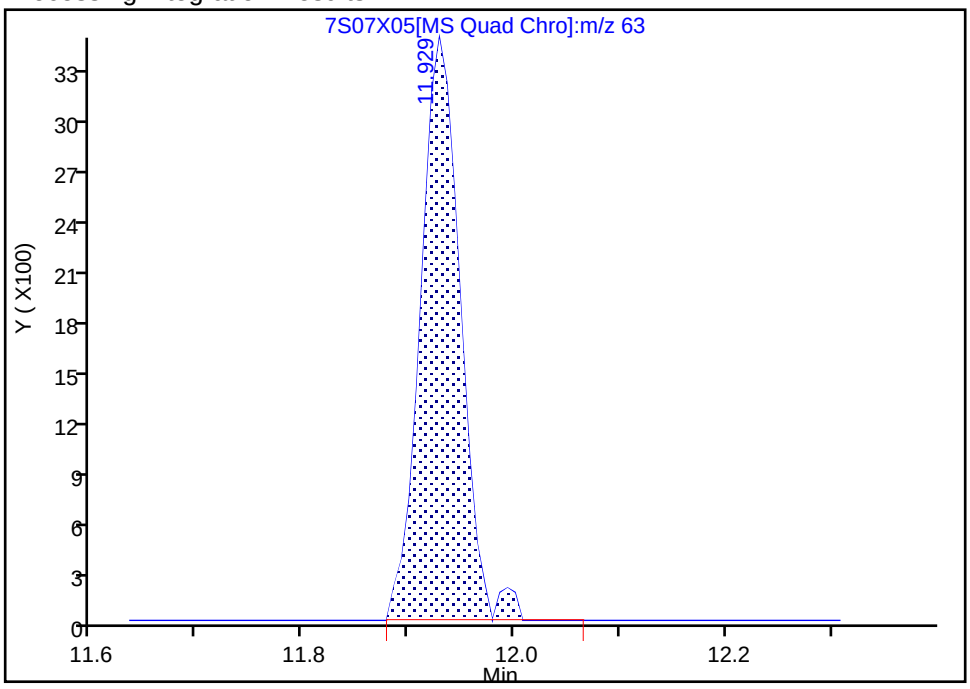
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

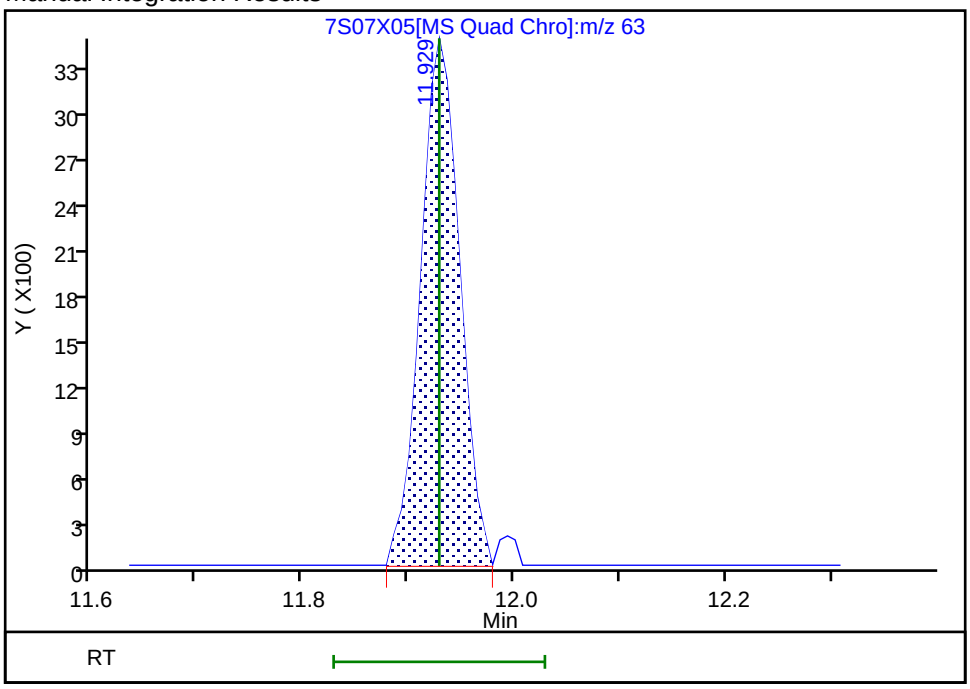
Processing Integration Results

RT: 11.93
Area: 9082
Amount: 0.197029
Amount Units: ppb v/v




Manual Integration Results

RT: 11.93
Area: 8857
Amount: 0.209539
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:41:09 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

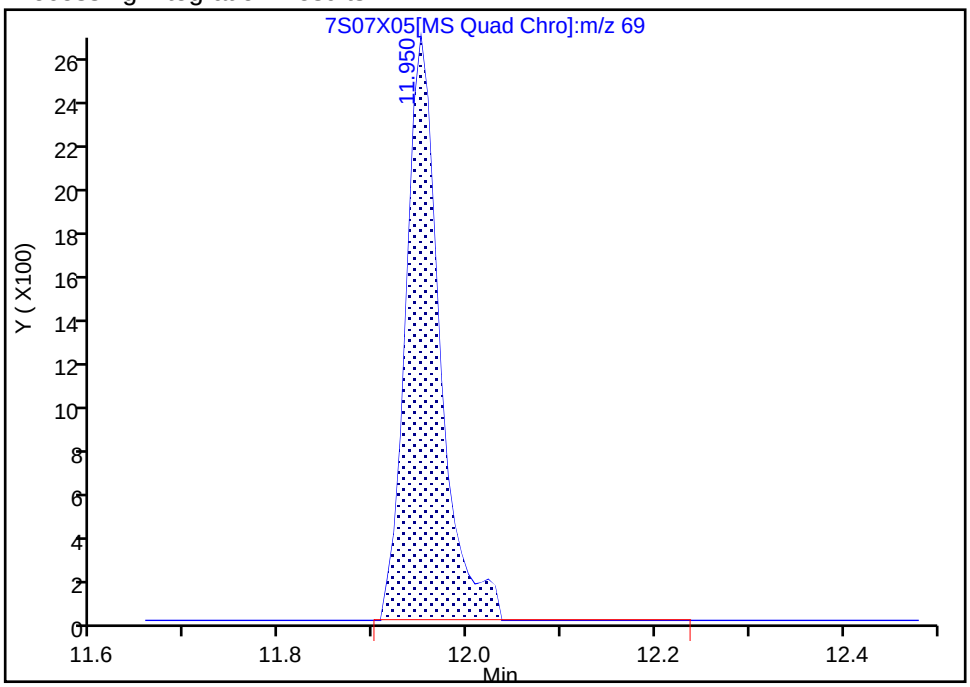
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

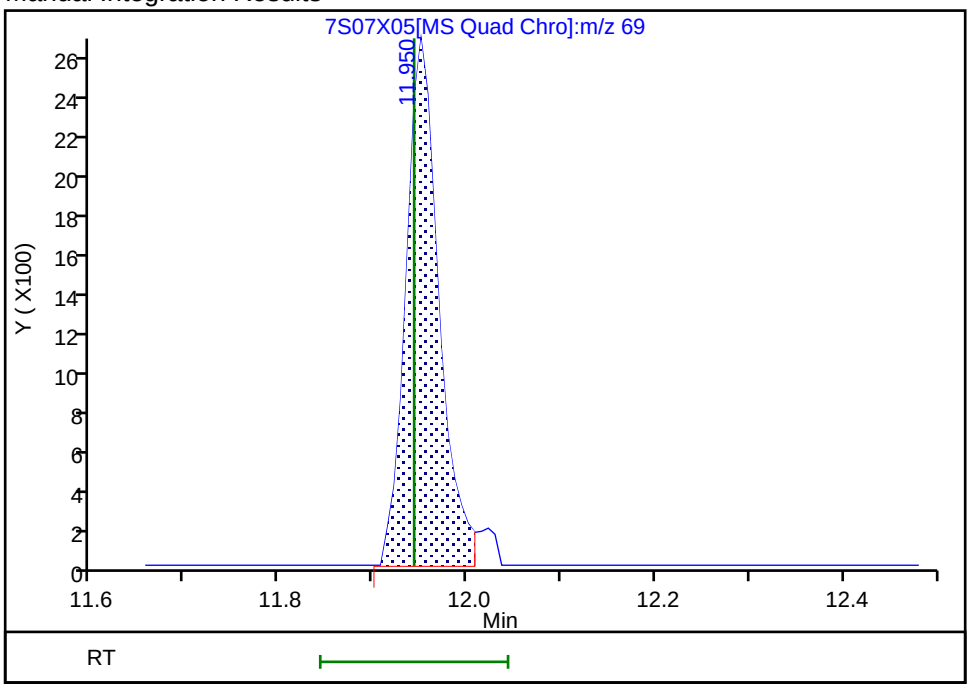
Processing Integration Results

RT: 11.95
Area: 6660
Amount: 0.213785
Amount Units: ppb v/v




Manual Integration Results

RT: 11.95
Area: 6405
Amount: 0.199656
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:41:44 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

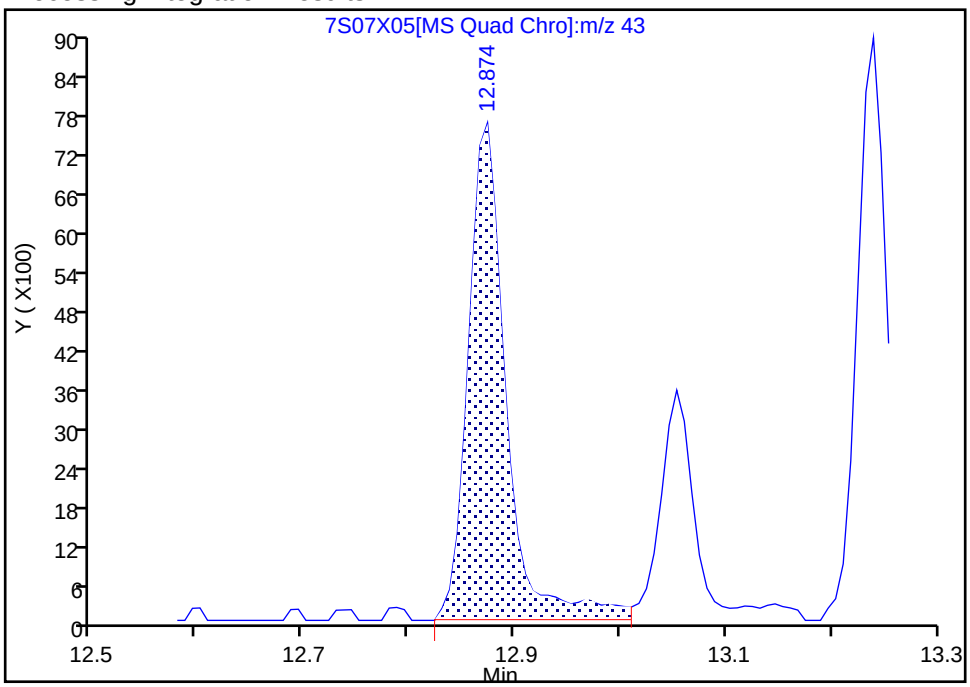
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

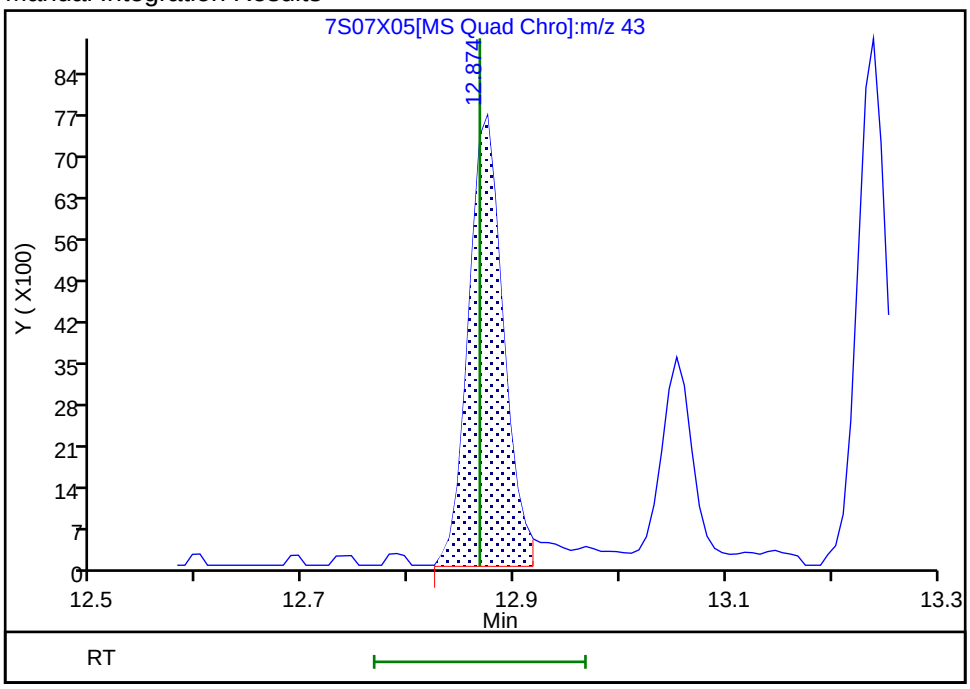
Processing Integration Results

RT: 12.87
Area: 18971
Amount: 0.239018
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 17345
Amount: 0.221734
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:02:58 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

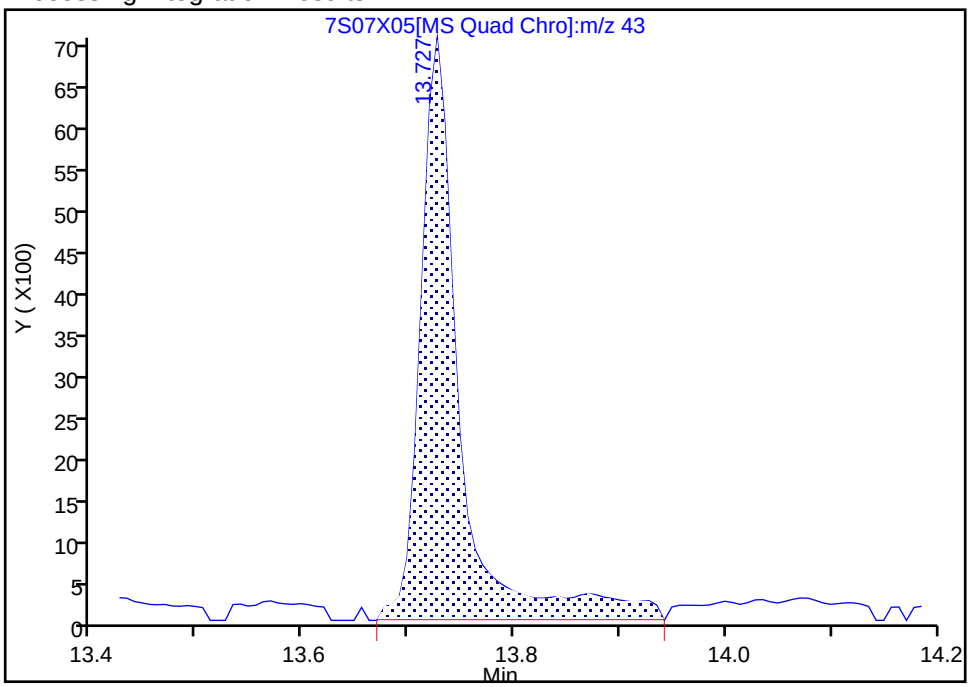
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

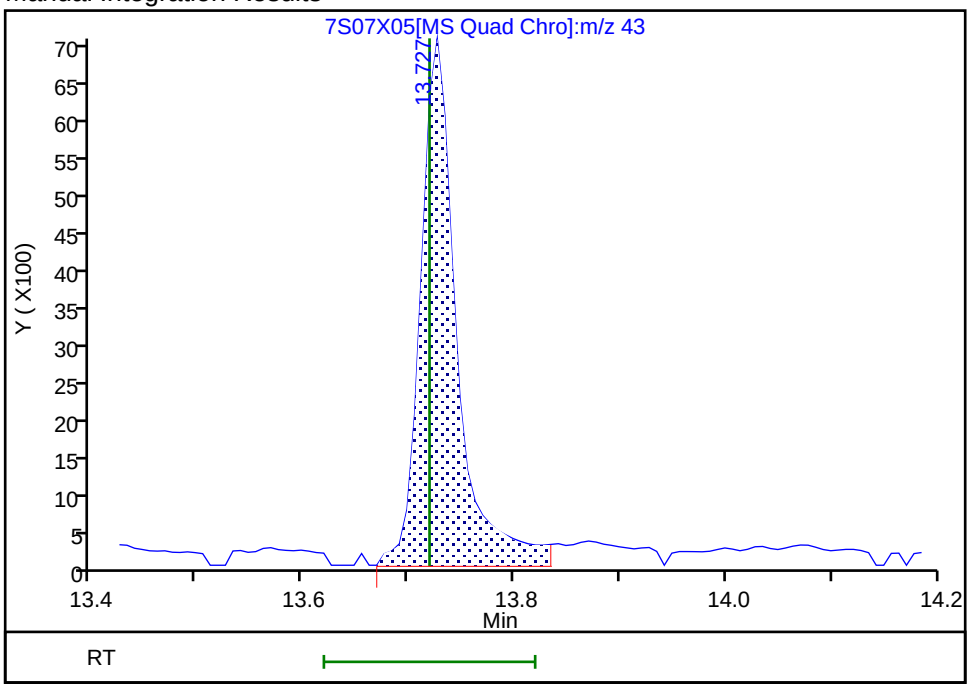
Processing Integration Results

RT: 13.73
Area: 18282
Amount: 0.244198
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 16653
Amount: 0.226366
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:29 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

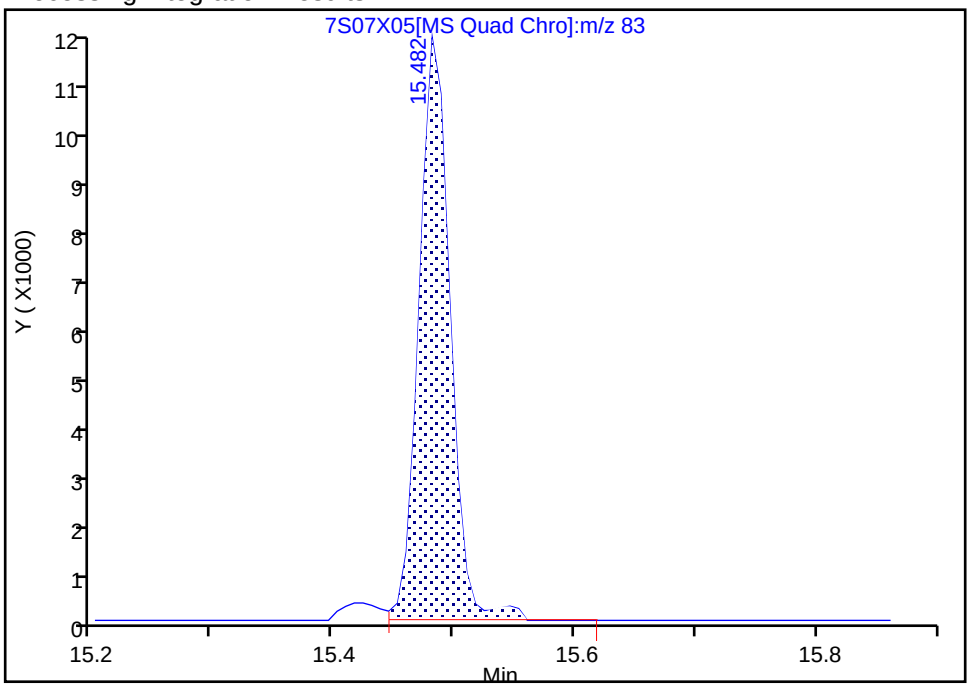
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

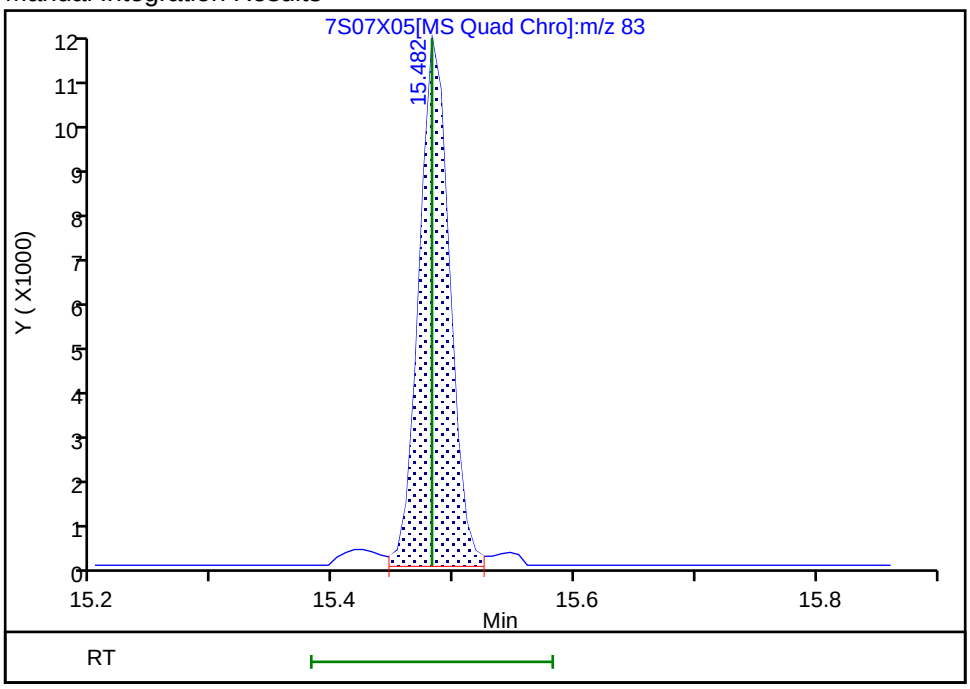
Processing Integration Results

RT: 15.48
Area: 19782
Amount: 0.213364
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 19345
Amount: 0.209199
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:42 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

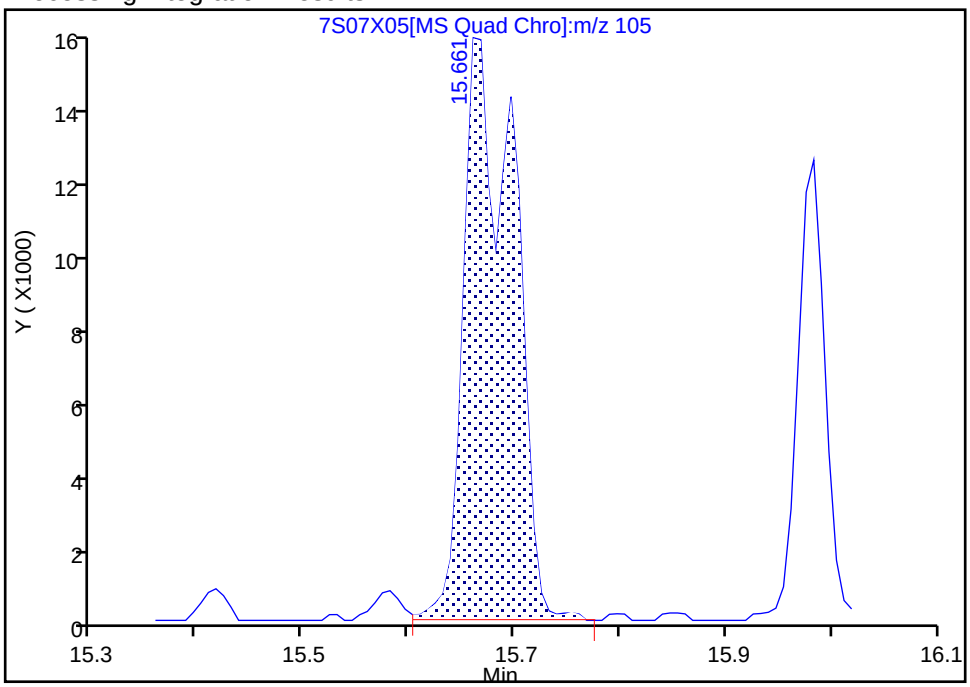
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

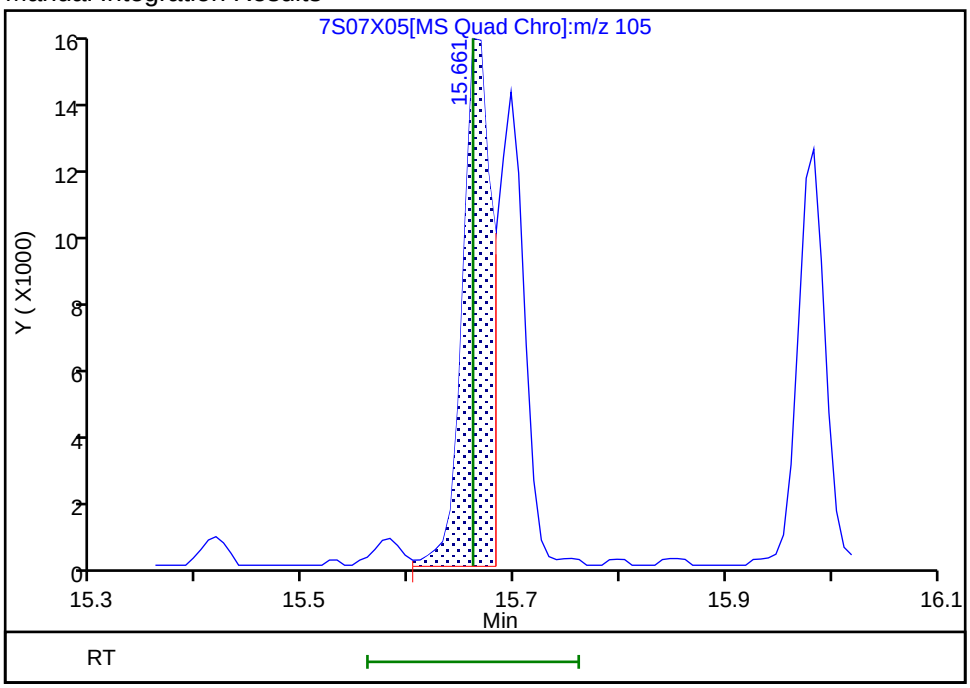
Processing Integration Results

RT: 15.66
Area: 51761
Amount: 0.249394
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 28674
Amount: 0.213065
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:42:41 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

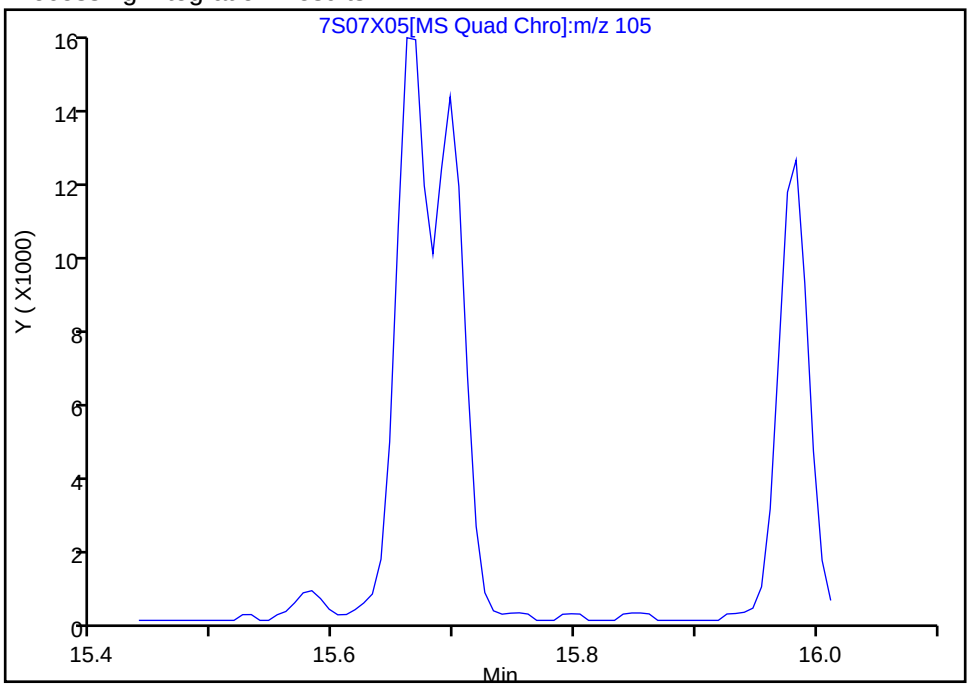
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

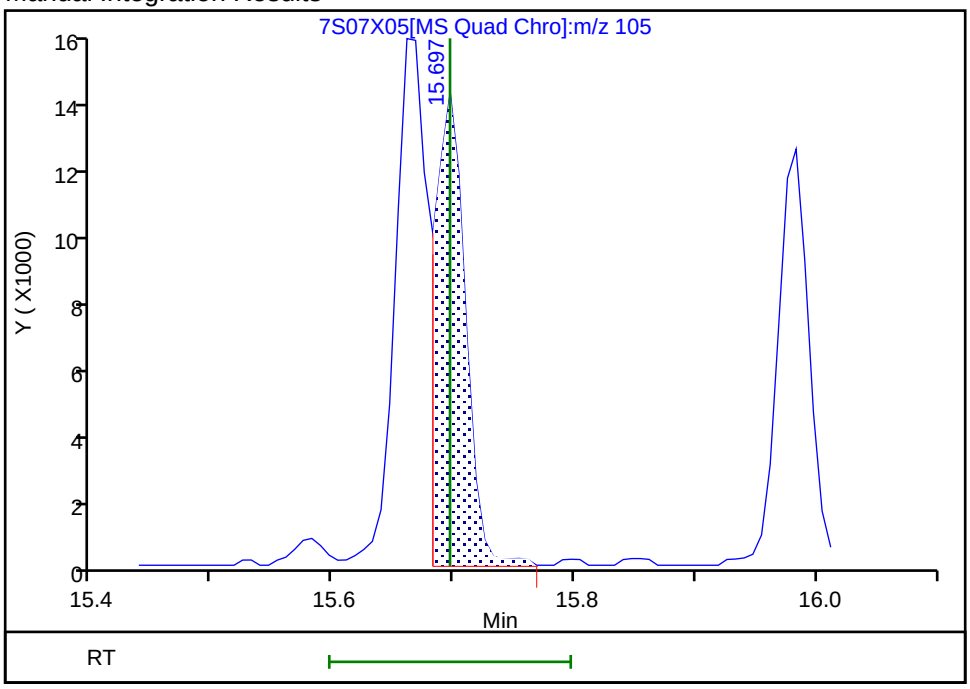
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 23087
Amount: 0.214293
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:42:54 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

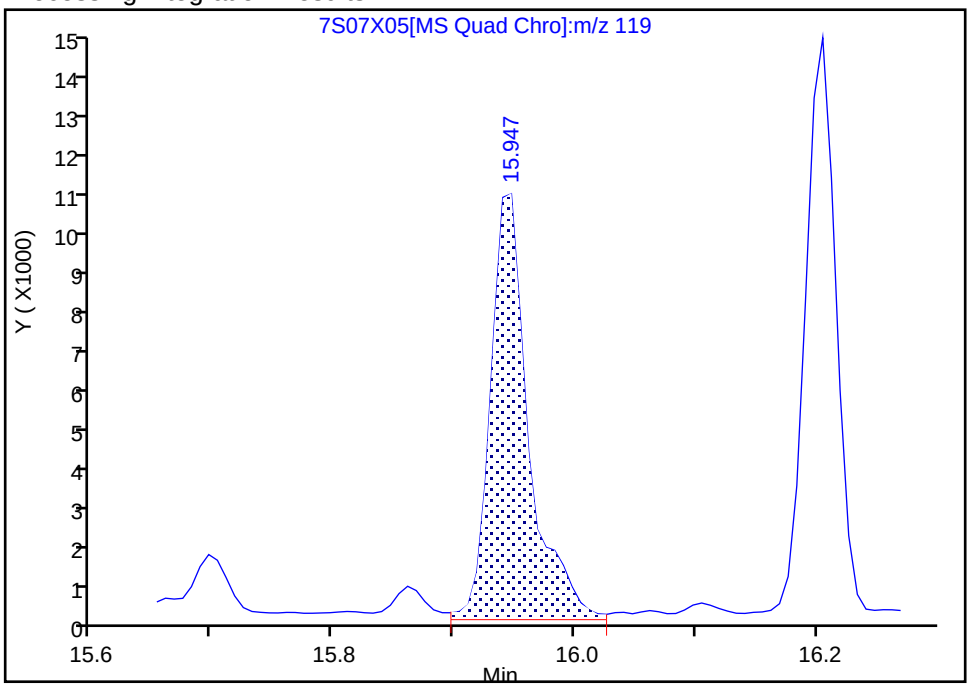
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D | | | | |
| Injection Date: | 07-Sep-2025 23:52:32 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.2ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

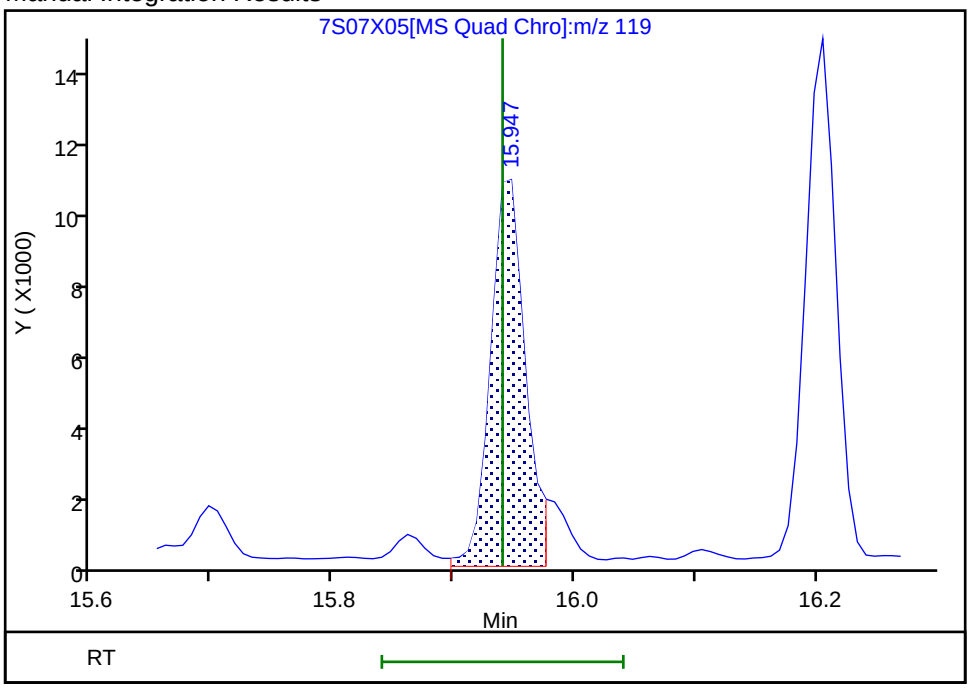
Processing Integration Results

RT: 15.95
Area: 24193
Amount: 0.220450
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 21624
Amount: 0.201468
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:36:52 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Lims ID: IC Cal 0.5ppb
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Sep-2025 00:19:00 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 0.5PPB
Misc. Info.: 410-0158855-006
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:47:50 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:26:31

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 8938 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 37642 | 0.5000 | 0.4941 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 71 | 15244 | 0.5000 | 0.3535 | M |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 94 | 25302 | 0.5000 | 0.3733 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 97 | 10305 | 0.5000 | 0.3777 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 92 | 24688 | 0.5000 | 0.4821 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 60 | 10792 | 0.5000 | 0.3885 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 84 | 10194 | 0.5000 | 0.4734 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 83 | 10618 | 0.5000 | 0.5132 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 83 | 9186 | 0.5000 | 0.5476 | M |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 91 | 12429 | 0.5000 | 0.4619 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 81 | 35045 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 85 | 34140 | 0.5000 | 0.4918 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 95 | 31019 | NC | NC | |
| 14 Ethanol | 45 | 5.683 | 5.661 | 0.022 | 50 | 3883 | NC | NC | M |
| 19 Acrolein | 56 | 6.163 | 6.148 | 0.015 | 90 | 5702 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 23451 | 0.5000 | 0.4994 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 92 | 14075 | 0.5000 | 0.4067 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.008 | 96 | 25206 | 0.5000 | 0.5086 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 76 | 20019 | 0.5000 | 0.5458 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 96 | 25252 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 98 | 46995 | 0.5000 | 0.4731 | |
| 28 Acetonitrile | 41 | 6.843 | 6.829 | 0.014 | 87 | 14474 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 87 | 23597 | 0.5000 | 0.5160 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 12998 | 0.5000 | 0.4945 | |
| 27 2-Methyl-2-propanol | 59 | 7.301 | 7.287 | 0.014 | 90 | 14117 | 0.5700 | 0.4641 | M |
| 31 Acrylonitrile | 53 | 7.538 | 7.531 | 0.007 | 92 | 11885 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.631 | 0.007 | 90 | 30136 | 0.5000 | 0.4192 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 90 | 25882 | 0.5000 | 0.5184 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 92 | 12988 | 0.5000 | 0.5043 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.333 | 8.326 | 0.007 | 97 | 3559 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 83 | 34545 | 0.5000 | 0.5675 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.390 | 0.007 | 94 | 45930 | NC | NC | M |
| 32 Tert-butyl ethyl ether | 59 | 8.970 | 8.963 | 0.007 | 89 | 34312 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.193 | 9.178 | 0.015 | 97 | 6757 | 0.5000 | 0.4796 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 72 | 28790 | 0.5000 | 0.5082 | |
| 38 Ethyl acetate | 70 | 9.250 | 9.243 | 0.008 | 71 | 3177 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.336 | 9.321 | 0.015 | 84 | 30566 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 91 | 333502 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 40 | 20196 | 0.5000 | 0.4953 | |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 80 | 37322 | 0.5000 | 0.5469 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 57 | 29194 | 0.5000 | 0.4849 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 93 | 21280 | 0.5000 | 0.4471 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 76 | 28973 | 0.5000 | 0.5199 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 0 | 547841 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 90 | 54276 | 0.5000 | 0.5341 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 21 | 25791 | 0.5000 | 0.5504 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 64 | 29067 | NC | NC | M |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 72721 | 0.5000 | 0.4675 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 88 | 15022 | 0.5000 | 0.4888 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1256982 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 21324 | 0.5000 | 0.5271 | |
| 52 Ethyl acrylate | 55 | 11.642 | 11.635 | 0.007 | 91 | 32281 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 86 | 22964 | 0.5000 | 0.5429 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 85 | 15393 | 0.5000 | 0.4795 | M |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 61 | 4508 | 0.5000 | 0.3283 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 82 | 19604 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 90 | 41156 | 0.5000 | 0.5557 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.753 | 12.745 | 0.008 | 80 | 30963 | 0.5000 | 0.5203 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 92 | 27421 | 0.5000 | 0.3503 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372618 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 78 | 64669 | 0.5000 | 0.5352 | M |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 87 | 45564 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 96 | 23970 | 0.5000 | 0.4947 | M |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 84 | 19554 | NC | NC | M |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 22749 | 0.5000 | 0.5607 | M |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 84 | 27166 | 0.5000 | 0.5218 | |
| 67 2-Hexanone | 43 | 13.727 | 13.719 | 0.008 | 94 | 27736 | 0.5000 | 0.3769 | M |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 86 | 27418 | 0.5000 | 0.5259 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 93 | 33318 | 0.5000 | 0.5475 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1173550 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 90 | 47936 | 0.5000 | 0.5239 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 75974 | 0.5000 | 0.5208 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 47 | 22794 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 97 | 108541 | 1.00 | 1.00 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 93 | 53780 | 0.5000 | 0.4998 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 88 | 38933 | 0.5000 | 0.4980 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 88 | 29996 | 0.5000 | 0.5313 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 80 | 64319 | 0.5000 | 0.4773 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 33 | 46212 | 0.5000 | 0.4995 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 10713 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 88 | 23941 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 76 | 17602 | 0.5000 | 0.4811 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 83 | 64664 | 0.5000 | 0.4803 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 92 | 16666 | 0.5000 | 0.4773 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 56 | 49445 | 0.5000 | 0.4588 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 26116 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 65 | 45387 | 0.5000 | 0.4227 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 92 | 49336 | 0.5000 | 0.4331 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 94 | 67603 | 0.5000 | 0.4138 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 91 | 51196 | 0.5000 | 0.3949 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 36364 | 0.5000 | 0.4815 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 37530 | 0.5000 | 0.4940 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 93 | 6668 | 0.5000 | 0.3740 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 97 | 25483 | 0.5000 | 0.3641 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 92 | 31394 | 0.5000 | 0.4491 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 87 | 18133 | NC | NC | M |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 66 | 13494 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 89 | 18996 | 0.5000 | 0.4027 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 87 | 15691 | 0.5000 | 0.3694 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 97 | 44681 | 0.5000 | 0.3987 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 54672 | 1.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 1.00 | 1.02 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 162321 | 1.50 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: | 10.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:03 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D

Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004

Lims ID: IC Cal 0.5ppb

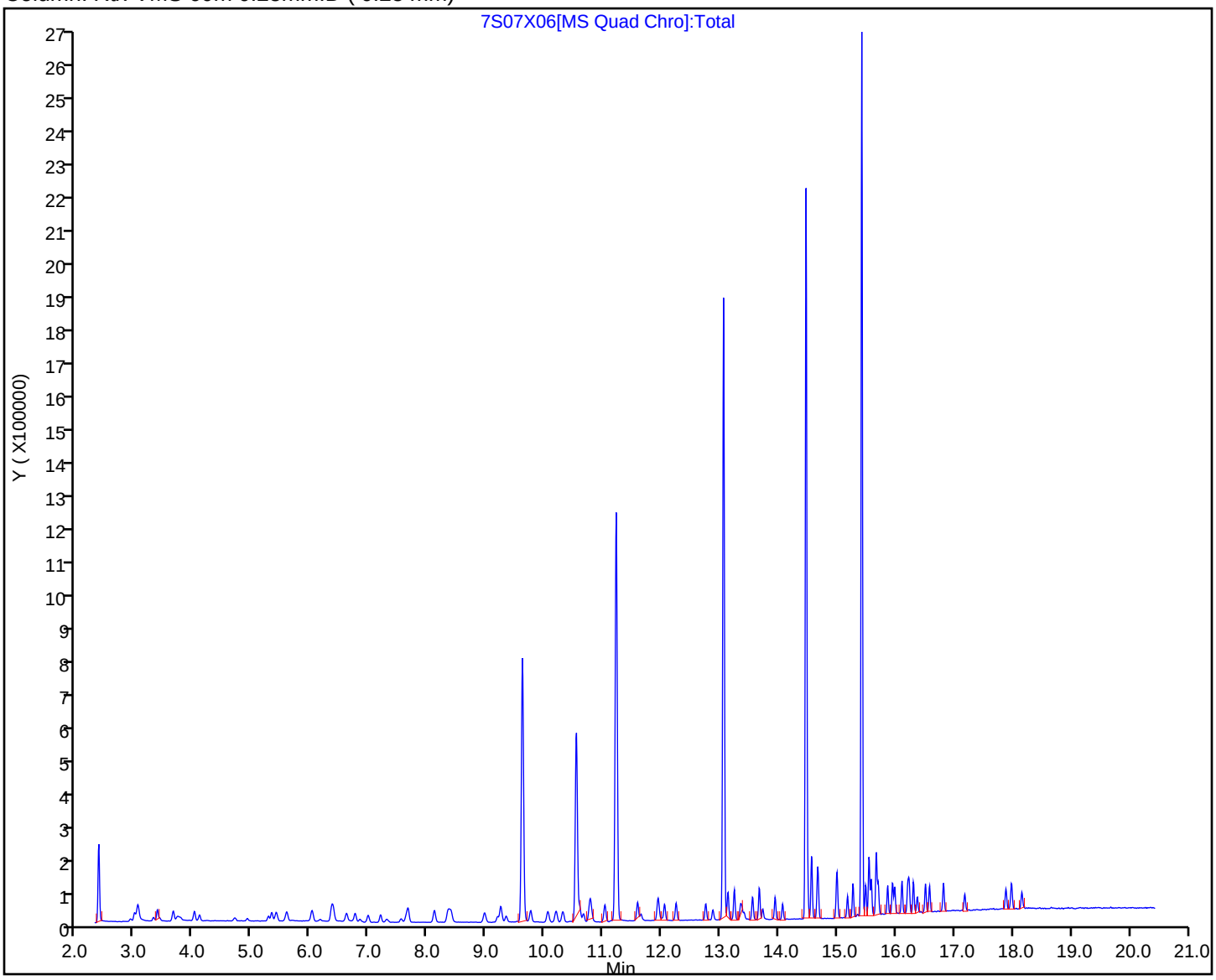
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

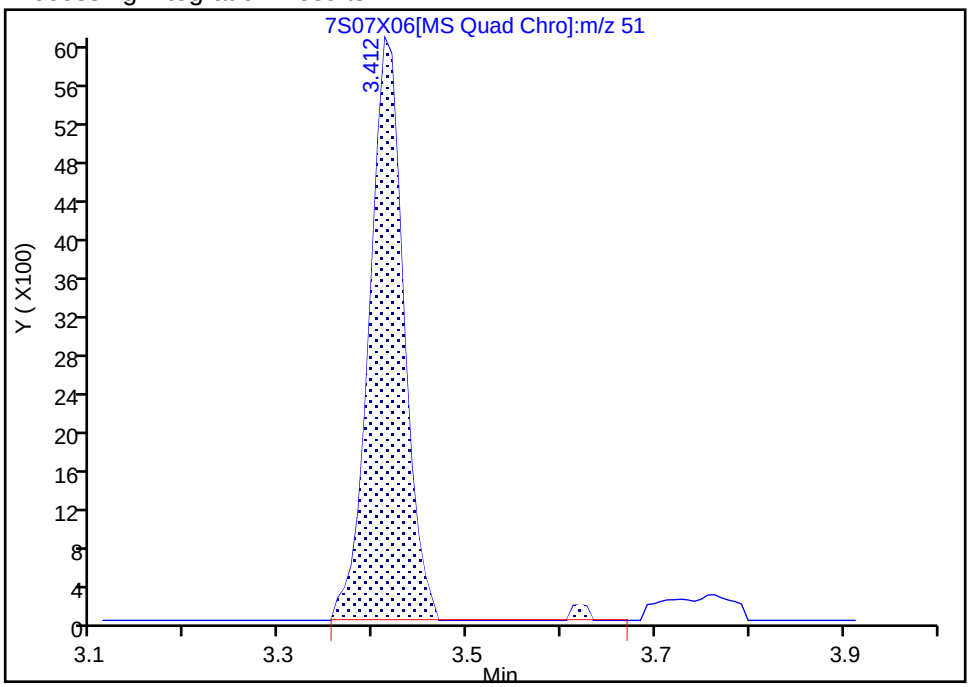
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

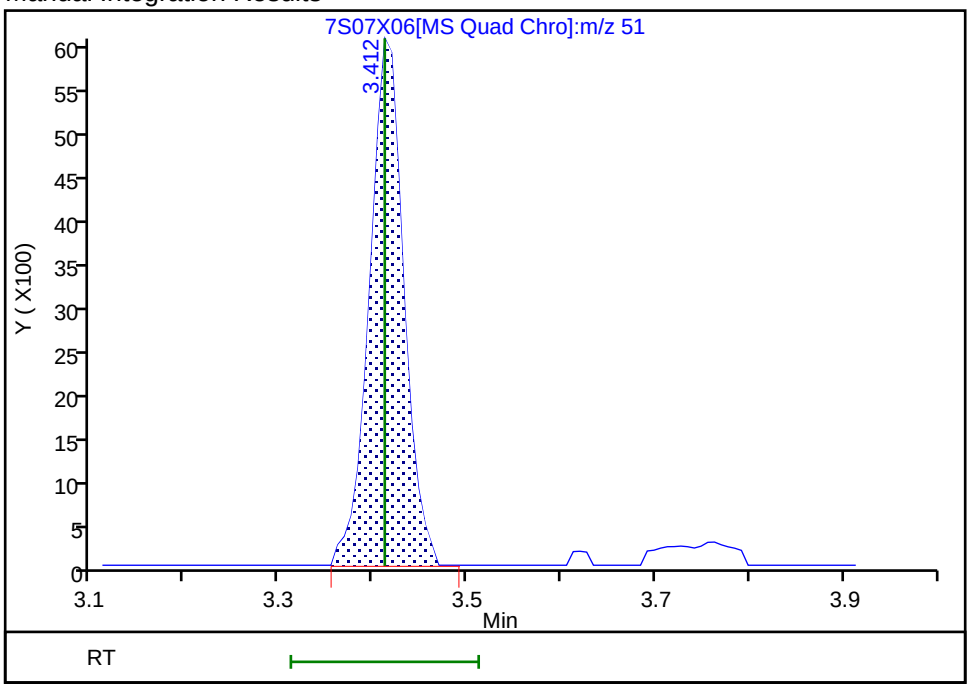
Processing Integration Results

RT: 3.41
Area: 15444
Amount: 0.357722
Amount Units: ppb v/v




Manual Integration Results

RT: 3.41
Area: 15244
Amount: 0.353453
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:27:31 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

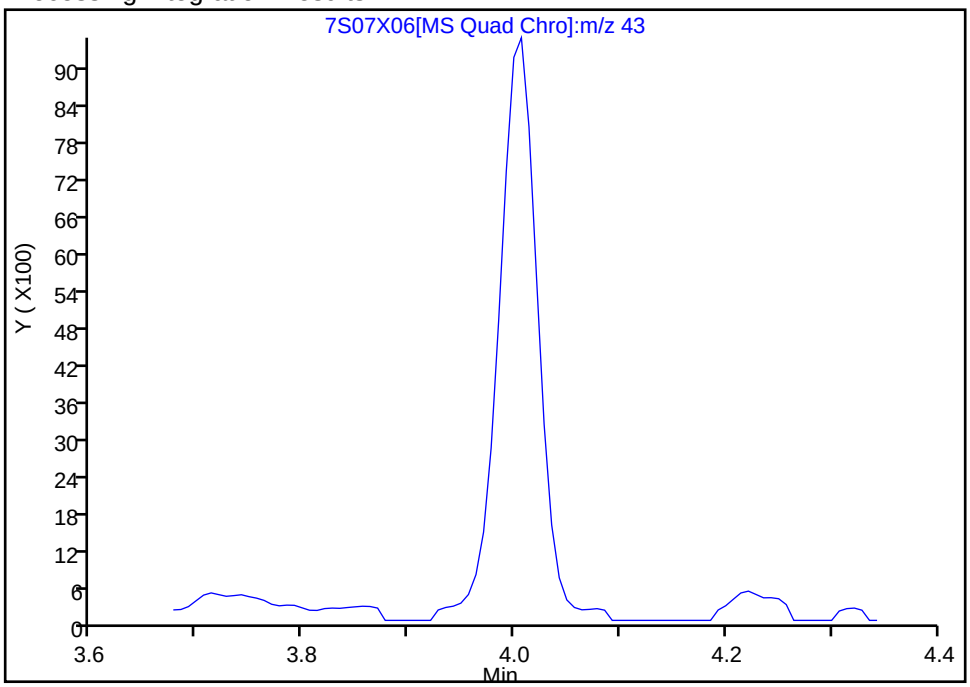
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

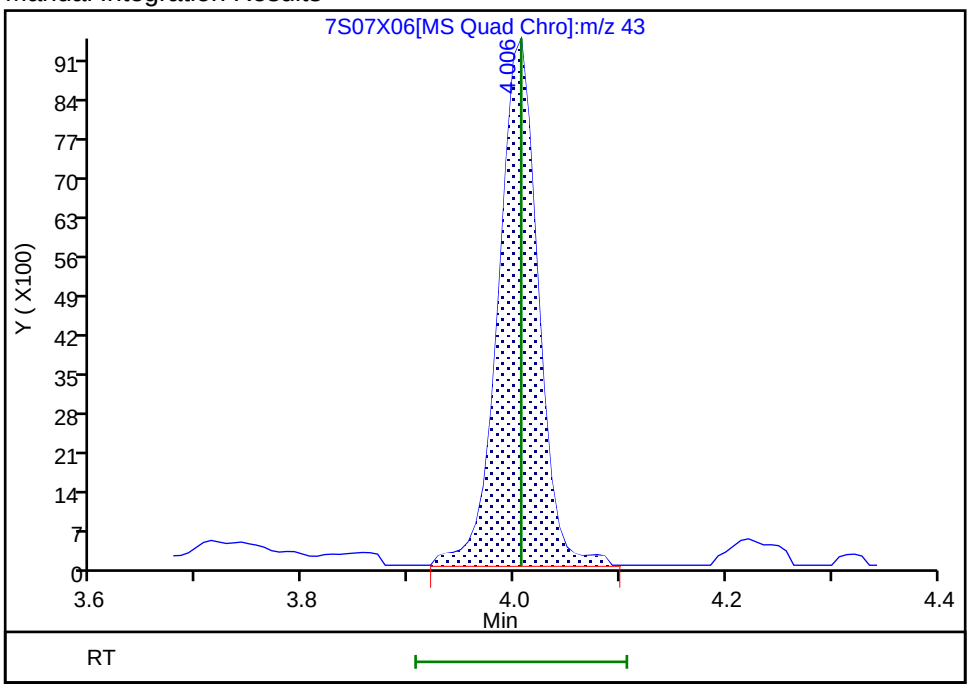
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 24688
Amount: 0.482129
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:07:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

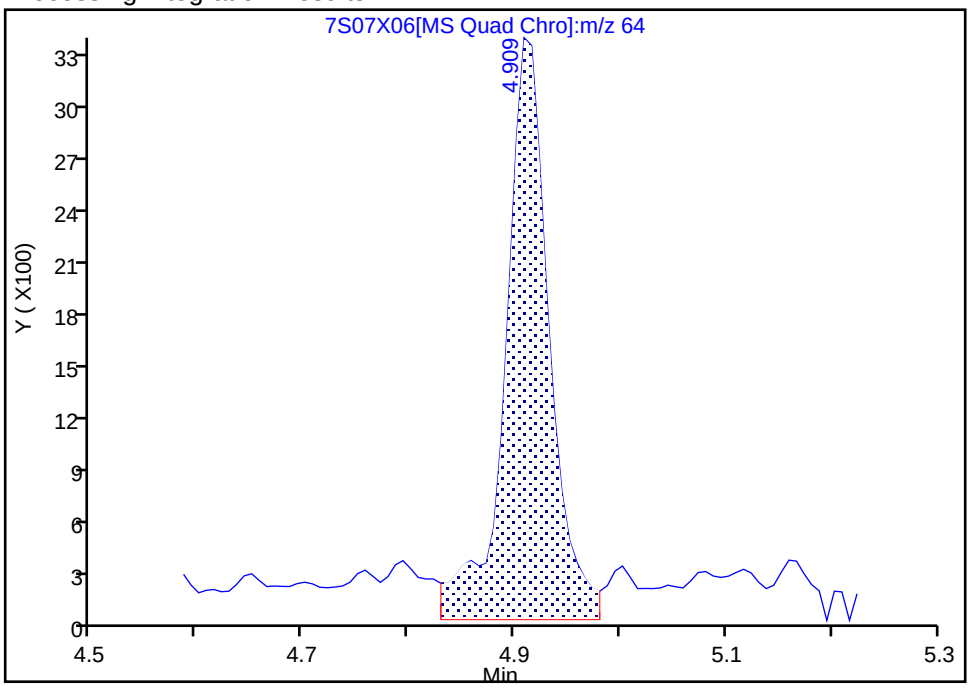
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

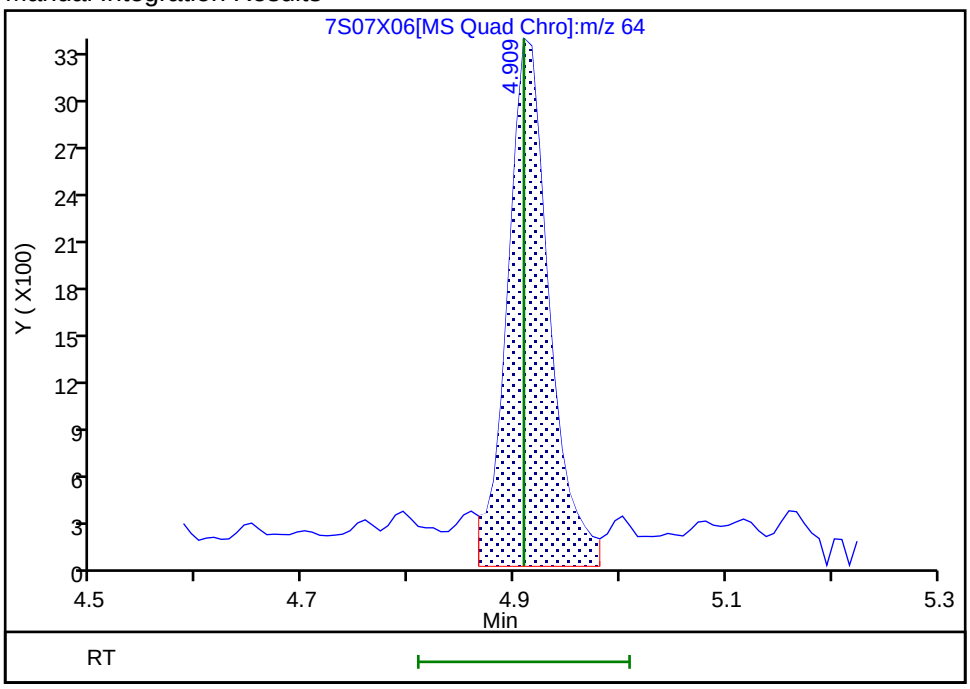
Processing Integration Results

RT: 4.91
Area: 9792
Amount: 0.578479
Amount Units: ppb v/v




Manual Integration Results

RT: 4.91
Area: 9186
Amount: 0.547580
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:14 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

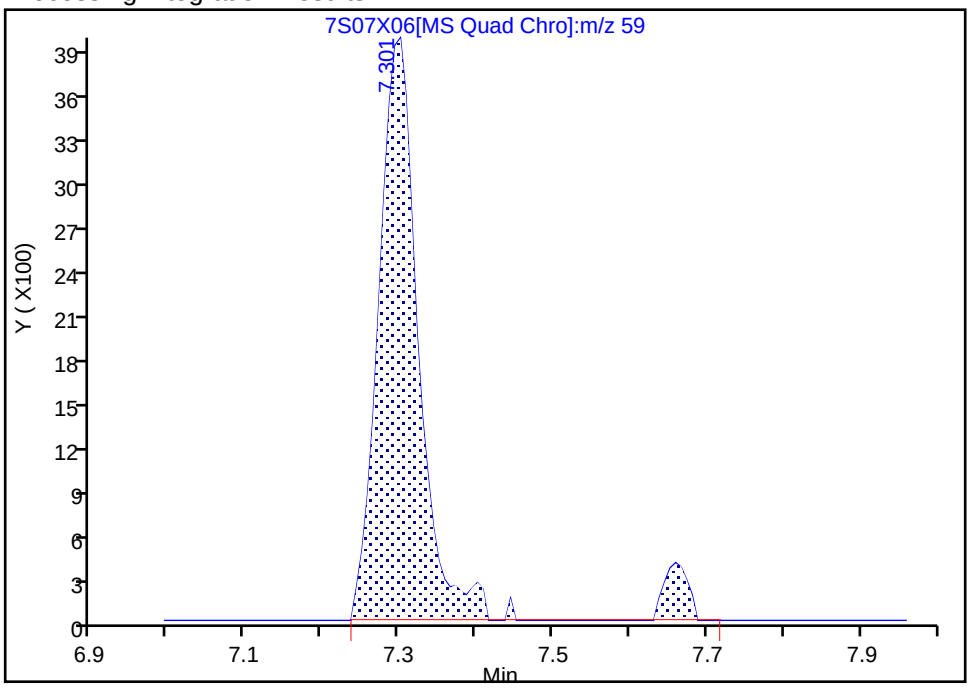
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

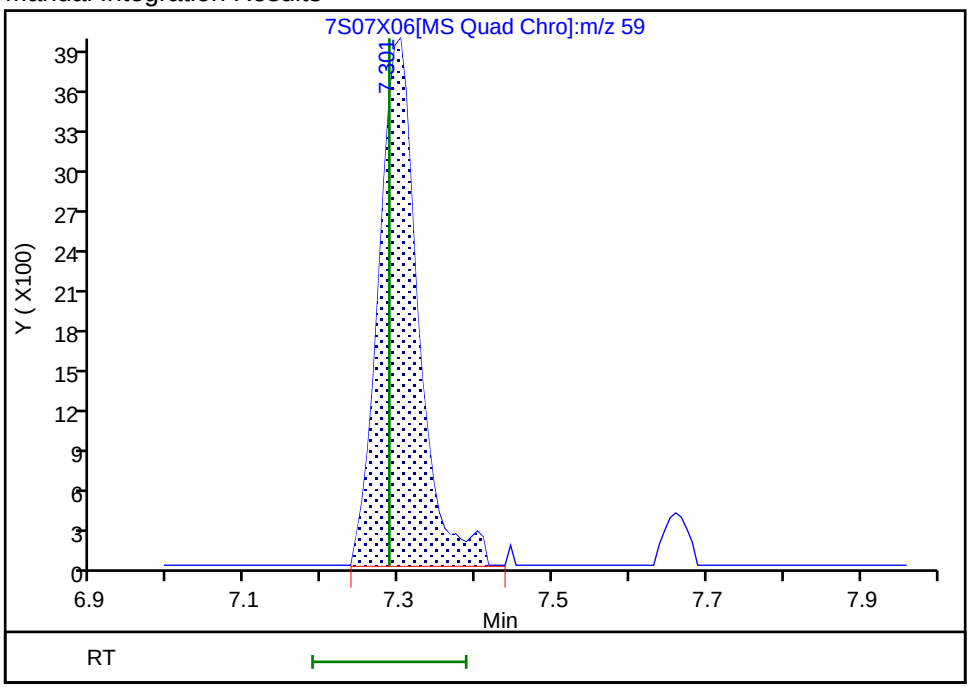
Processing Integration Results

RT: 7.30
Area: 15032
Amount: 0.490895
Amount Units: ppb v/v




Manual Integration Results

RT: 7.30
Area: 14117
Amount: 0.464055
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:28:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

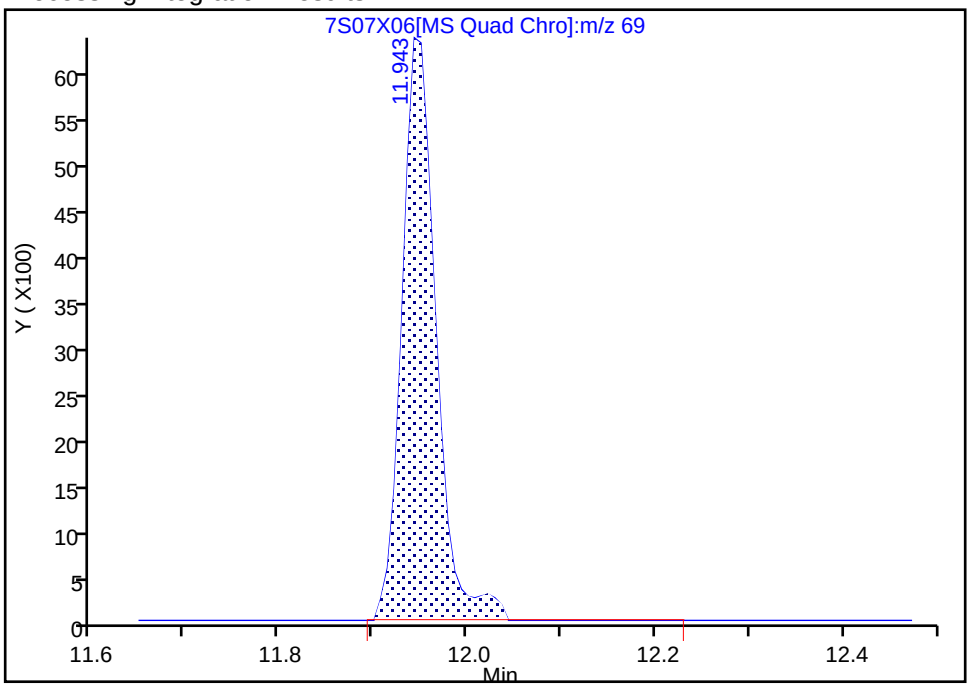
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

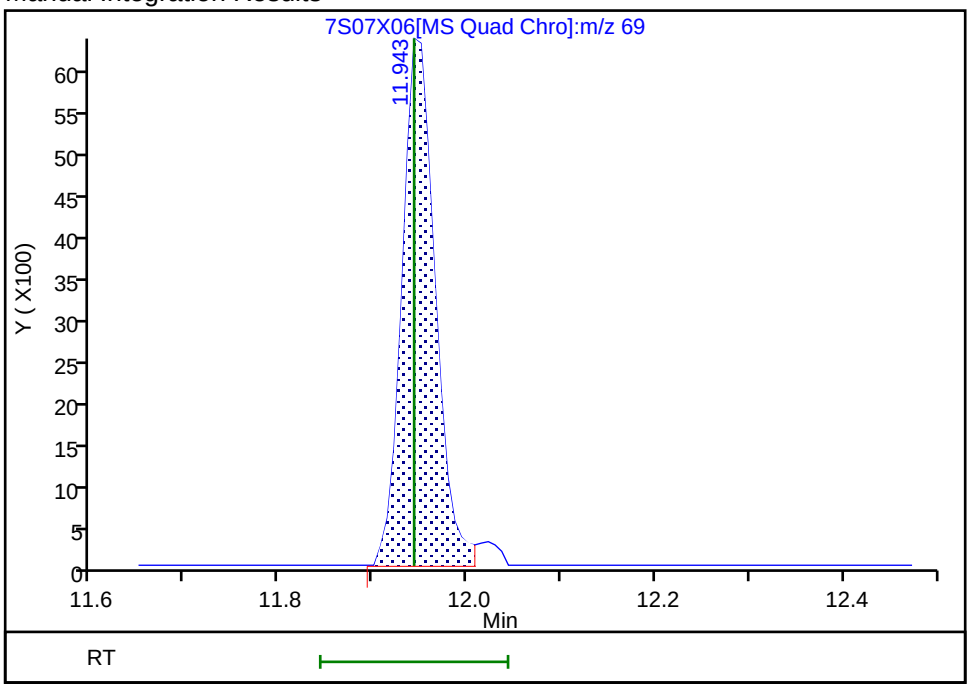
Processing Integration Results

RT: 11.94
Area: 15859
Amount: 0.507065
Amount Units: ppb v/v




Manual Integration Results

RT: 11.94
Area: 15393
Amount: 0.479523
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:59 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

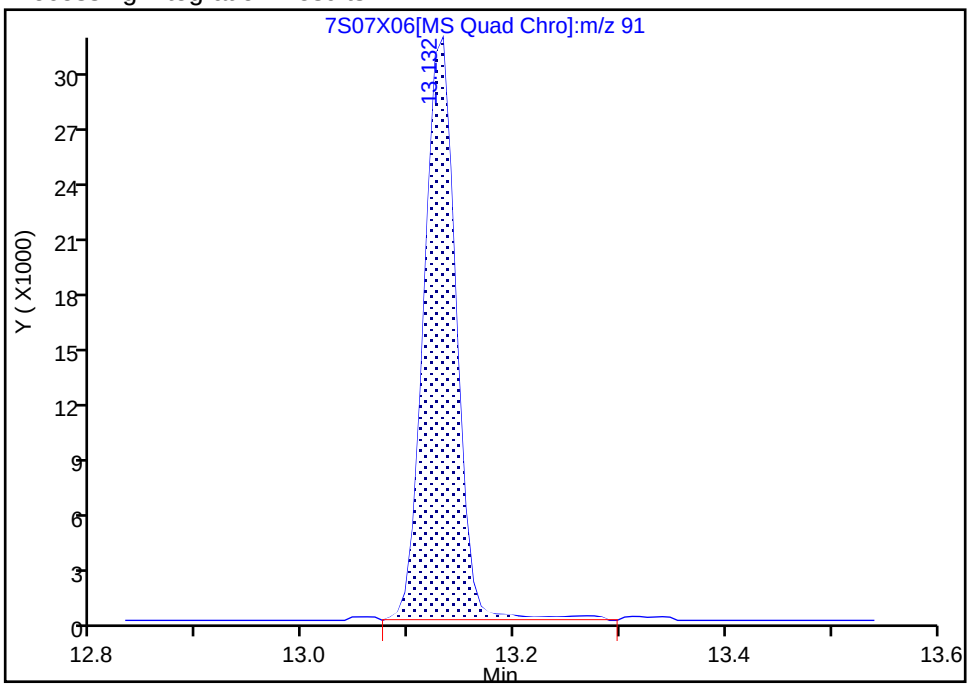
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

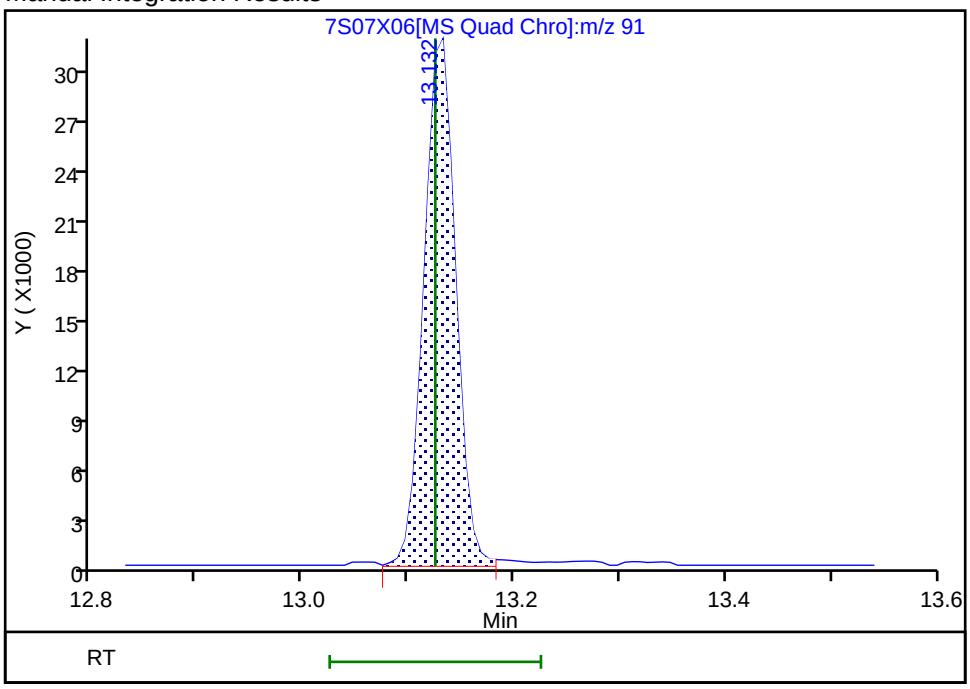
Processing Integration Results

RT: 13.13
Area: 66058
Amount: 0.501662
Amount Units: ppb v/v




Manual Integration Results

RT: 13.13
Area: 64669
Amount: 0.535195
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

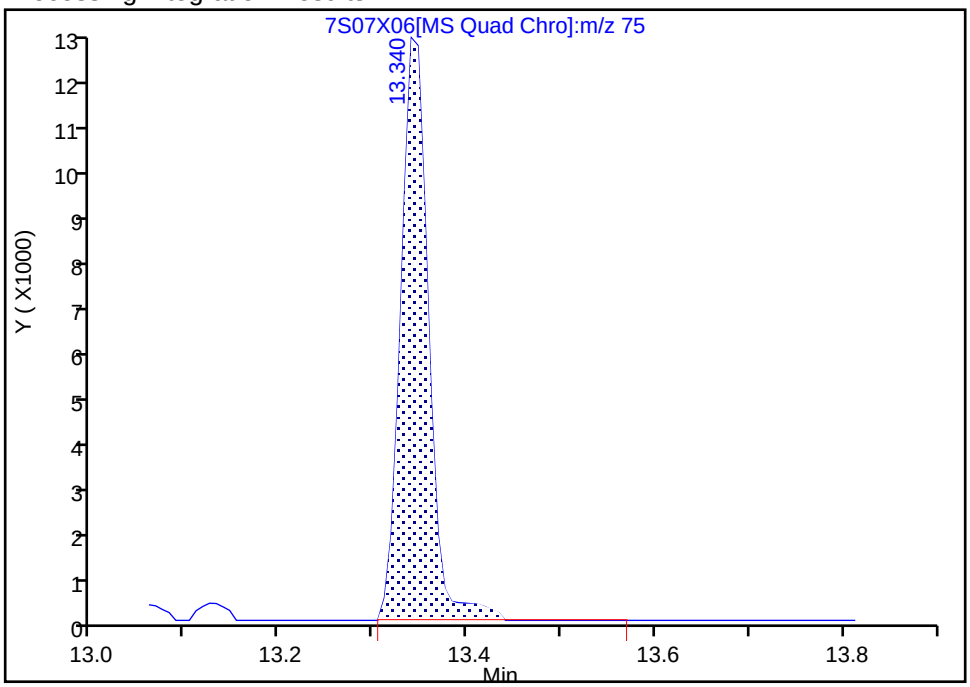
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

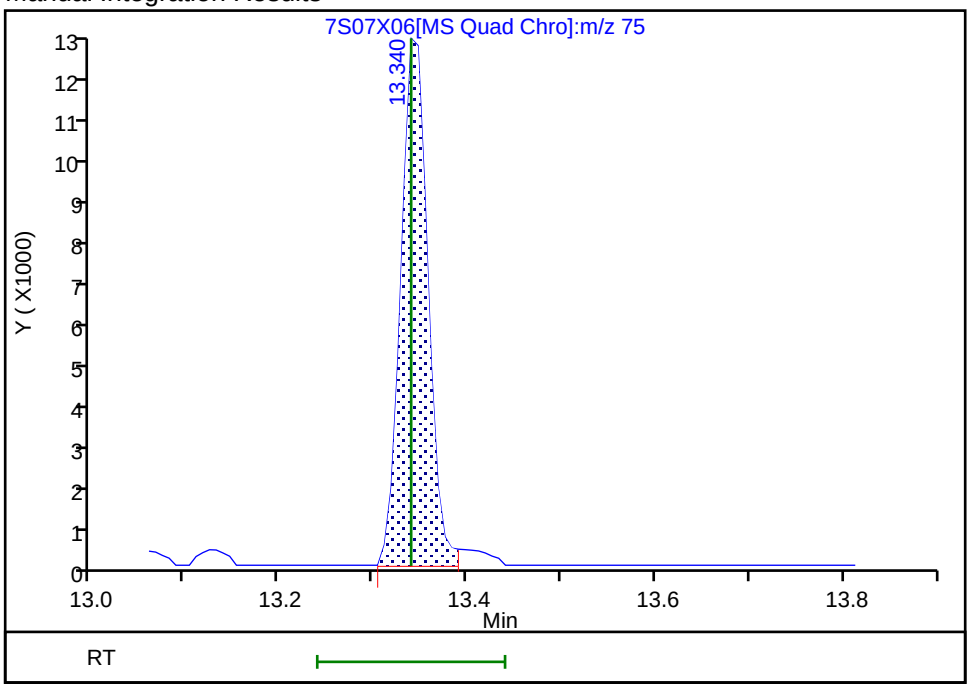
Processing Integration Results

RT: 13.34
Area: 24768
Amount: 0.509315
Amount Units: ppb v/v




Manual Integration Results

RT: 13.34
Area: 23970
Amount: 0.494709
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:42 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

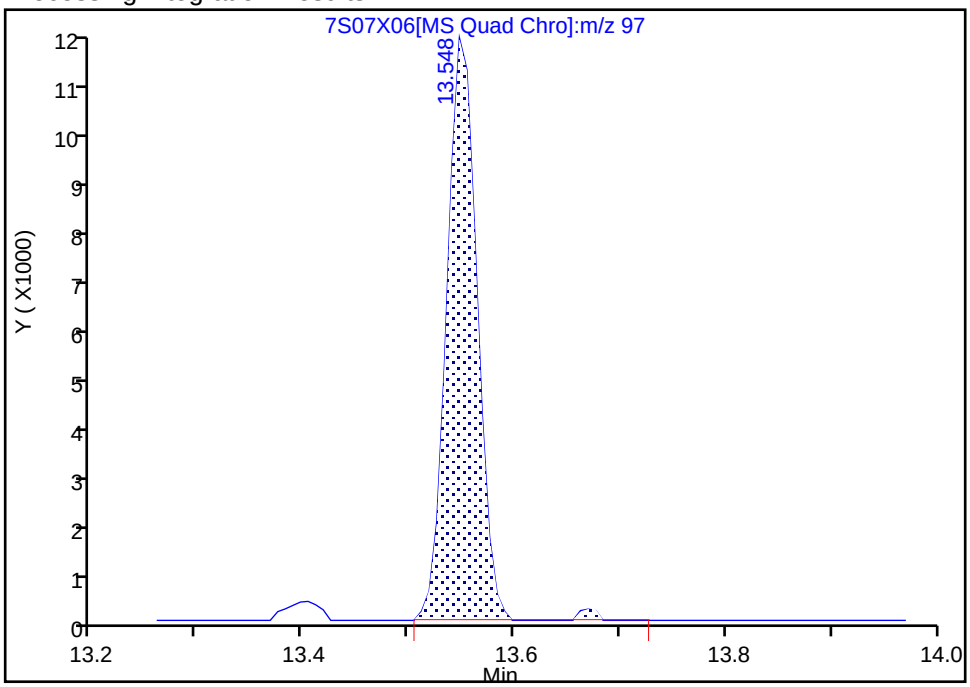
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

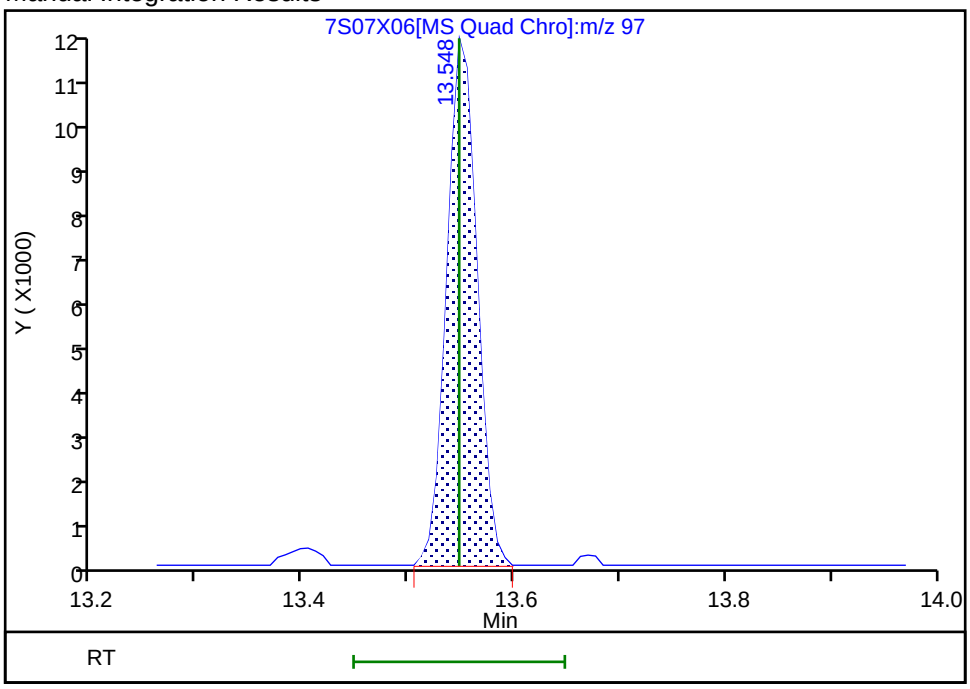
Processing Integration Results

RT: 13.55
Area: 23012
Amount: 0.529756
Amount Units: ppb v/v




Manual Integration Results

RT: 13.55
Area: 22749
Amount: 0.560679
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:10 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

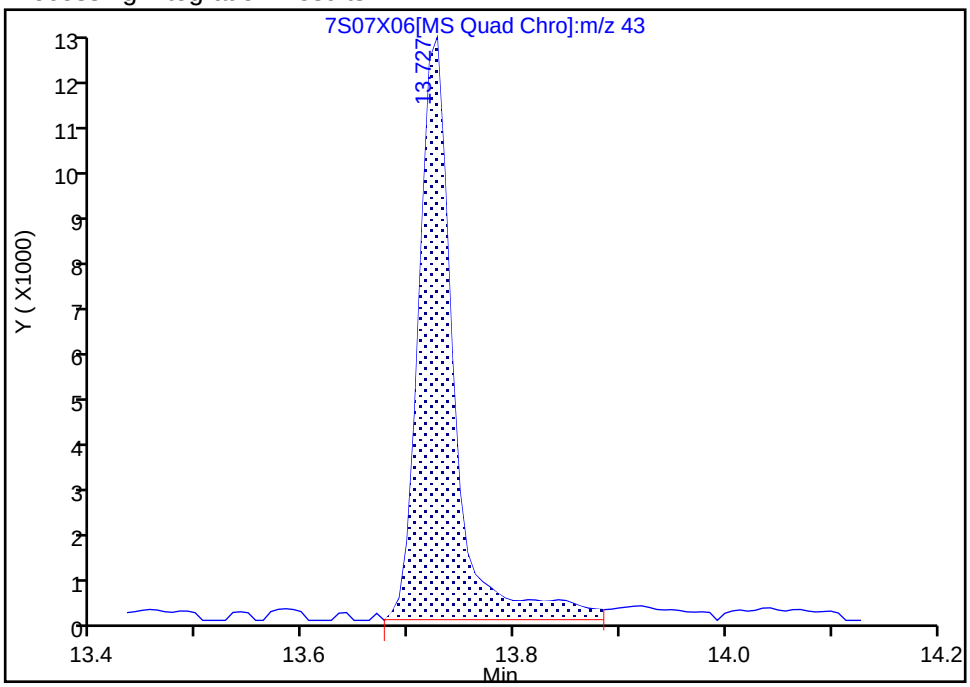
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

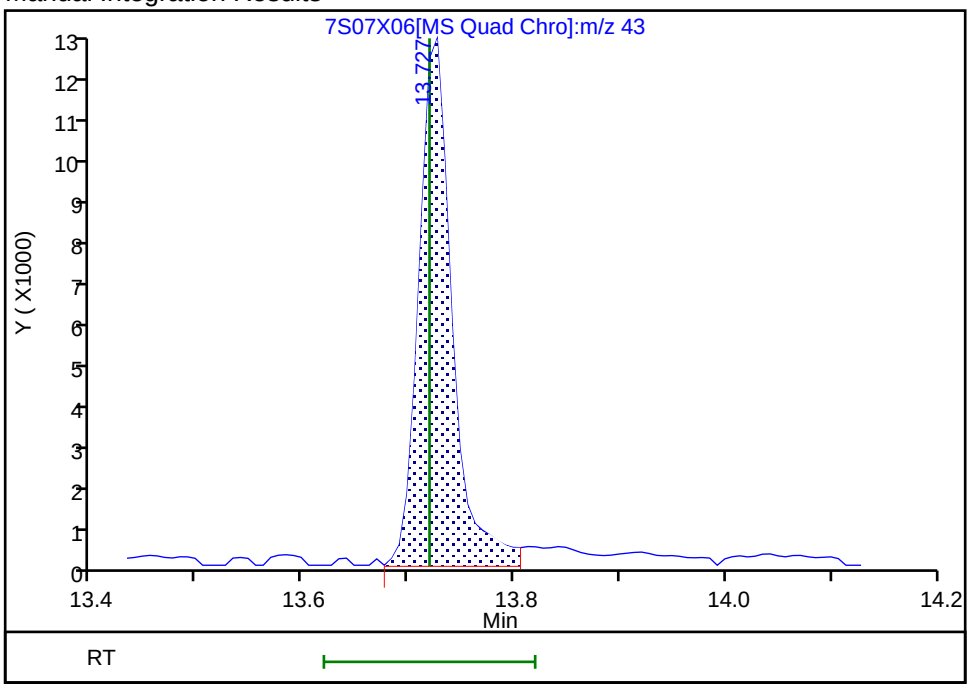
Processing Integration Results

RT: 13.73
Area: 29509
Amount: 0.398814
Amount Units: ppb v/v




Manual Integration Results

RT: 13.73
Area: 27736
Amount: 0.376858
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:39:49 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

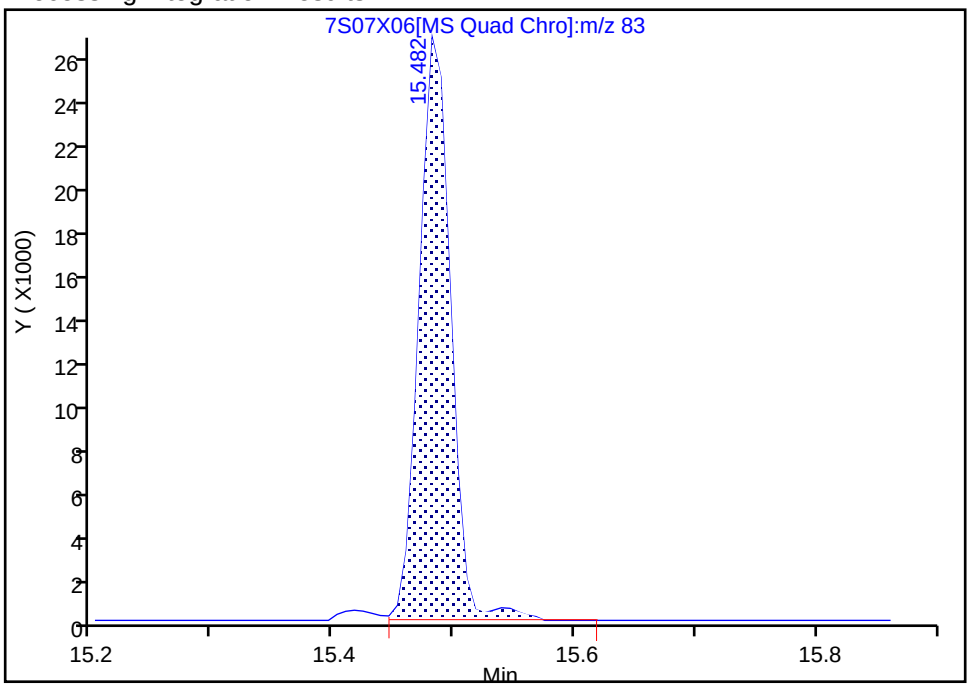
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

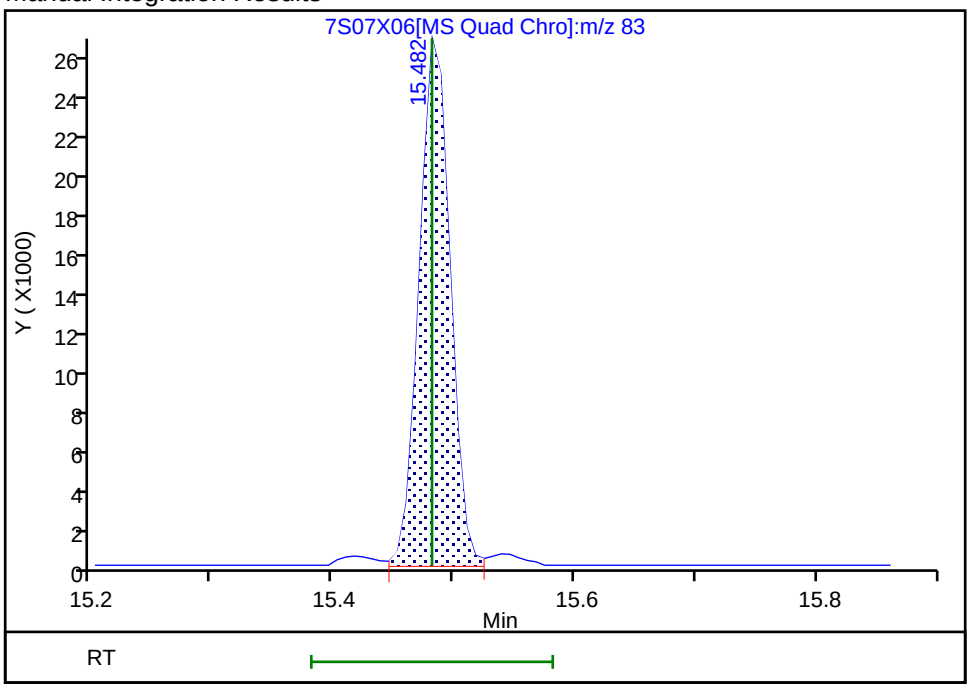
Processing Integration Results

RT: 15.48
Area: 47282
Amount: 0.503498
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 46212
Amount: 0.499529
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

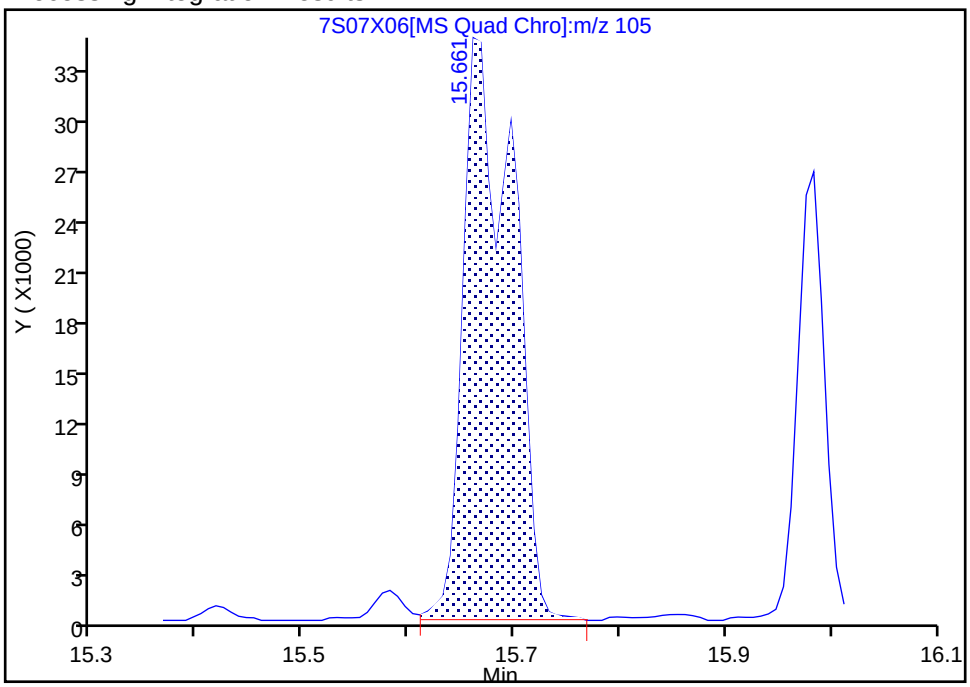
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

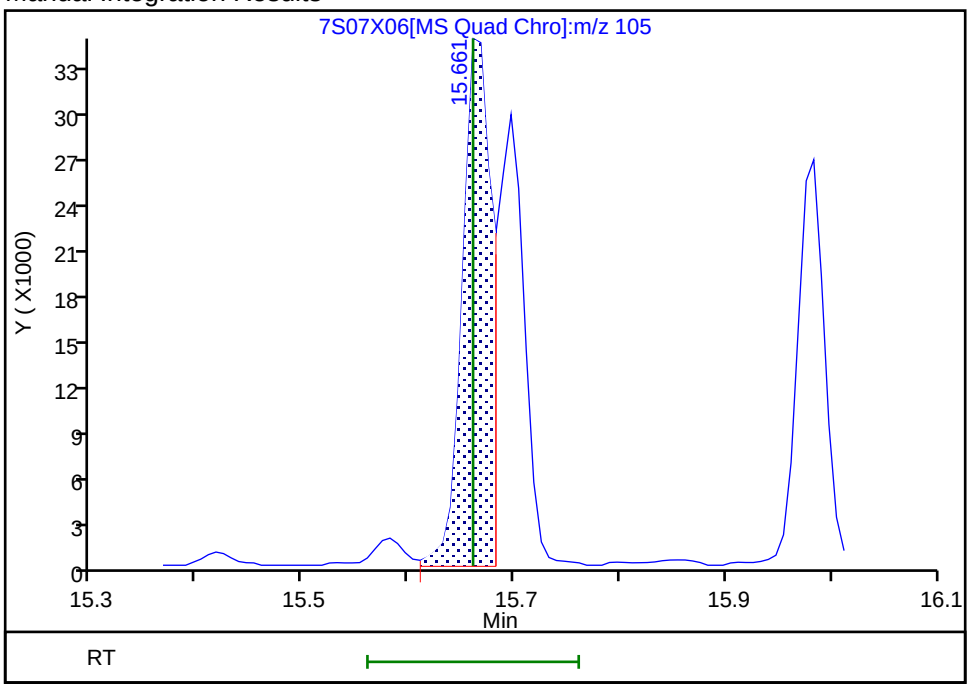
Processing Integration Results

RT: 15.66
Area: 114110
Amount: 0.521949
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 64664
Amount: 0.480288
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:30:50 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

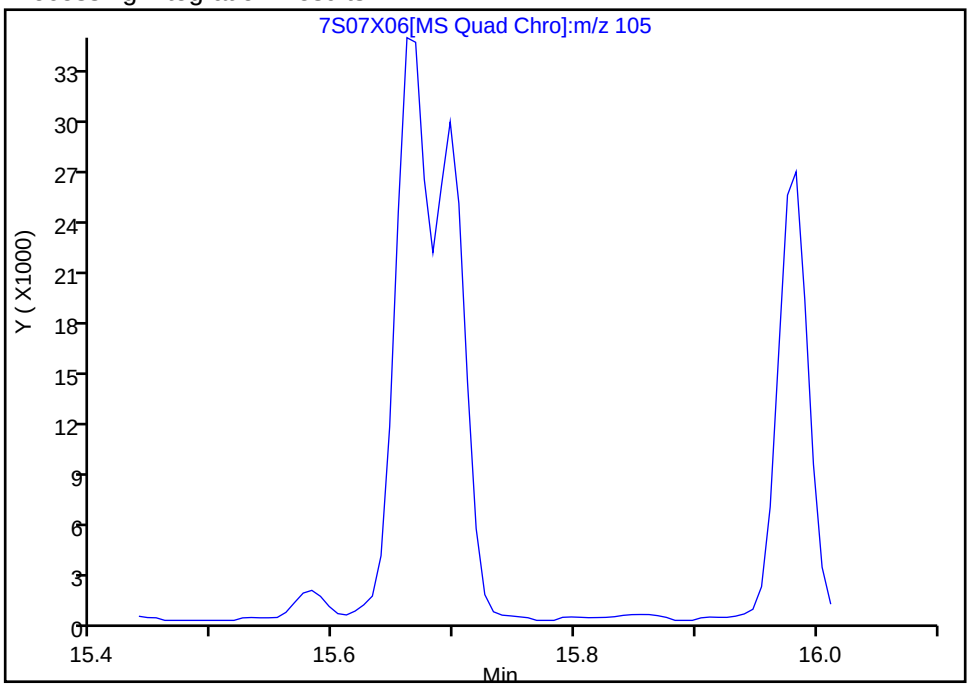
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

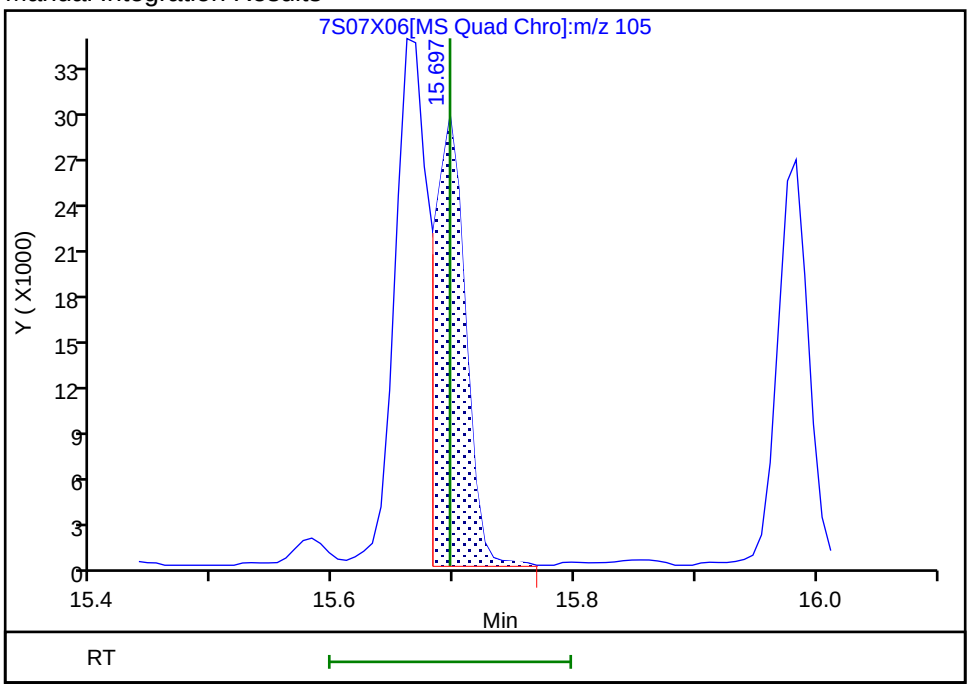
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 49445
Amount: 0.458752
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:31:07 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

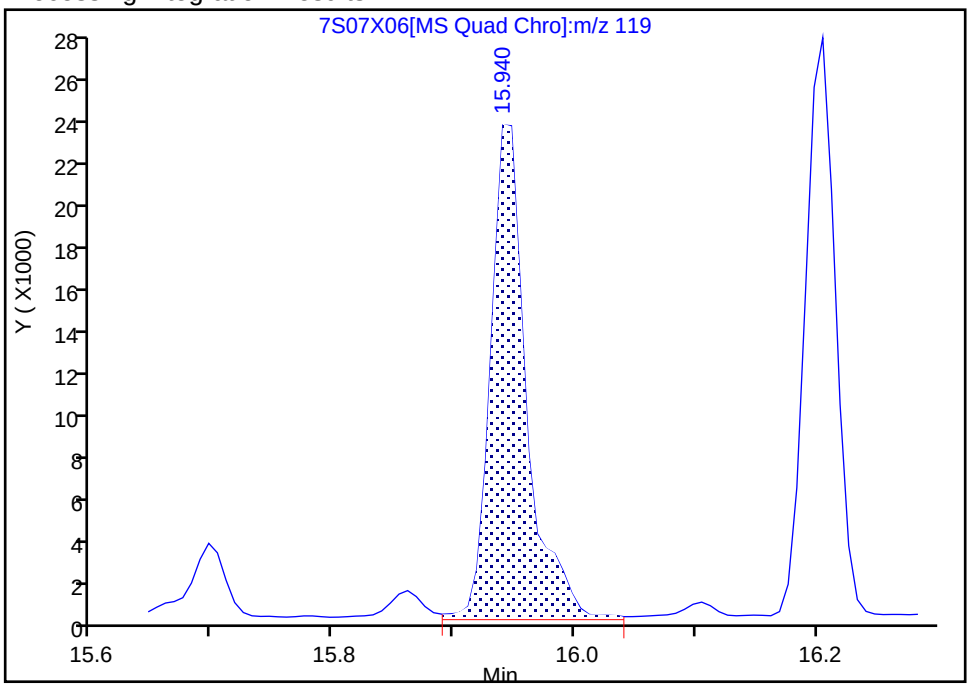
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D | | | | |
| Injection Date: | 08-Sep-2025 00:19:00 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 0.5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 6 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

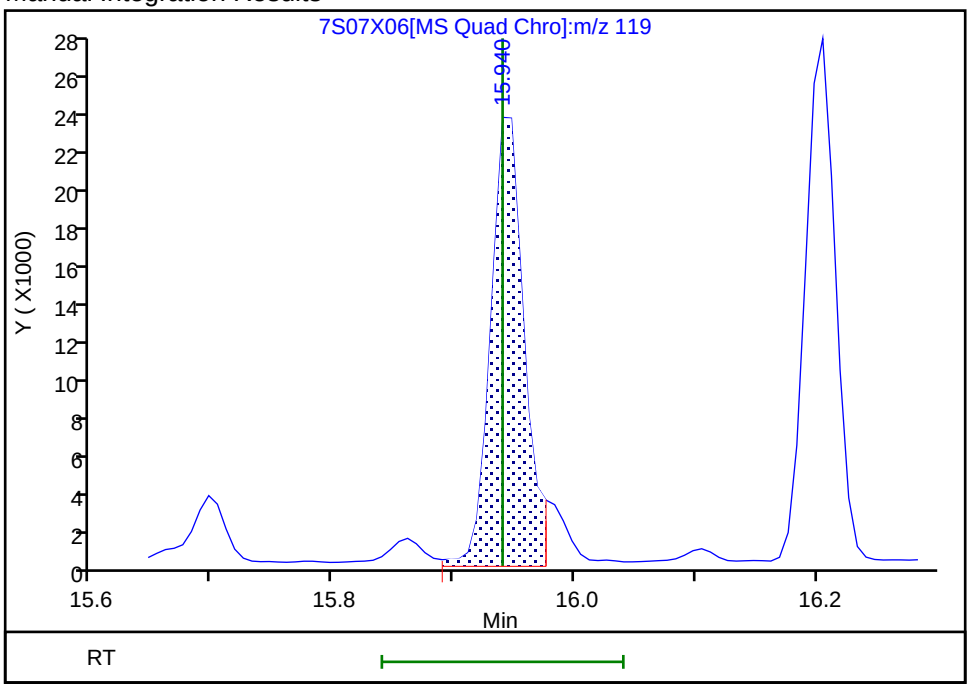
Processing Integration Results

RT: 15.94
Area: 49818
Amount: 0.459736
Amount Units: ppb v/v




Manual Integration Results

RT: 15.94
Area: 45387
Amount: 0.422686
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:40:02 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Lims ID: IC Cal 1ppb
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Sep-2025 00:45:17 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 1PPB
Misc. Info.: 410-0158855-007
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:48:08 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 13:25:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 99 | 19588 | NC | NC | M |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 98 | 72882 | 1.00 | 0.9585 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 37016 | 1.00 | 0.8600 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 93 | 62301 | 1.00 | 0.9210 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 96 | 23163 | 1.00 | 0.8507 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 0 | 44844 | 1.00 | 0.8775 | M |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 82 | 24510 | 1.00 | 0.8842 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 19703 | 1.00 | 0.9168 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 83 | 20147 | 1.00 | 0.9757 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 91 | 17315 | 1.00 | 1.03 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 95 | 24937 | 1.00 | 0.9285 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 82 | 67765 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 85 | 69984 | 1.00 | 1.01 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 94 | 53277 | NC | NC | |
| 14 Ethanol | 45 | 5.675 | 5.661 | 0.014 | 52 | 8152 | NC | NC | |
| 19 Acrolein | 56 | 6.155 | 6.148 | 0.007 | 90 | 12405 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 44481 | 1.00 | 0.9491 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 87 | 30580 | 1.00 | 0.8853 | |
| 23 Acetone | 43 | 6.385 | 6.377 | 0.008 | 98 | 48546 | 1.00 | 0.9816 | |
| 20 Isopropyl alcohol | 45 | 6.599 | 6.592 | 0.007 | 72 | 33931 | 1.00 | 0.9269 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 98 | 49416 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 92043 | 1.00 | 0.9284 | |
| 28 Acetonitrile | 41 | 6.836 | 6.829 | 0.007 | 87 | 26603 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 90 | 40743 | 1.00 | 0.8927 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.187 | 0.007 | 93 | 24191 | 1.00 | 0.9222 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 37 | 29204 | 1.14 | 0.9619 | |
| 31 Acrylonitrile | 53 | 7.538 | 7.531 | 0.007 | 98 | 26585 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 64079 | 1.00 | 0.8931 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 92 | 47872 | 1.00 | 0.9607 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 89 | 25319 | 1.00 | 0.9850 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.333 | 8.326 | 0.007 | 97 | 6002 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 86 | 59843 | 1.00 | 0.9850 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 93 | 93948 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 90 | 78548 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.185 | 9.178 | 0.007 | 98 | 12982 | 1.00 | 0.9232 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 73 | 54641 | 1.00 | 0.9664 | |
| 38 Ethyl acetate | 70 | 9.257 | 9.243 | 0.015 | 88 | 7582 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.336 | 9.321 | 0.015 | 90 | 55460 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 332839 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.644 | 9.636 | 0.008 | 51 | 39886 | 1.00 | 0.9801 | |
| 37 Chloroform | 83 | 9.758 | 9.751 | 0.007 | 80 | 67883 | 1.00 | 1.00 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 58 | 55375 | 1.00 | 0.9216 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 90 | 42613 | 1.00 | 0.8971 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 78 | 54014 | 1.00 | 0.9711 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 535673 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.007 | 92 | 97314 | 1.00 | 0.9417 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.654 | 0.007 | 58 | 48066 | 1.00 | 1.01 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 70 | 66912 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 143541 | 1.00 | 0.9075 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 93 | 29056 | 1.00 | 0.9297 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1278199 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 89 | 38215 | 1.00 | 0.9289 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 97 | 63413 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 82 | 41841 | 1.00 | 0.9728 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 87 | 31107 | 1.00 | 0.9530 | |
| 56 1,4-Dioxane | 88 | 12.000 | 11.993 | 0.007 | 84 | 10862 | 1.00 | 0.7778 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 83 | 34291 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 91 | 70948 | 1.00 | 0.9420 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 84 | 56932 | 1.00 | 0.9409 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.874 | 12.867 | 0.007 | 97 | 62595 | 1.00 | 0.7864 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1372796 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 79 | 119024 | 1.00 | 0.9853 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 87 | 84695 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 98 | 47889 | 1.00 | 0.9887 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 86 | 45184 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 91 | 39328 | 1.00 | 0.9696 | M |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 91 | 48251 | 1.00 | 0.9270 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 93 | 64120 | 1.00 | 0.8715 | |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 90 | 50960 | 1.00 | 0.9778 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 97 | 61152 | 1.00 | 1.01 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1173211 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 89031 | 1.00 | 0.9733 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 65 | 140729 | 1.00 | 0.9649 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 52 | 41919 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 203996 | 2.00 | 1.88 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 93 | 103479 | 1.00 | 0.9619 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 89 | 74172 | 1.00 | 0.9490 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 55660 | 1.00 | 0.9862 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 89 | 130946 | 1.00 | 0.9719 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 31 | 89199 | 1.00 | 0.9645 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 20534 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 86 | 46832 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 85 | 33671 | 1.00 | 0.9206 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 85 | 130349 | 1.00 | 0.9684 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 93 | 32940 | 1.00 | 0.9436 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 65 | 103654 | 1.00 | 0.9620 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 51918 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 78 | 97090 | 1.00 | 0.9045 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 102128 | 1.00 | 0.8968 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 148179 | 1.00 | 0.9072 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 94 | 110572 | 1.00 | 0.8531 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 72443 | 1.00 | 0.9595 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 72936 | 1.00 | 0.9602 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 84 | 14605 | 1.00 | 0.8194 | M |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 95 | 58529 | 1.00 | 0.8365 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 92 | 64839 | 1.00 | 0.9278 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 90 | 35697 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 70 | 27427 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 43067 | 1.00 | 0.9132 | |
| 96 Hexachlorobutadiene | 225 | 17.975 | 17.974 | 0.001 | 89 | 37219 | 1.00 | 0.8764 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 93859 | 1.00 | 0.8378 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 102513 | 2.00 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 2.00 | 1.93 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 307475 | 3.00 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: | 20.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: | 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:12 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D

Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004

Lims ID: IC Cal 1ppb

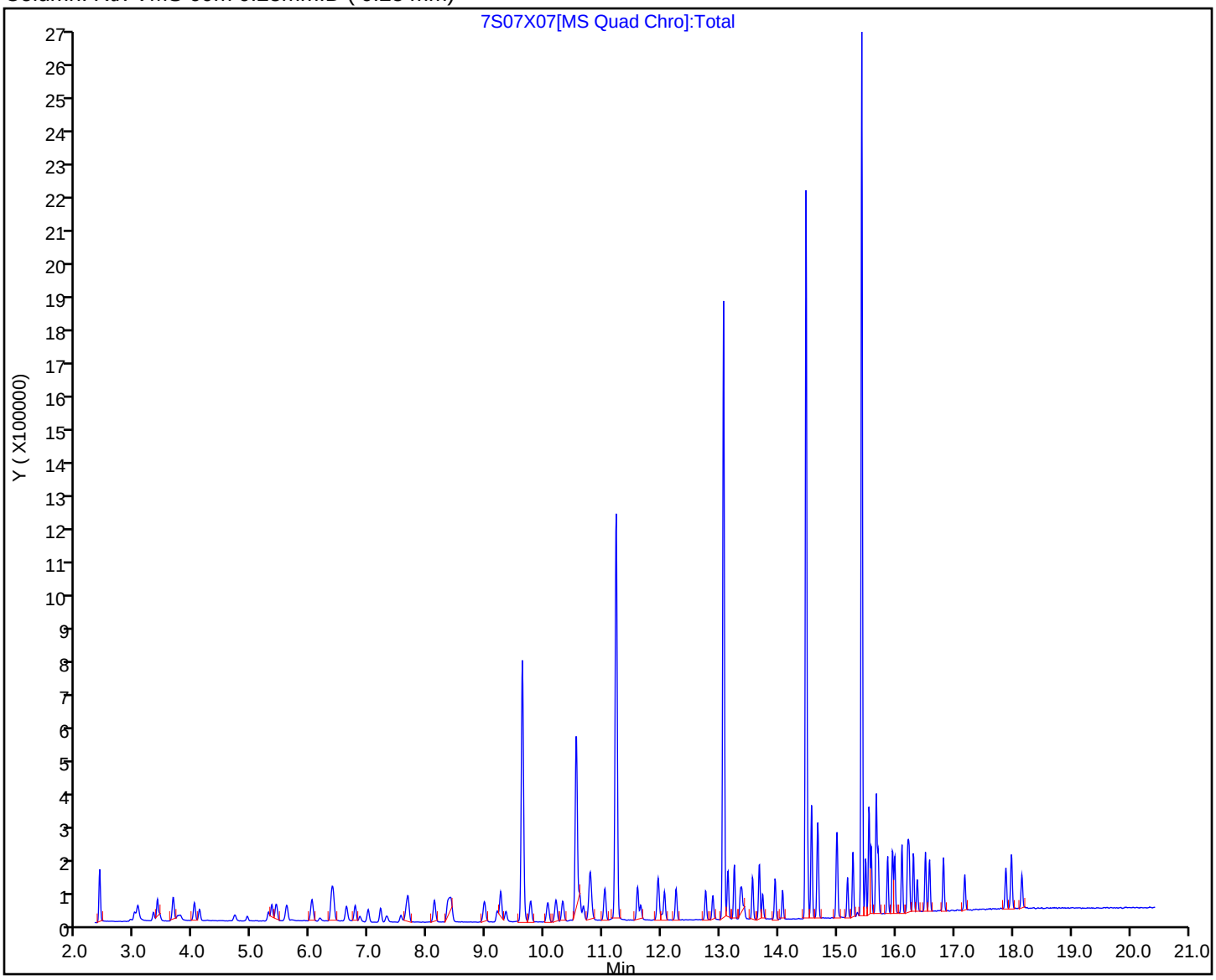
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

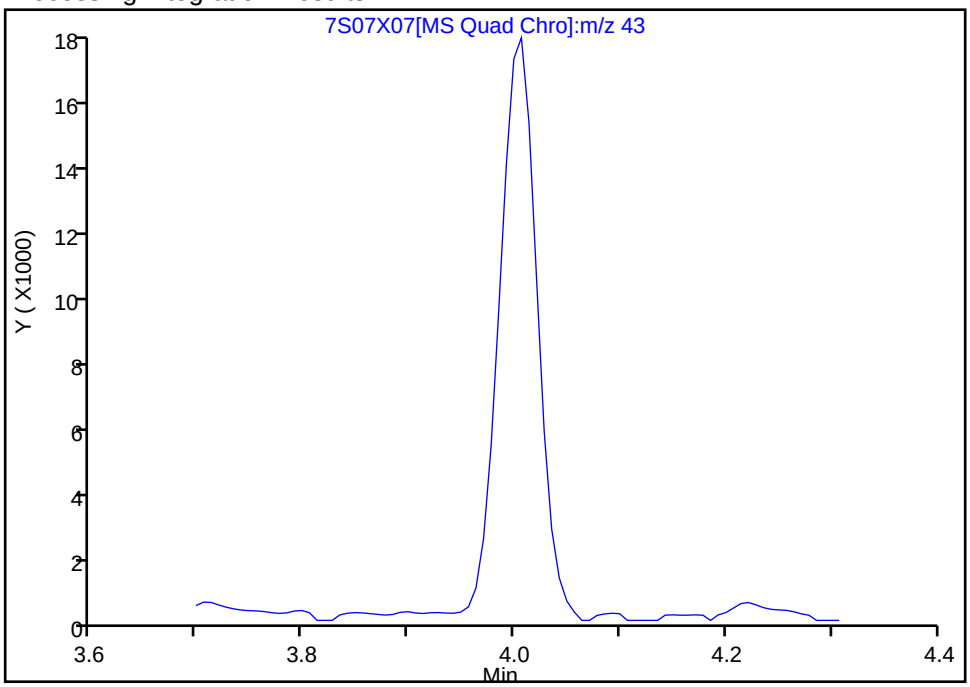
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

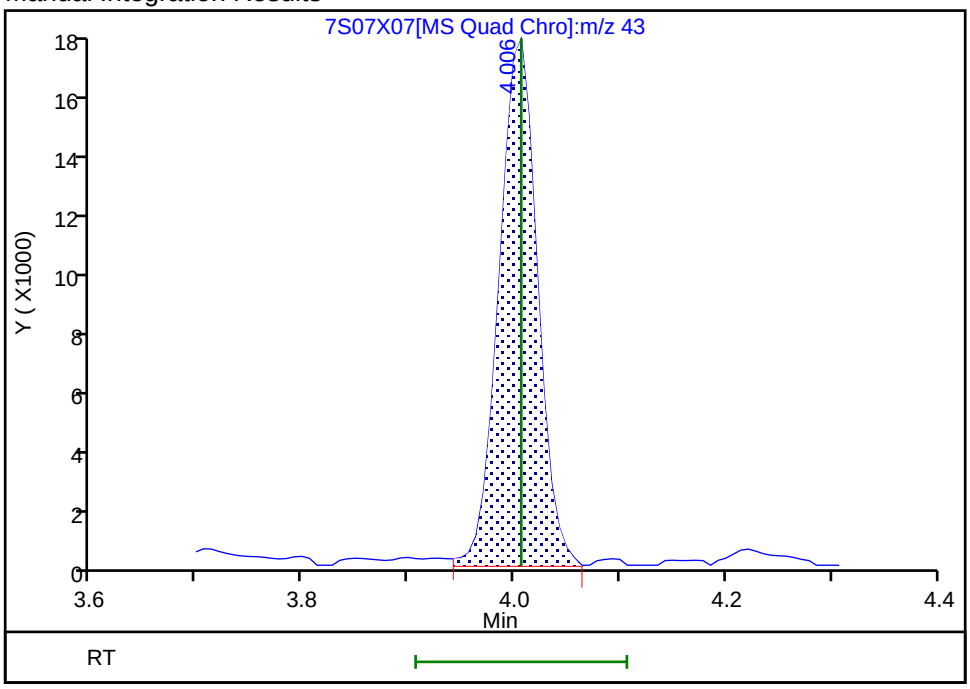
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 44844
Amount: 0.877498
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:05:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

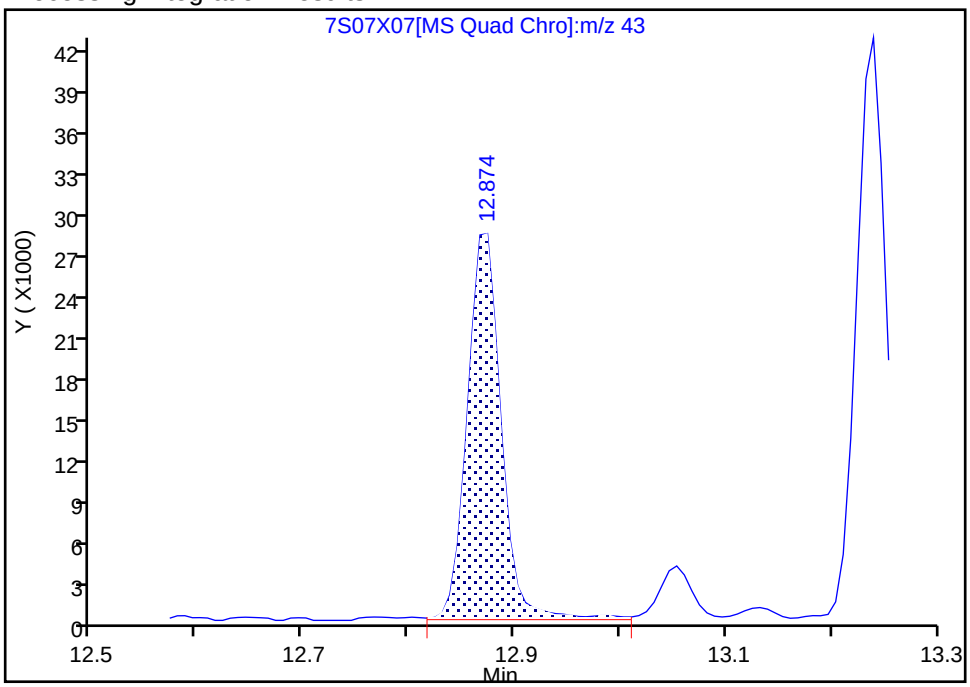
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

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

Signal: 1

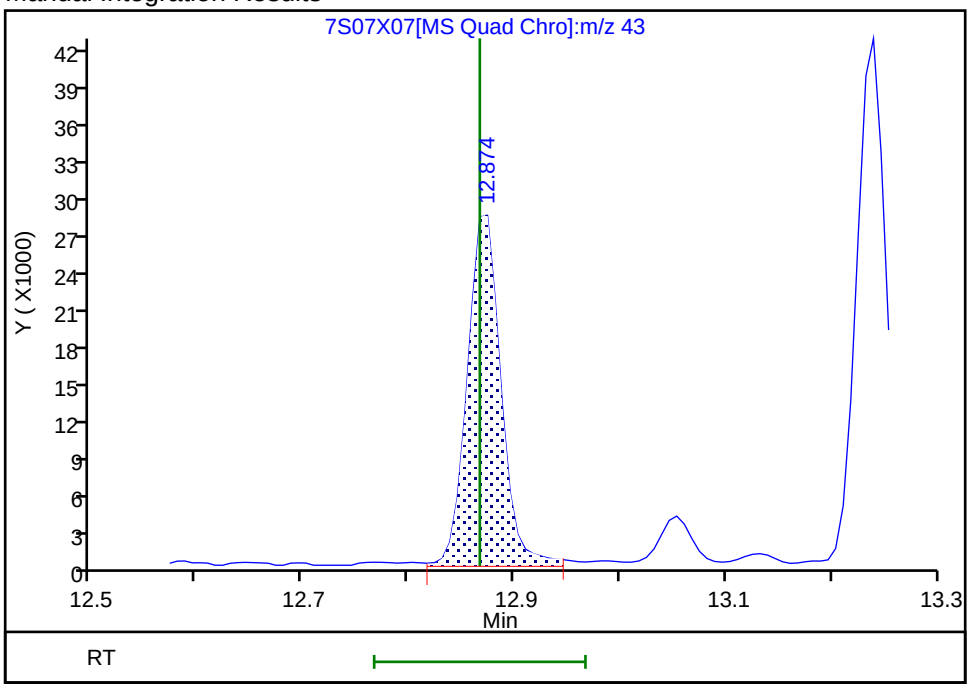
Processing Integration Results

RT: 12.87
Area: 63813
Amount: 0.799237
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 62595
Amount: 0.786417
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:03:35 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

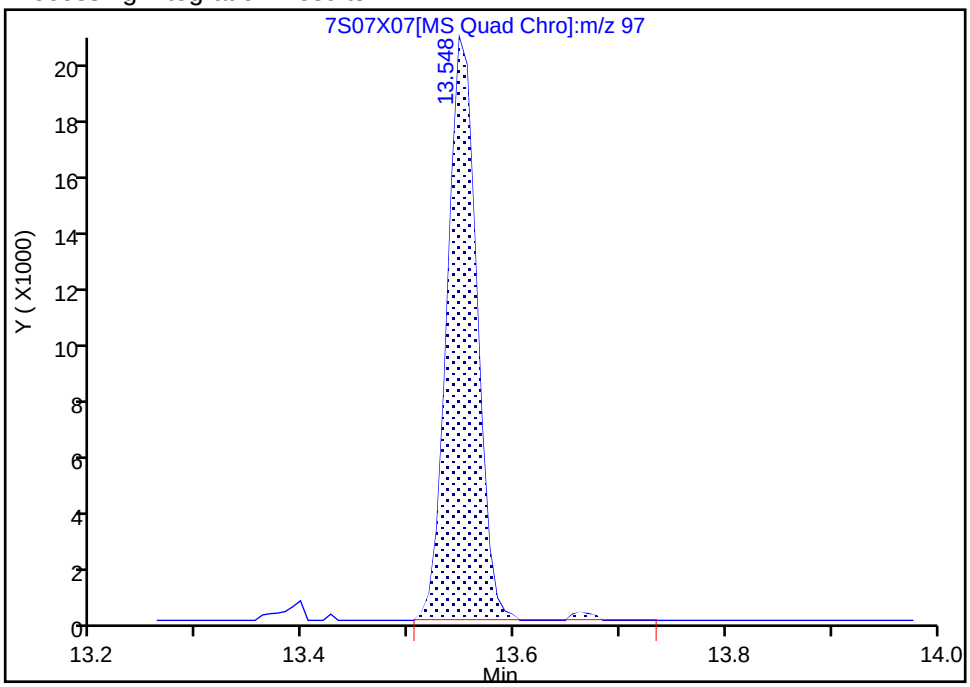
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

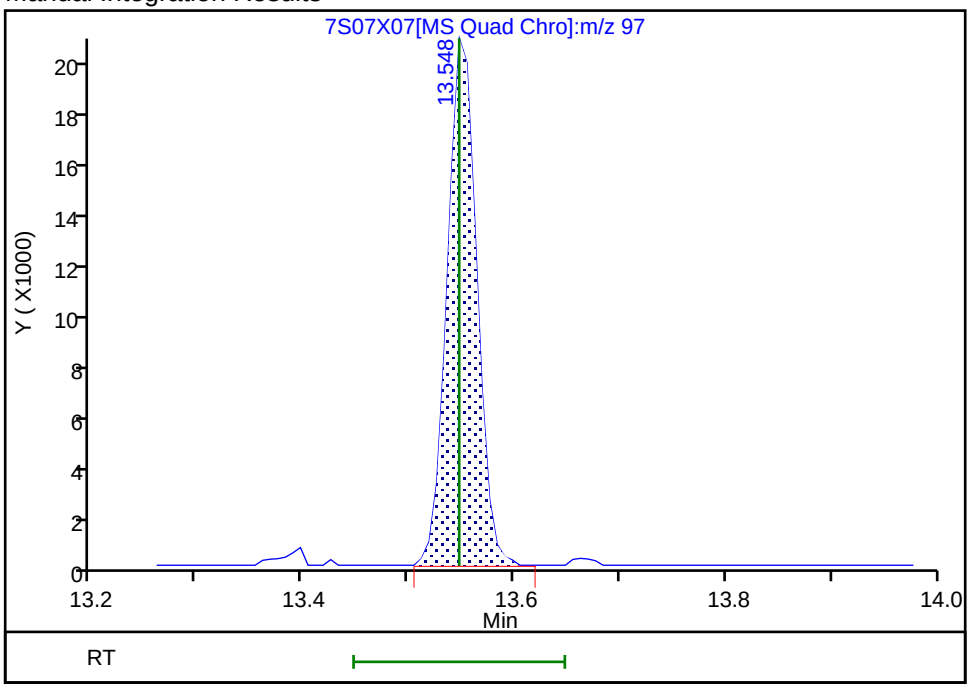
Processing Integration Results

RT: 13.55
Area: 39714
Amount: 0.913613
Amount Units: ppb v/v




Manual Integration Results

RT: 13.55
Area: 39328
Amount: 0.969570
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:23:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

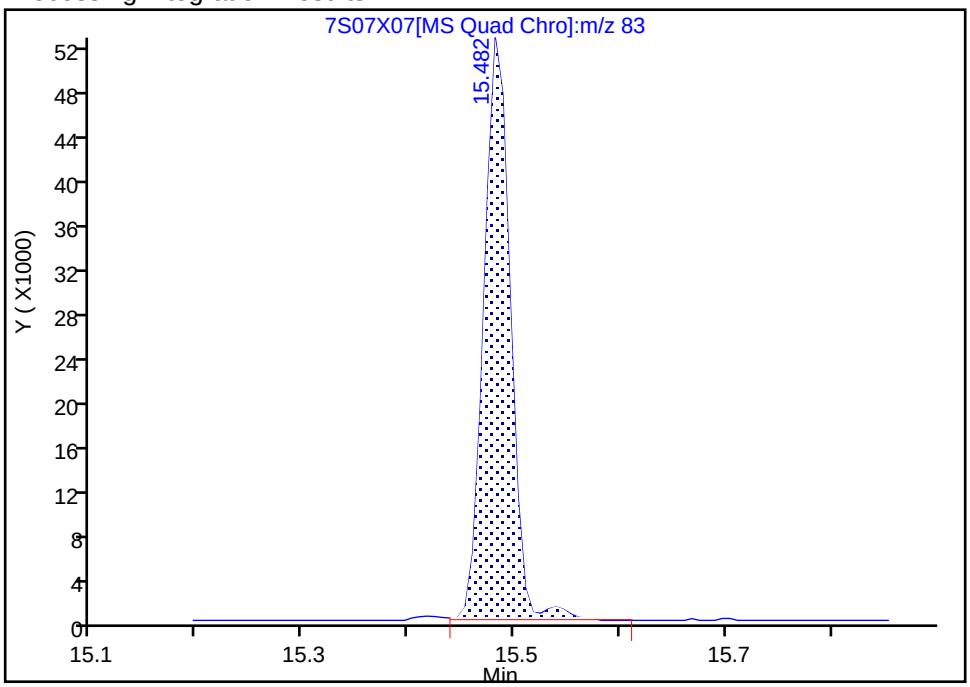
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

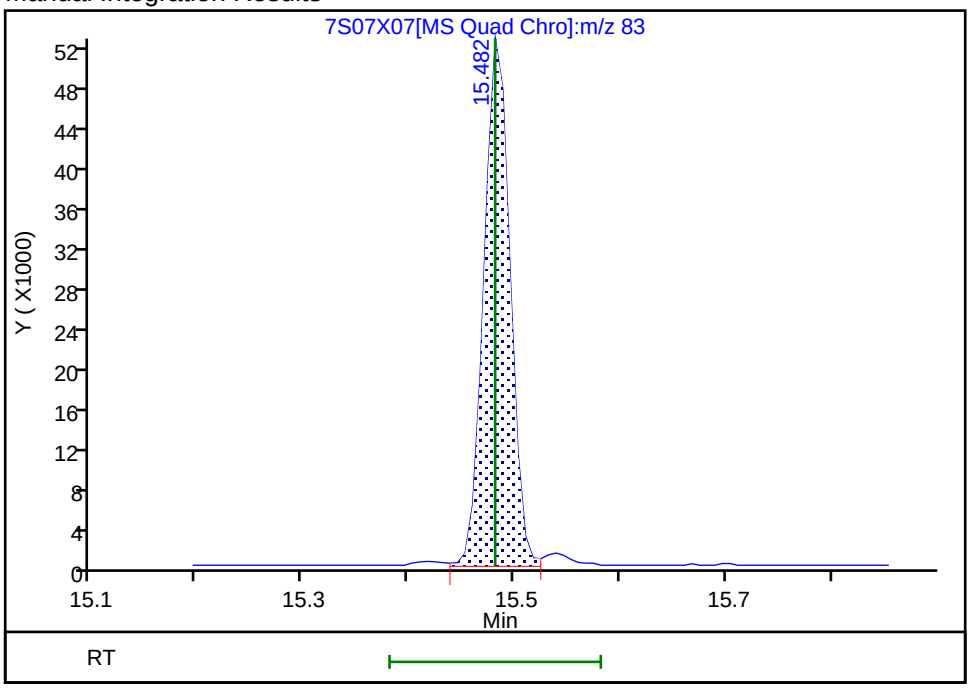
Processing Integration Results

RT: 15.48
Area: 91256
Amount: 0.969691
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 89199
Amount: 0.964476
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

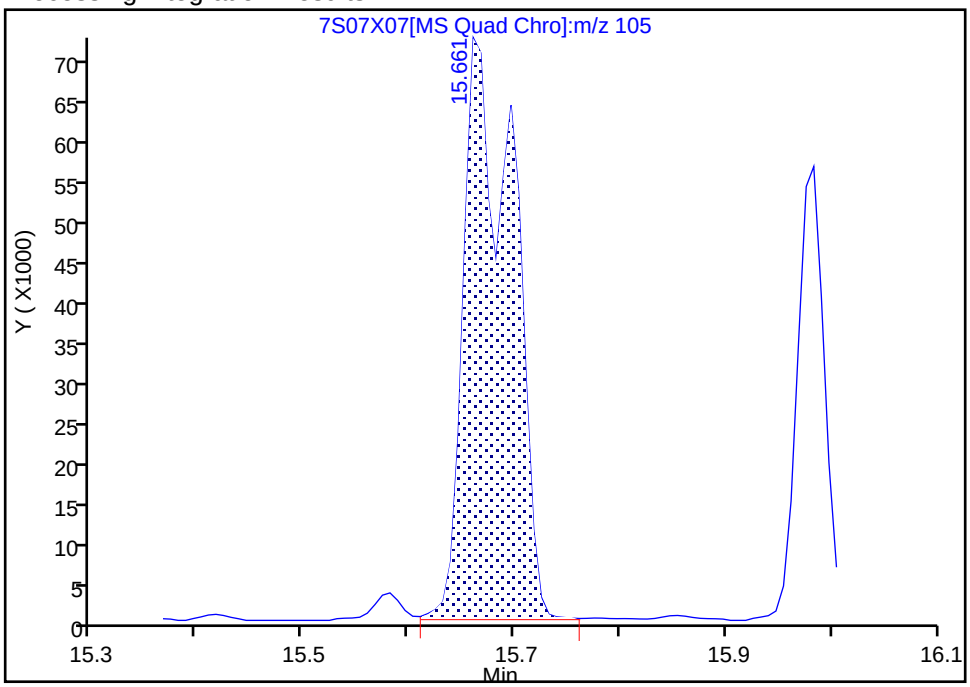
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

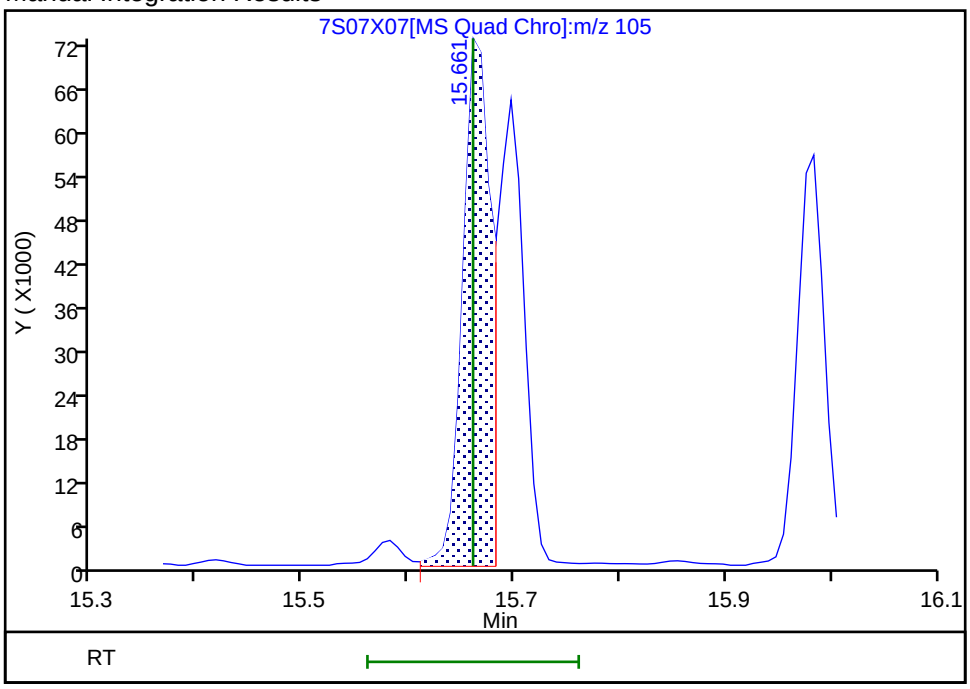
Processing Integration Results

RT: 15.66
Area: 234004
Amount: 1.017069
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 130349
Amount: 0.968439
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:31 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

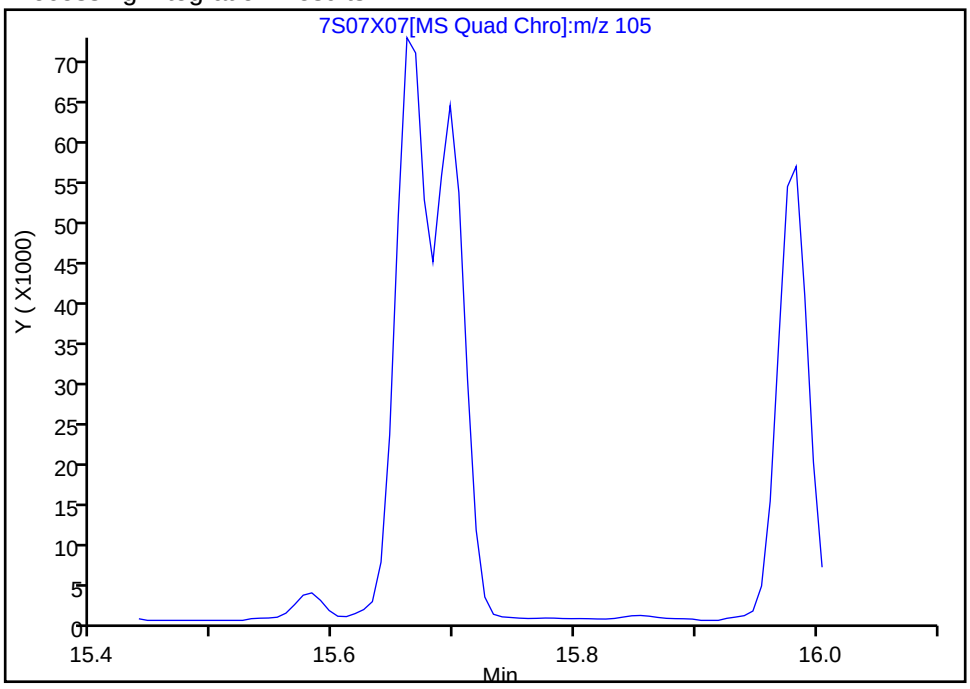
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

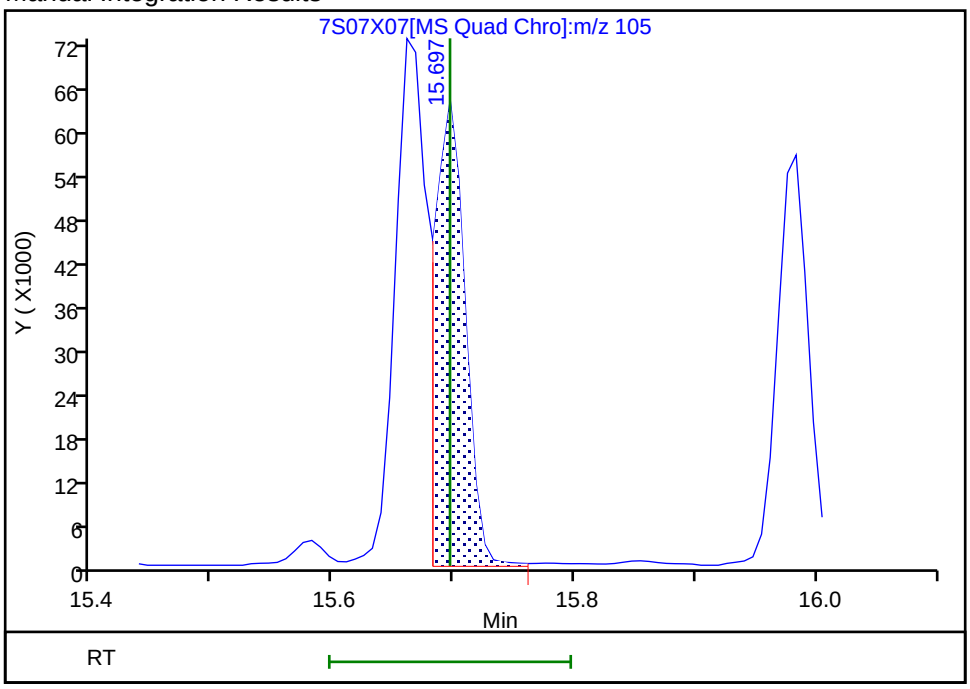
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 103654
Amount: 0.961983
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

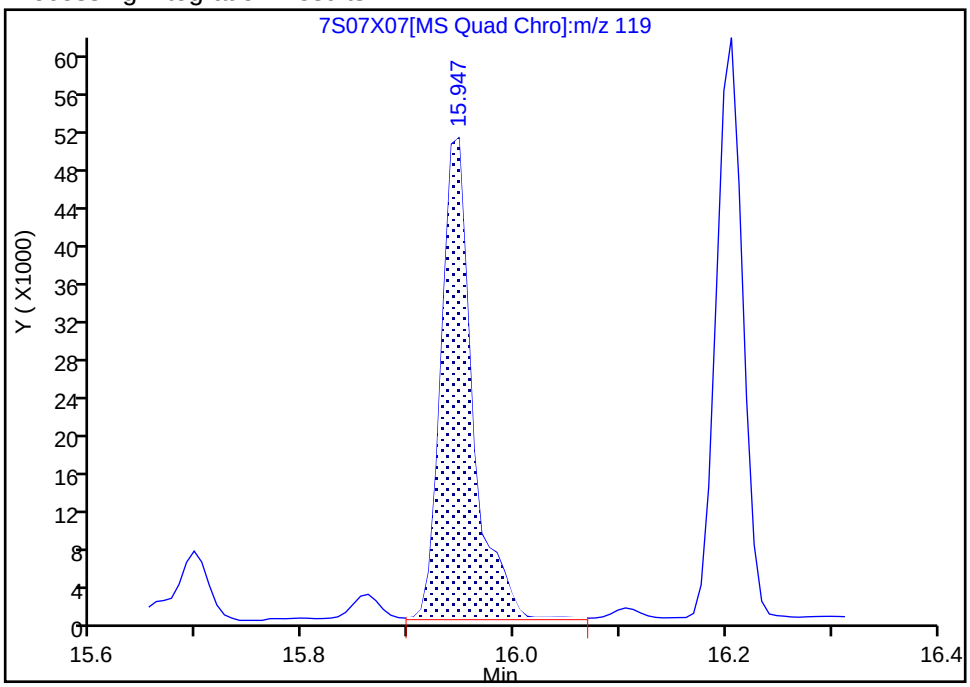
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

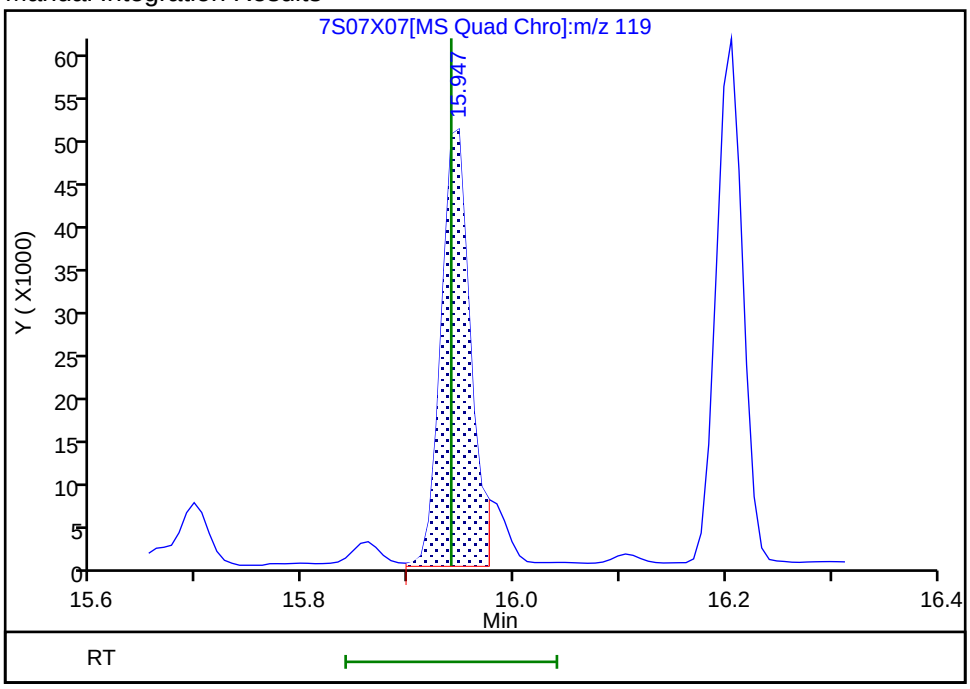
Processing Integration Results

RT: 15.95
Area: 106895
Amount: 0.951536
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 97090
Amount: 0.904455
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:23:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

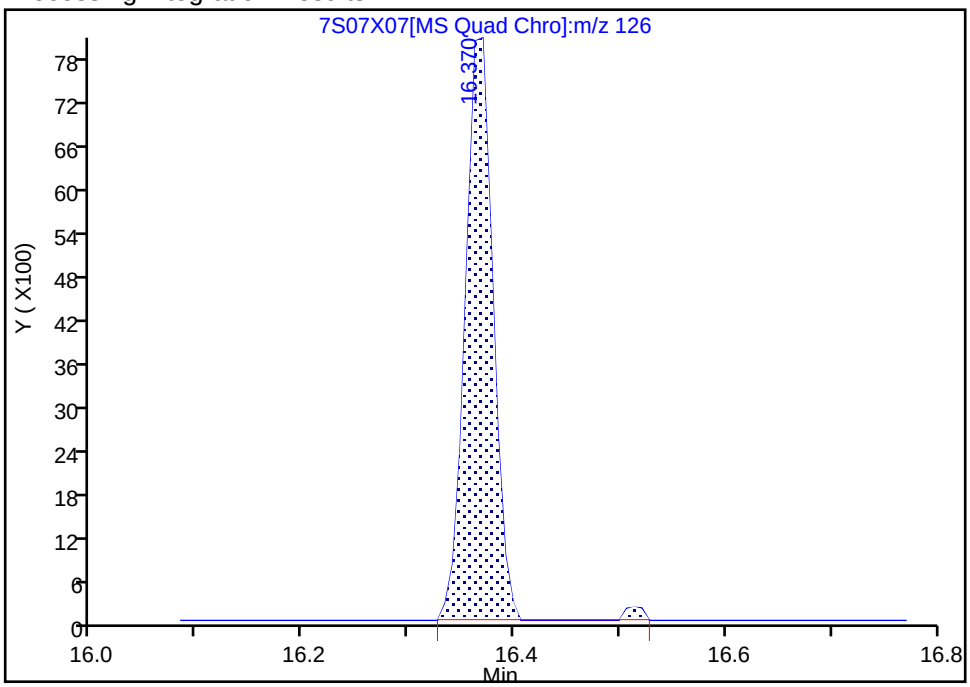
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D | | | | |
| Injection Date: | 08-Sep-2025 00:45:17 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 1ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 92 Benzyl chloride, CAS: 100-44-7

Signal: 1

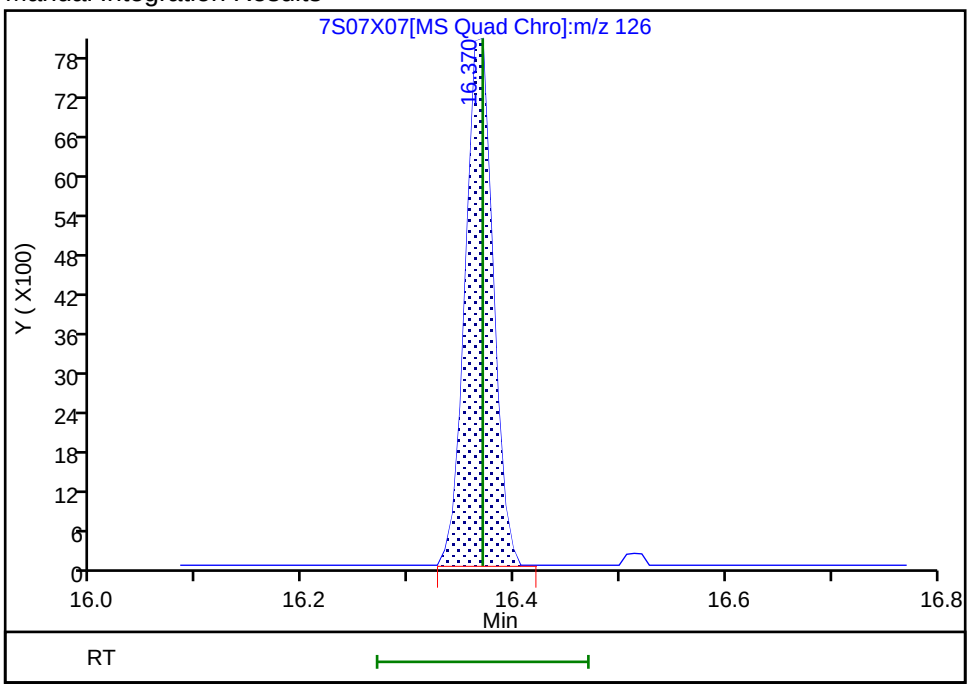
Processing Integration Results

RT: 16.37
Area: 14829
Amount: 0.830640
Amount Units: ppb v/v




Manual Integration Results

RT: 16.37
Area: 14605
Amount: 0.819378
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 13:24:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Lims ID: ICISAV Cal 5ppb
Client ID:
Sample Type: ICISAV Calib Level: 6
Inject. Date: 08-Sep-2025 01:12:42 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ICISAV CAL 5PPB
Misc. Info.: 410-0158855-008
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:48:20 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 10-Sep-2025 11:35:53

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.304 | 3.304 | 0.000 | 97 | 123548 | NC | NC | a |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 386227 | 5.00 | 4.85 | a |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 234311 | 5.00 | 5.20 | a |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.641 | 3.641 | 0.000 | 95 | 381017 | 5.00 | 5.38 | a |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 89 | 145631 | 5.00 | 5.11 | a |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 231676 | 5.00 | 4.33 | Ma |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 78 | 152621 | 5.00 | 5.26 | a |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 95 | 110341 | 5.00 | 4.90 | a |
| 8 Bromomethane | 94 | 4.694 | 4.694 | 0.000 | 91 | 106167 | 5.00 | 4.91 | a |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 77050 | 5.00 | 4.40 | a |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 130891 | 5.00 | 4.66 | a |
| 13 Dichlorofluoromethane | 67 | 5.331 | 5.331 | 0.000 | 82 | 343662 | NC | NC | a |
| 12 Trichlorofluoromethane | 101 | 5.403 | 5.403 | 0.000 | 86 | 366646 | 5.00 | 5.06 | a |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 268296 | NC | NC | a |
| 14 Ethanol | 45 | 5.661 | 5.661 | 0.000 | 50 | 36786 | NC | NC | Ma |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 95 | 63594 | NC | NC | Ma |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 224161 | 5.00 | 4.57 | a |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 89 | 178594 | 5.00 | 4.94 | a |
| 23 Acetone | 43 | 6.377 | 6.377 | 0.000 | 99 | 239306 | 5.00 | 4.62 | a |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 75 | 165914 | 5.00 | 4.33 | Ma |
| 18 Iodomethane | 142 | 6.606 | 6.606 | 0.000 | 98 | 277803 | NC | NC | a |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 471063 | 5.00 | 4.54 | a |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 97 | 146667 | NC | NC | a |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 198983 | 5.00 | 4.16 | a |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 94 | 124905 | 5.00 | 4.55 | a |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 97 | 185366 | 5.70 | 5.83 | a |
| 31 Acrylonitrile | 53 | 7.531 | 7.531 | 0.000 | 97 | 129452 | NC | NC | Ma |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 375504 | 5.00 | 5.00 | a |
| 24 trans-1,2-Dichloroethene | 61 | 7.659 | 7.659 | 0.000 | 91 | 241044 | 5.00 | 4.62 | a |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 94 | 123384 | 5.00 | 4.59 | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 32010 | NC | NC | a |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 285491 | 5.00 | 4.49 | a |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 547530 | NC | NC | a |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 91 | 451129 | NC | NC | a |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 74458 | 5.00 | 5.06 | a |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 66 | 270104 | 5.00 | 4.56 | a |
| 38 Ethyl acetate | 70 | 9.243 | 9.243 | 0.000 | 88 | 37698 | NC | NC | a |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 88 | 291482 | NC | NC | a |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 90 | 348421 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.636 | 9.636 | 0.000 | 90 | 192551 | 5.00 | 4.52 | a |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 69 | 320439 | 5.00 | 4.49 | a |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 58 | 300739 | 5.00 | 4.78 | a |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 236955 | 5.00 | 4.77 | a |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 289506 | 5.00 | 4.97 | a |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 547087 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 96 | 471430 | 5.00 | 4.45 | a |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 91 | 223073 | 5.00 | 4.57 | a |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 74 | 409748 | NC | NC | a |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 93 | 792533 | 5.00 | 4.89 | a |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 95 | 155949 | 5.00 | 4.87 | a |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 1309596 | 10.0 | 10.0 | a |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 181252 | 5.00 | 4.30 | a |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 99 | 349977 | NC | NC | a |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 76 | 199566 | 5.00 | 4.53 | a |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 163208 | 5.00 | 4.88 | a |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 84 | 73081 | 5.00 | 5.11 | Ma |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 82 | 161646 | NC | NC | a |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 352583 | 5.00 | 4.57 | a |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 90 | 287802 | 5.00 | 4.64 | a |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 394889 | 5.00 | 4.84 | Ma |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1399381 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 566915 | 5.00 | 4.62 | a |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 419781 | NC | NC | a |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 229179 | 5.00 | 4.66 | Ma |
| 63 Ethyl methacrylate | 69 | 13.368 | 13.368 | 0.000 | 74 | 277815 | NC | NC | a |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 85 | 200482 | 5.00 | 4.87 | a |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 84 | 231168 | 5.00 | 4.38 | a |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 99 | 385122 | 5.00 | 5.16 | a |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 251797 | 5.00 | 4.76 | a |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 296544 | 5.00 | 4.80 | a |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1190995 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 416208 | 5.00 | 4.48 | a |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 694330 | 5.00 | 4.69 | a |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 52 | 214202 | NC | NC | a |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 1055613 | 10.0 | 9.61 | a |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 528301 | 5.00 | 4.84 | a |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 91 | 400416 | 5.00 | 5.05 | a |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 278524 | 5.00 | 4.86 | a |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 95 | 684463 | 5.00 | 5.00 | a |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 61 | 449534 | 5.00 | 4.79 | Ma |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 104933 | NC | NC | a |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 84 | 217842 | NC | NC | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 87 | 186166 | 5.00 | 5.01 | a |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 88 | 715751 | 5.00 | 5.24 | Ma |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 91 | 171546 | 5.00 | 4.84 | a |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 67 | 560860 | 5.00 | 5.13 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 293022 | NC | NC | a |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 76 | 538106 | 5.00 | 4.94 | Ma |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 580420 | 5.00 | 5.02 | a |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 822037 | 5.00 | 4.96 | a |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 93 | 640613 | 5.00 | 4.87 | a |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 375073 | 5.00 | 4.89 | a |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 374633 | 5.00 | 4.86 | a |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 83 | 84084 | 5.00 | 4.65 | a |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 349929 | 5.00 | 4.93 | a |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 94 | 345777 | 5.00 | 4.87 | a |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 92 | 190430 | NC | NC | a |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 76 | 165741 | NC | NC | a |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 91 | 239097 | 5.00 | 4.99 | a |
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 90 | 196075 | 5.00 | 4.55 | a |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 98 | 579652 | 5.00 | 5.10 | a |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 511148 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.30 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1583914 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:48:57 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D

Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004

Lims ID: ICISAV Cal 5ppb

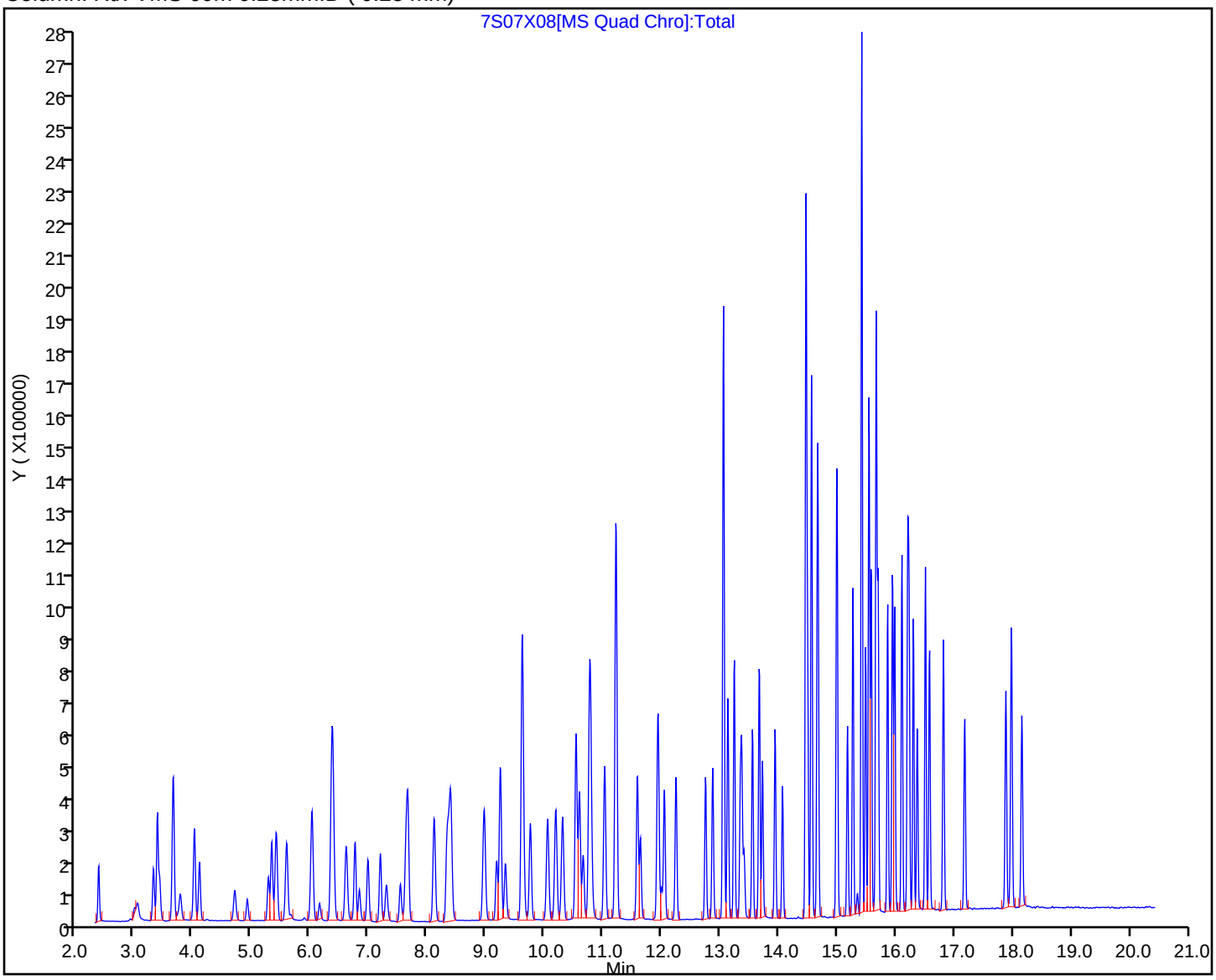
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

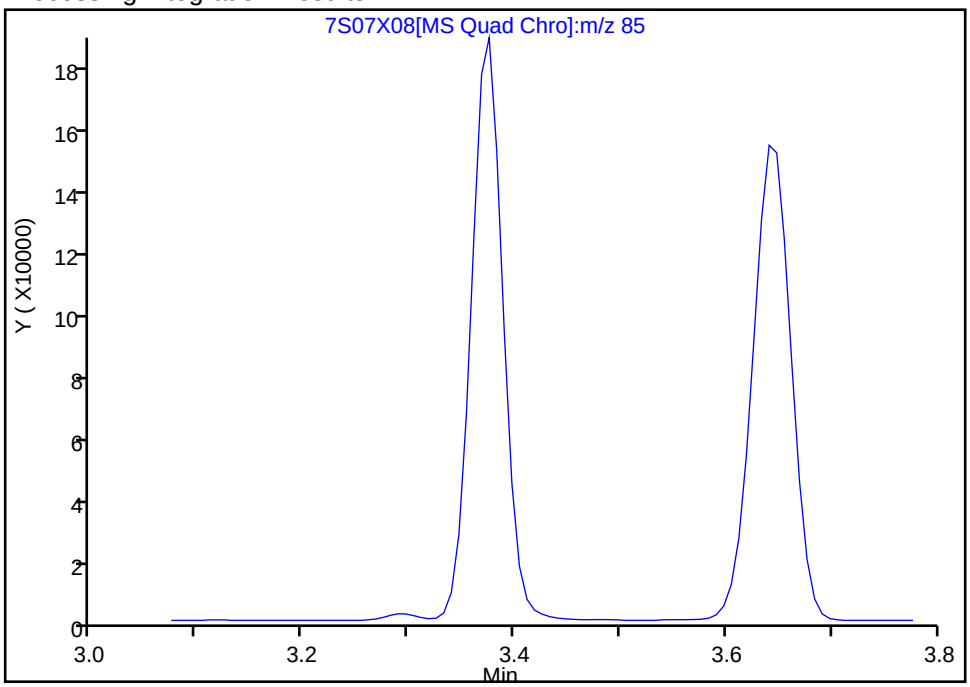
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

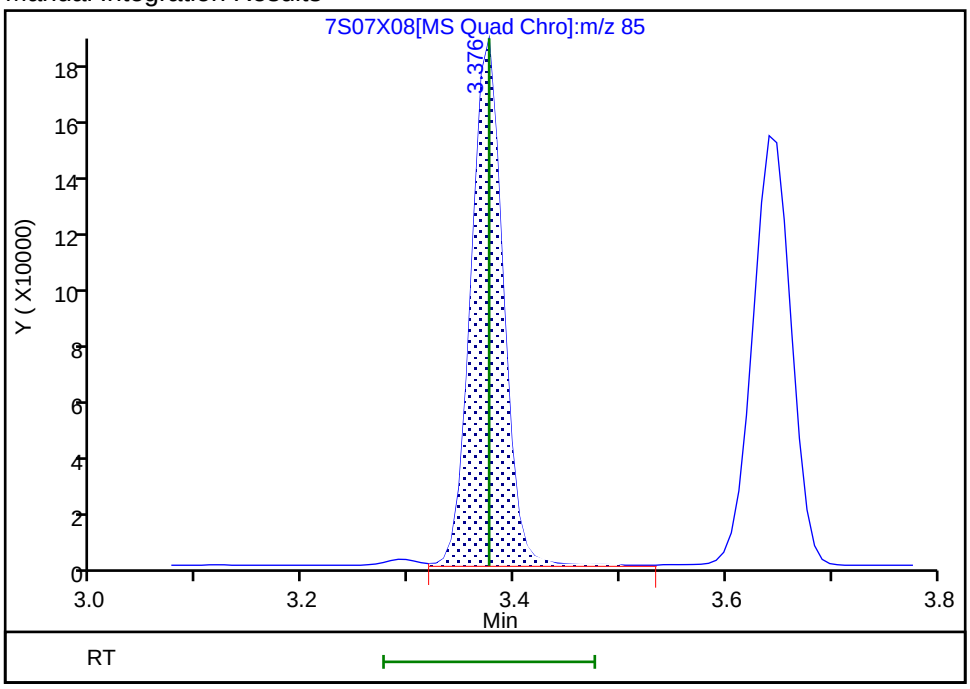
Not Detected
Expected RT: 3.38

Processing Integration Results




Manual Integration Results

RT: 3.38
Area: 386227
Amount: 4.852194
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:55:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

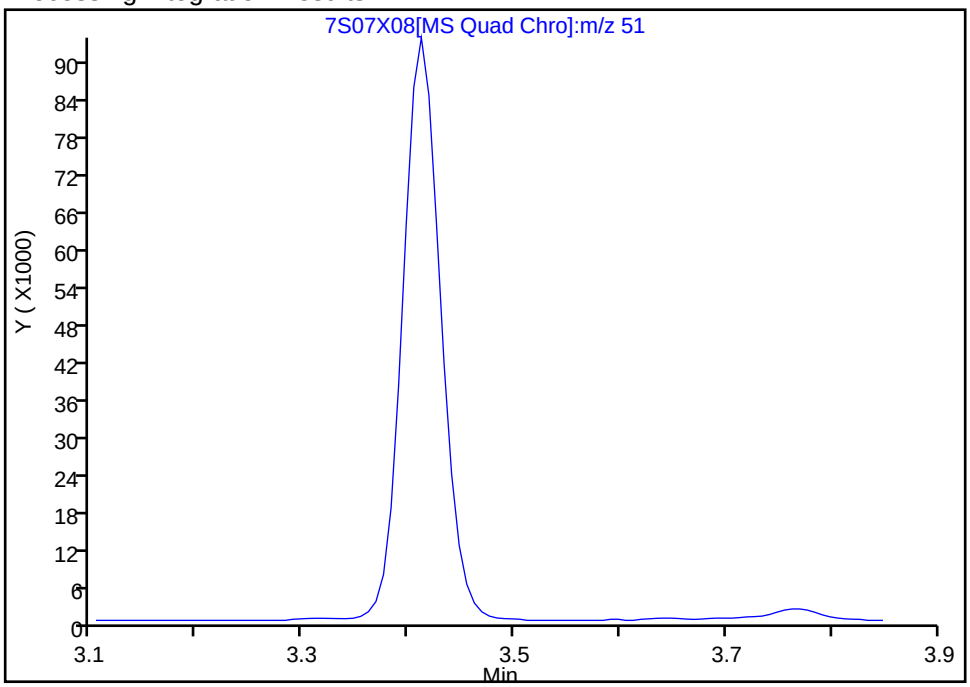
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

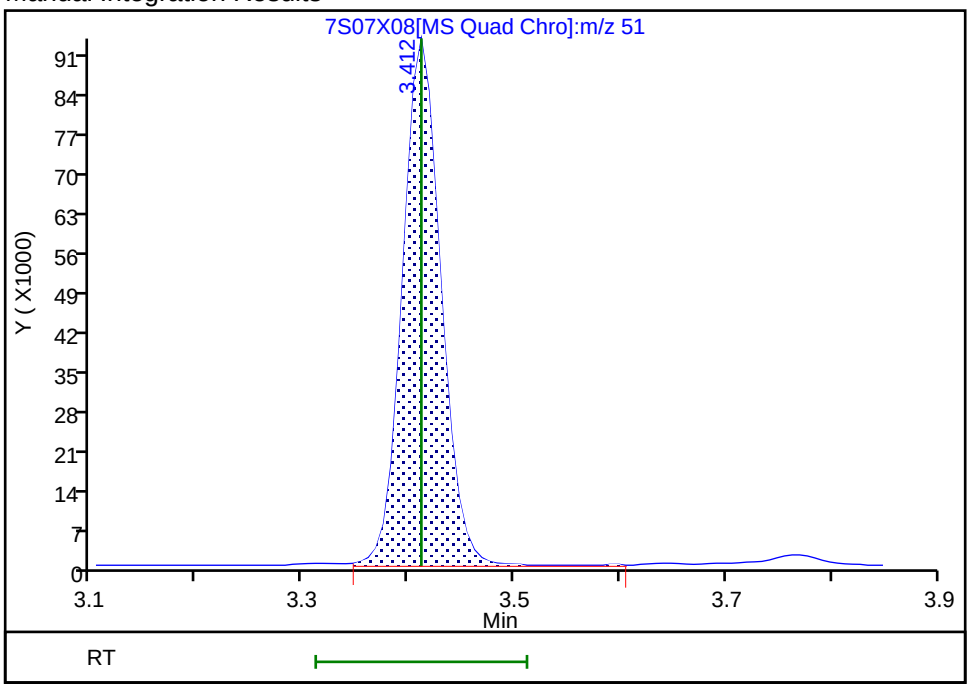
Not Detected
Expected RT: 3.41

Processing Integration Results




Manual Integration Results

RT: 3.41
Area: 234311
Amount: 5.200195
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

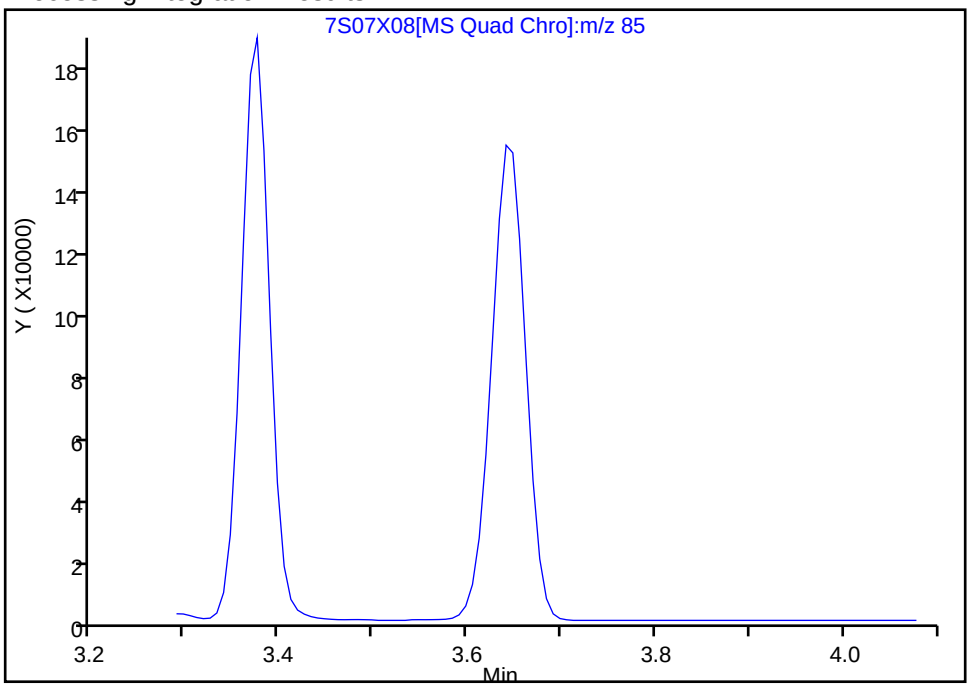
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 4 1,2-Dichloro-1,1,2,2-tetrafluoro, CAS: 76-14-2

Signal: 1

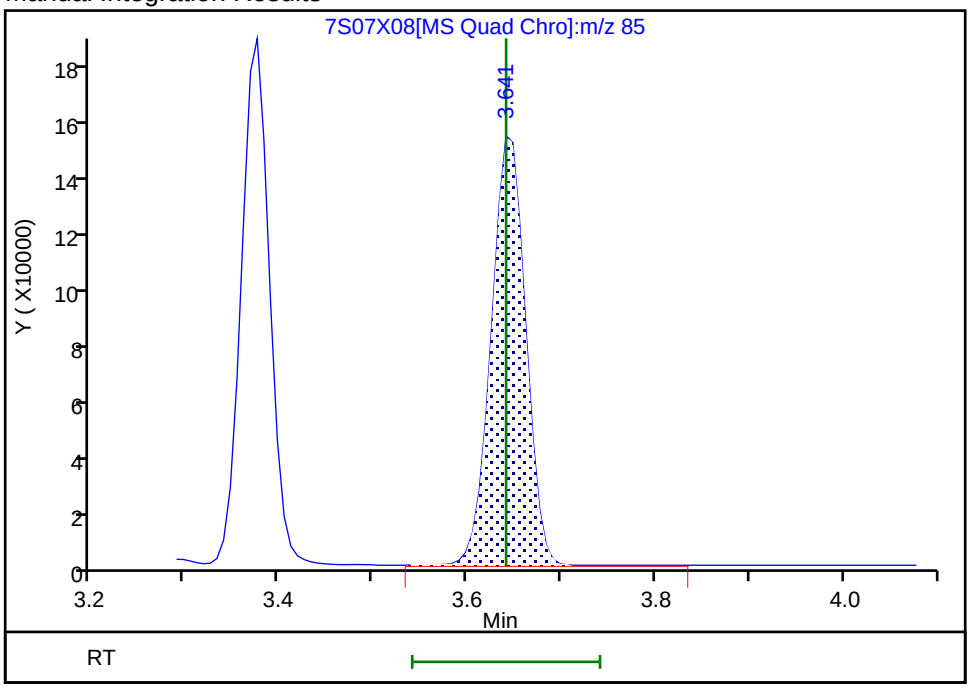
Processing Integration Results

Not Detected
Expected RT: 3.64




Manual Integration Results

RT: 3.64
Area: 381017
Amount: 5.380748
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

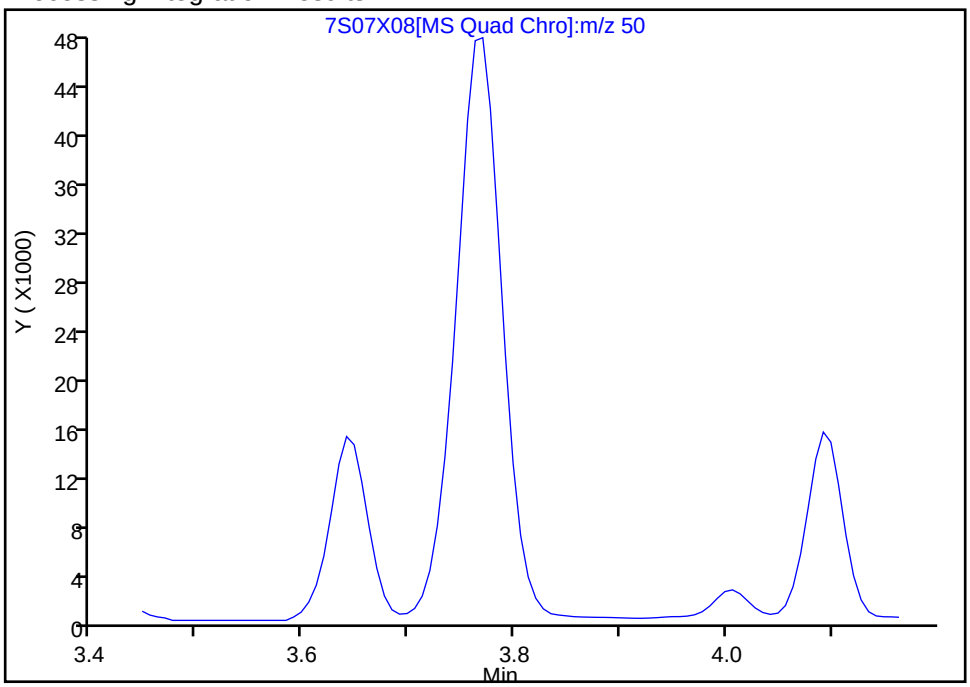
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

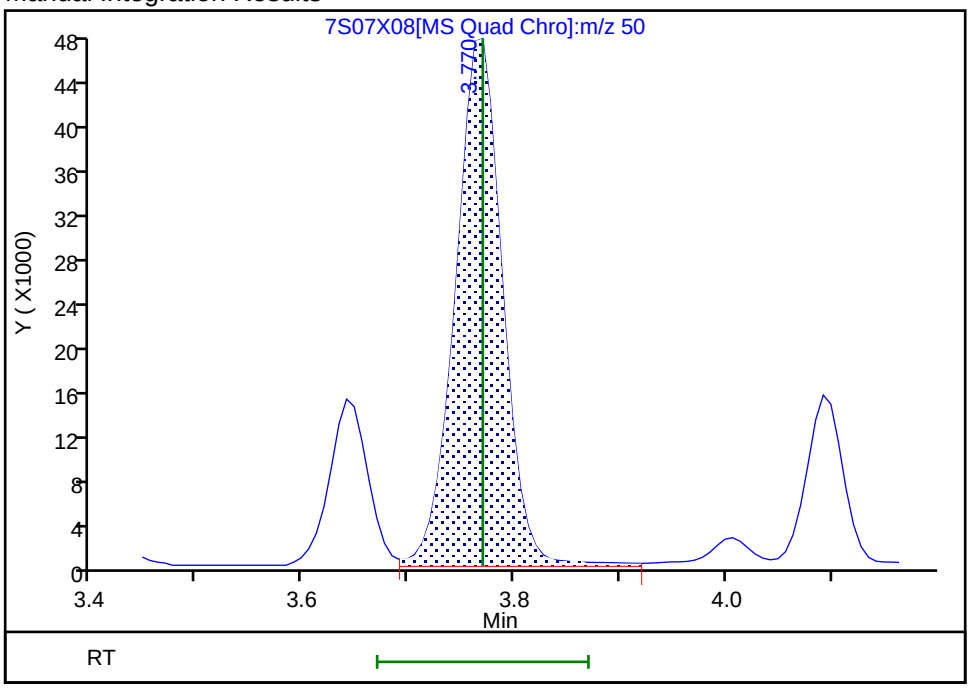
Not Detected
Expected RT: 3.77

Processing Integration Results




Manual Integration Results

RT: 3.77
Area: 145631
Amount: 5.109103
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

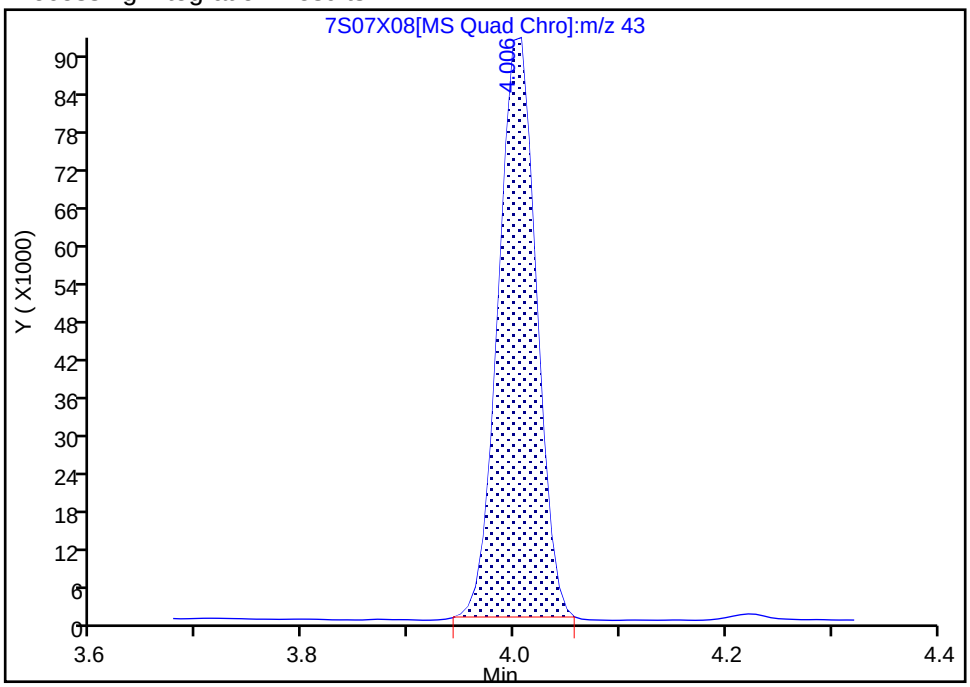
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

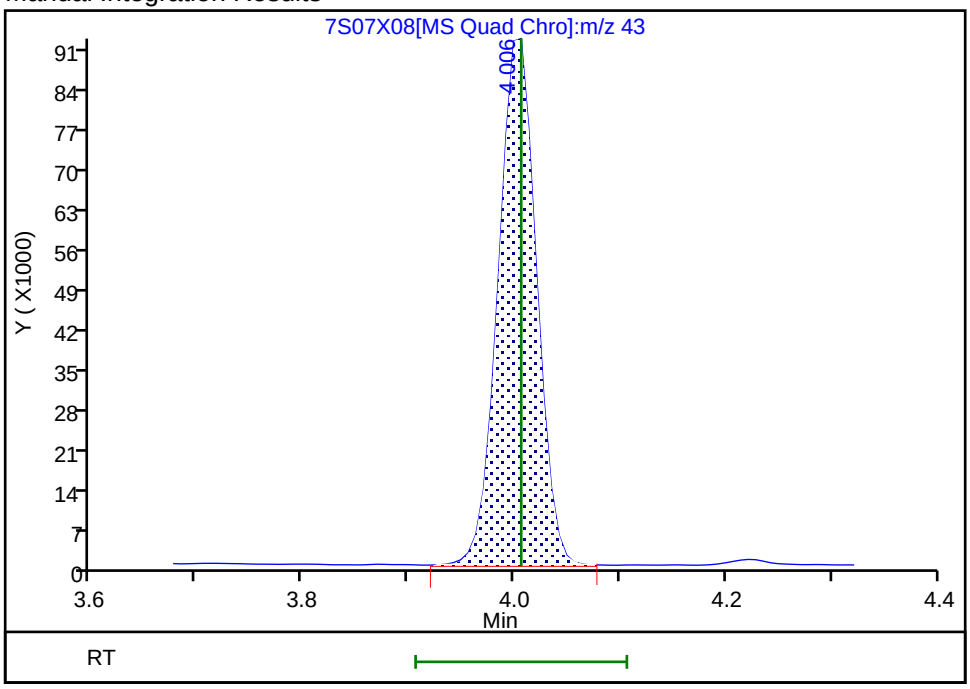
Processing Integration Results

RT: 4.01
Area: 227902
Amount: 5.000000
Amount Units: ppb v/v




Manual Integration Results

RT: 4.01
Area: 231676
Amount: 4.330645
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:05:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

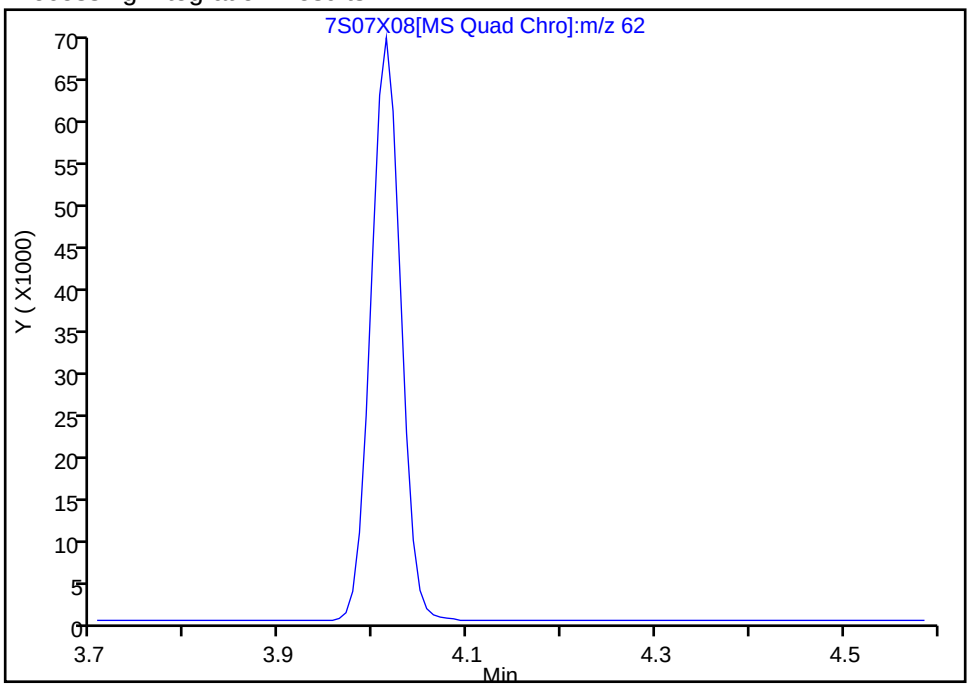
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 6 Vinyl chloride, CAS: 75-01-4

Signal: 1

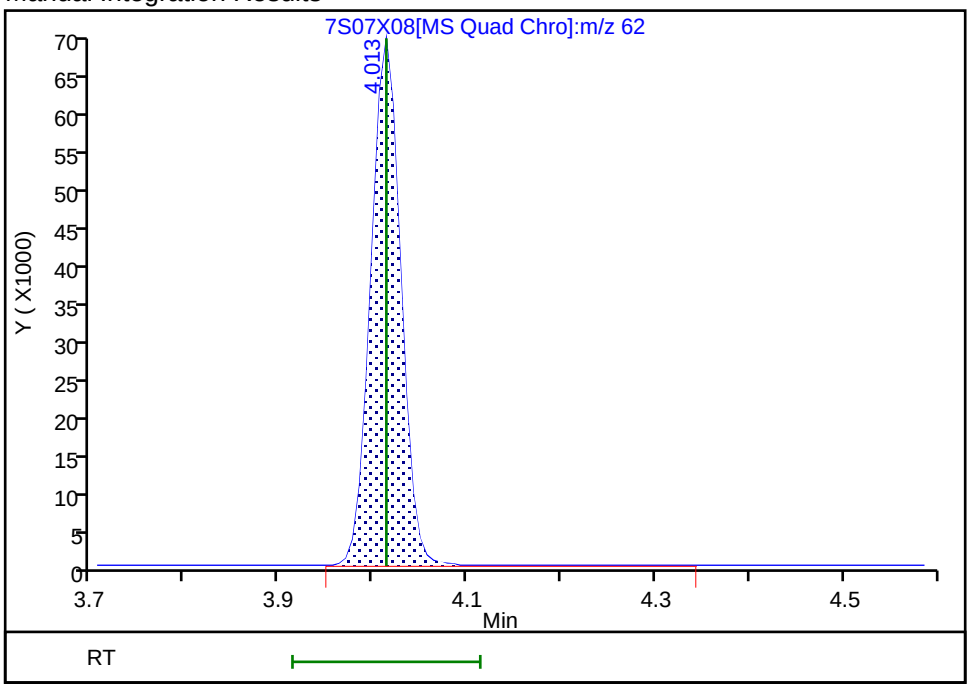
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 152621
Amount: 5.259493
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:56:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

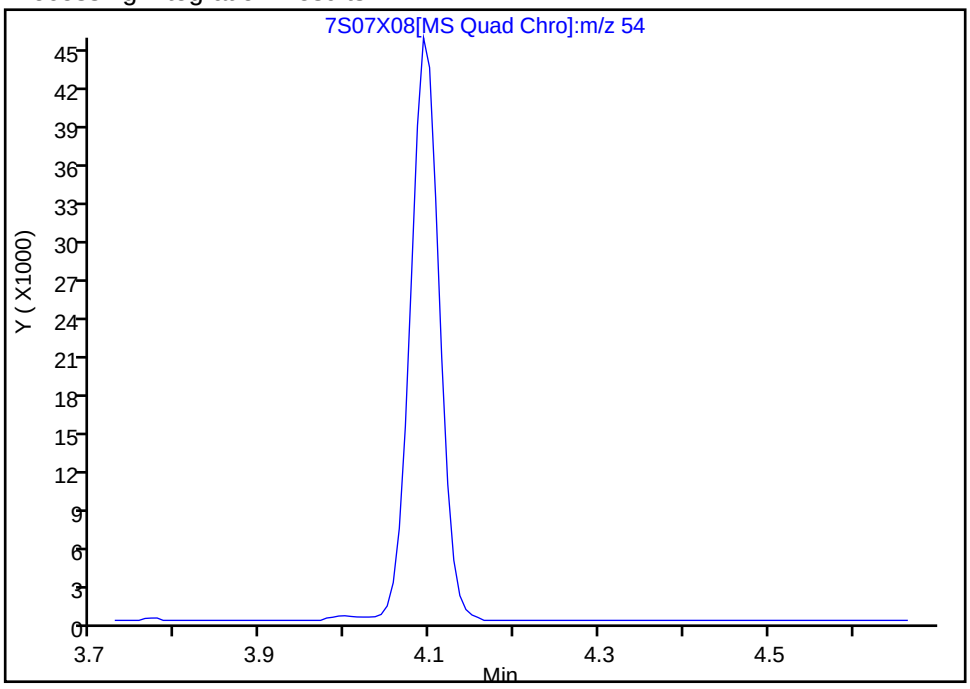
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Signal: 1

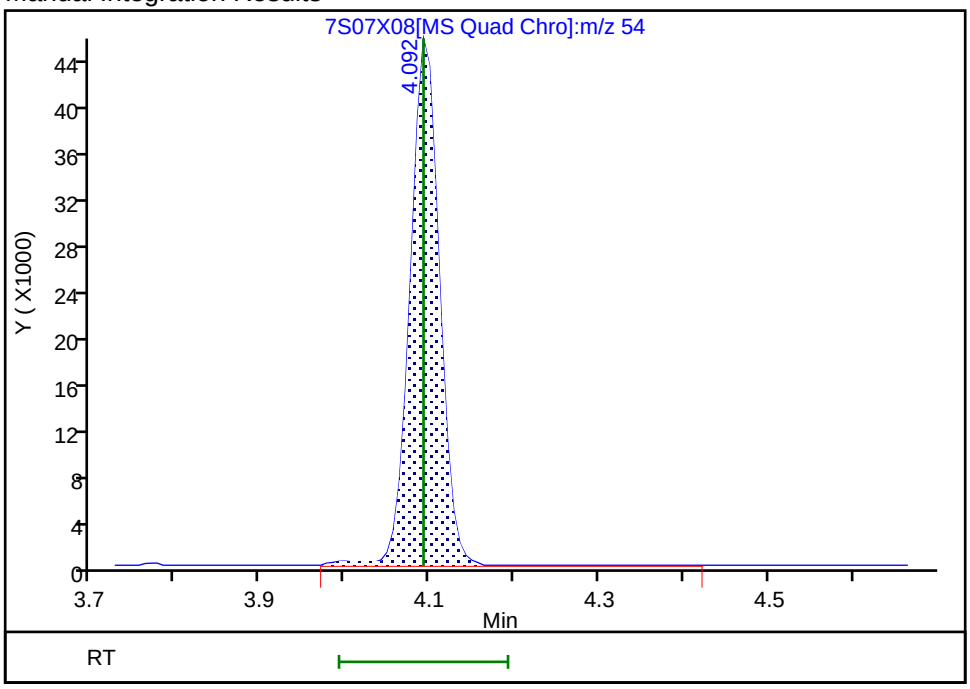
Not Detected
Expected RT: 4.09

Processing Integration Results




Manual Integration Results

RT: 4.09
Area: 110341
Amount: 4.904713
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

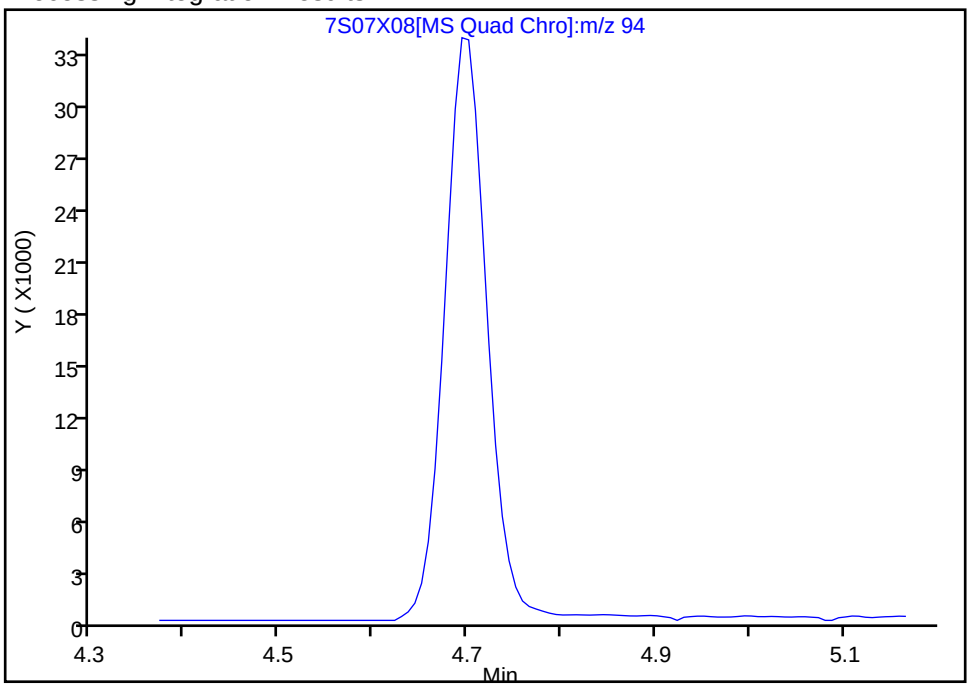
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 8 Bromomethane, CAS: 74-83-9

Signal: 1

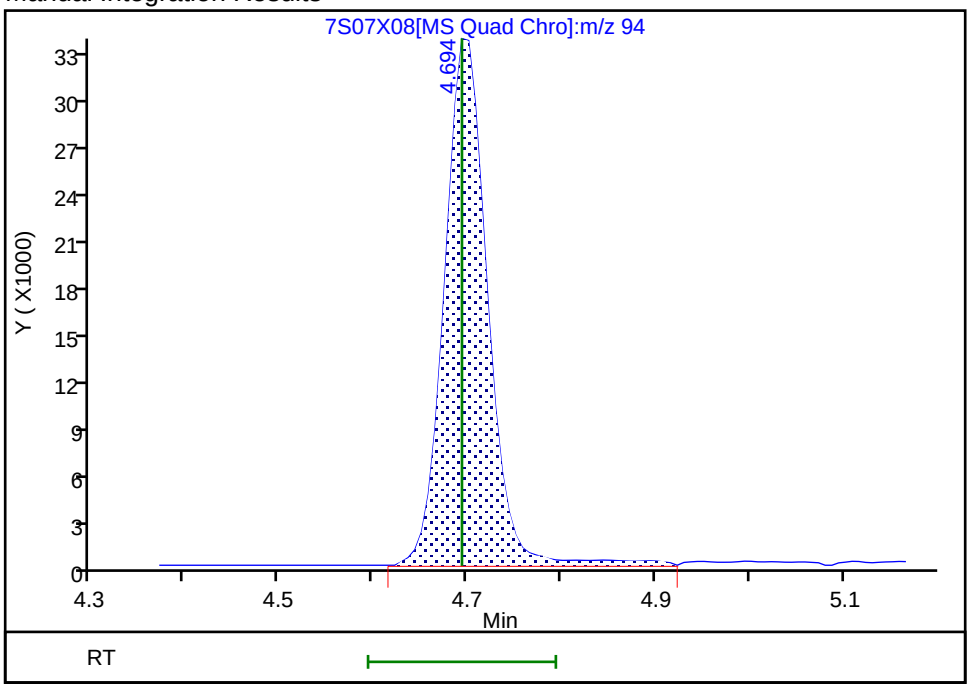
Not Detected
Expected RT: 4.69

Processing Integration Results




Manual Integration Results

RT: 4.69
Area: 106167
Amount: 4.911546
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

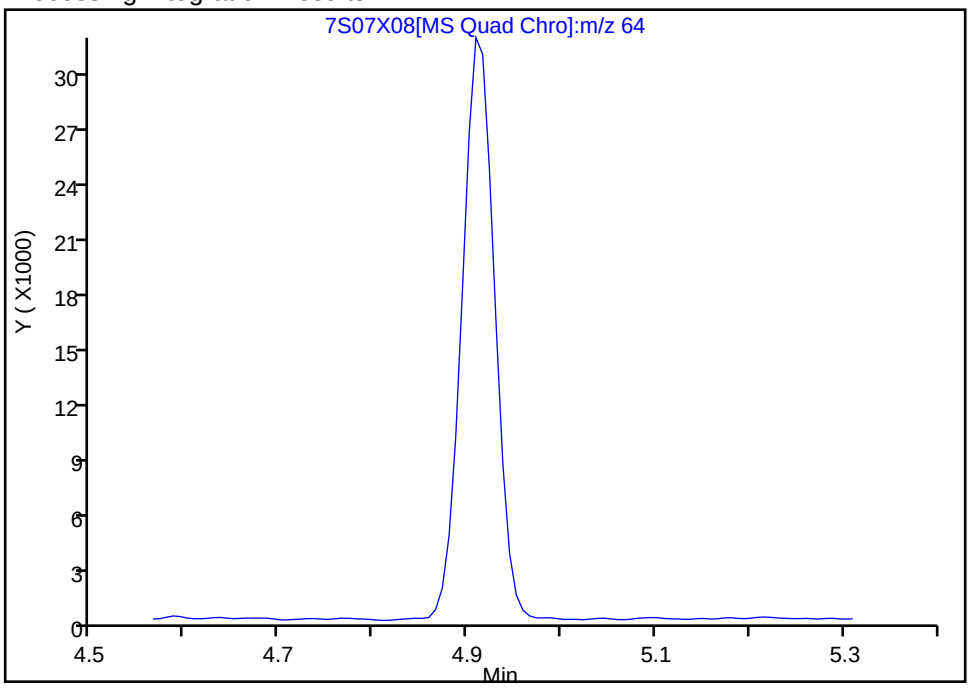
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

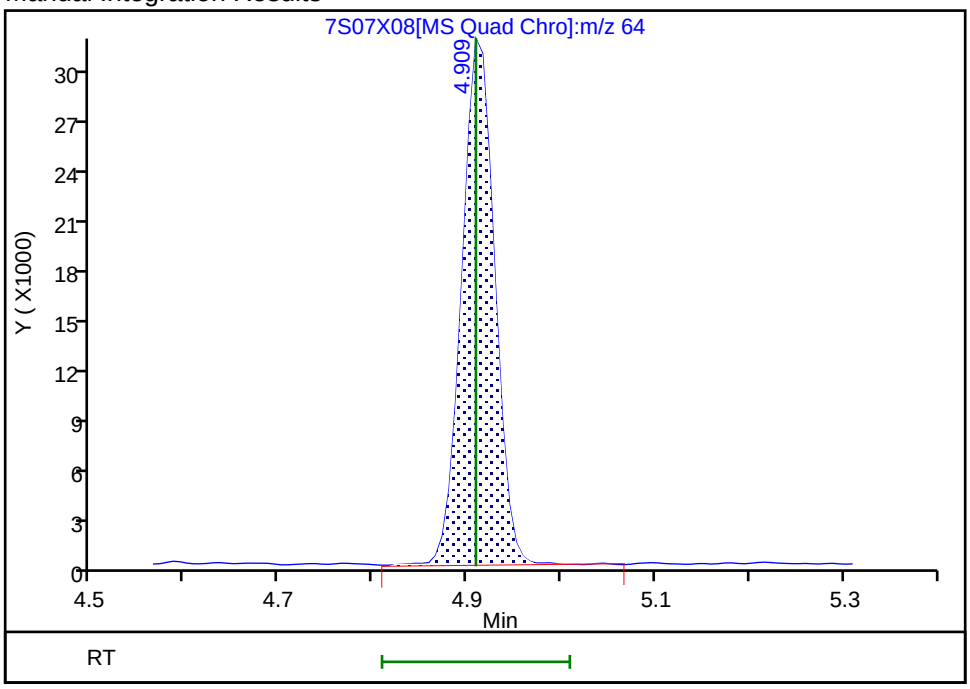
Not Detected
Expected RT: 4.91

Processing Integration Results




Manual Integration Results

RT: 4.91
Area: 77050
Amount: 4.396302
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 13:59:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

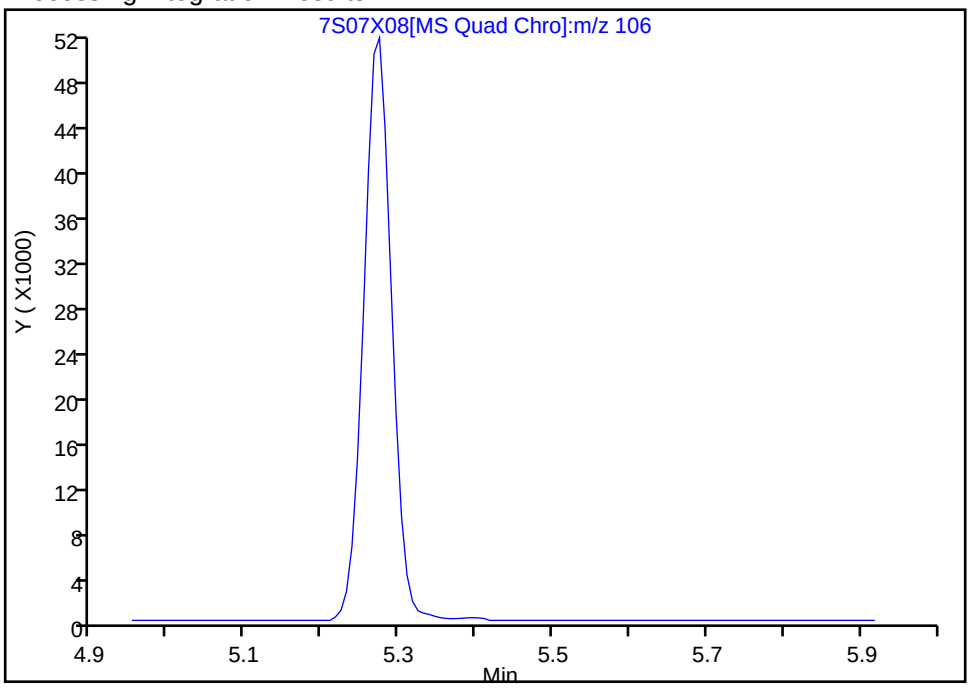
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 10 Vinyl bromide, CAS: 593-60-2

Signal: 1

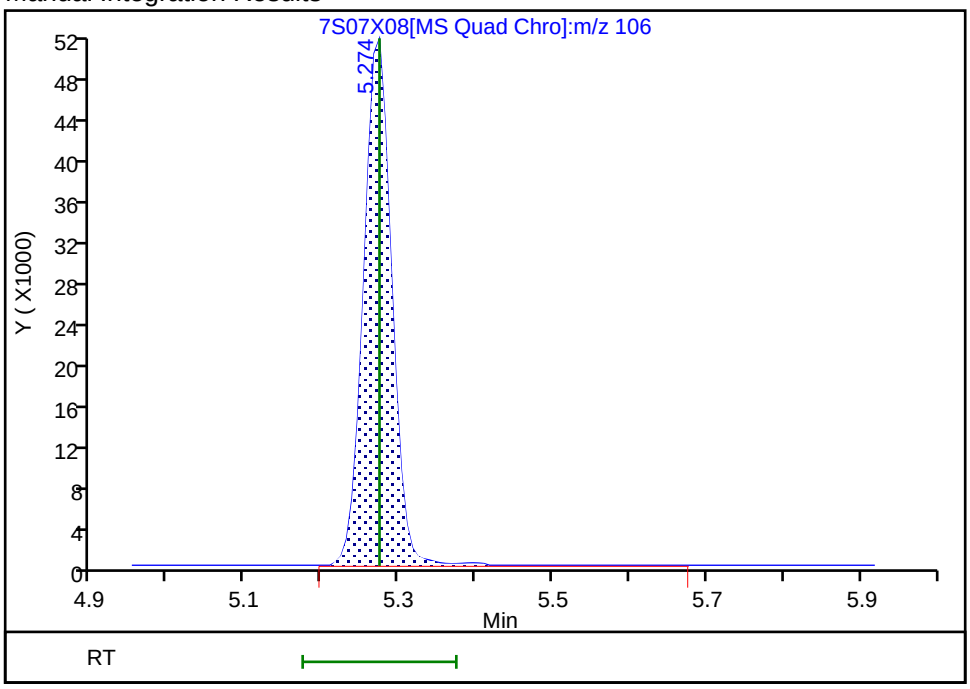
Not Detected
Expected RT: 5.27

Processing Integration Results




Manual Integration Results

RT: 5.27
Area: 130891
Amount: 4.655729
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:44:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

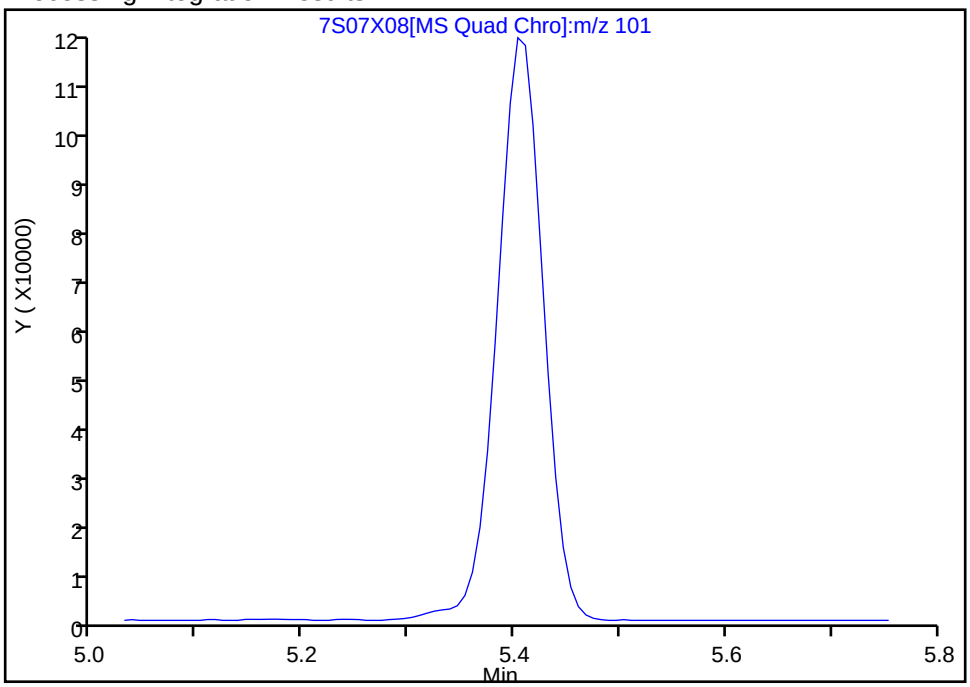
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

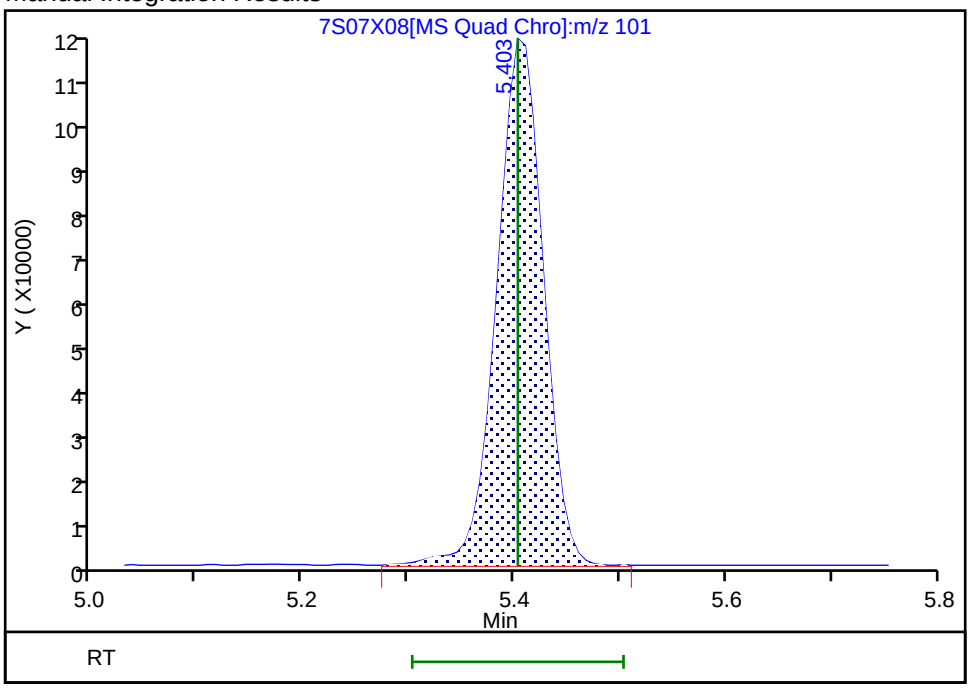
Not Detected
Expected RT: 5.40

Processing Integration Results




Manual Integration Results

RT: 5.40
Area: 366646
Amount: 5.056014
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:45:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

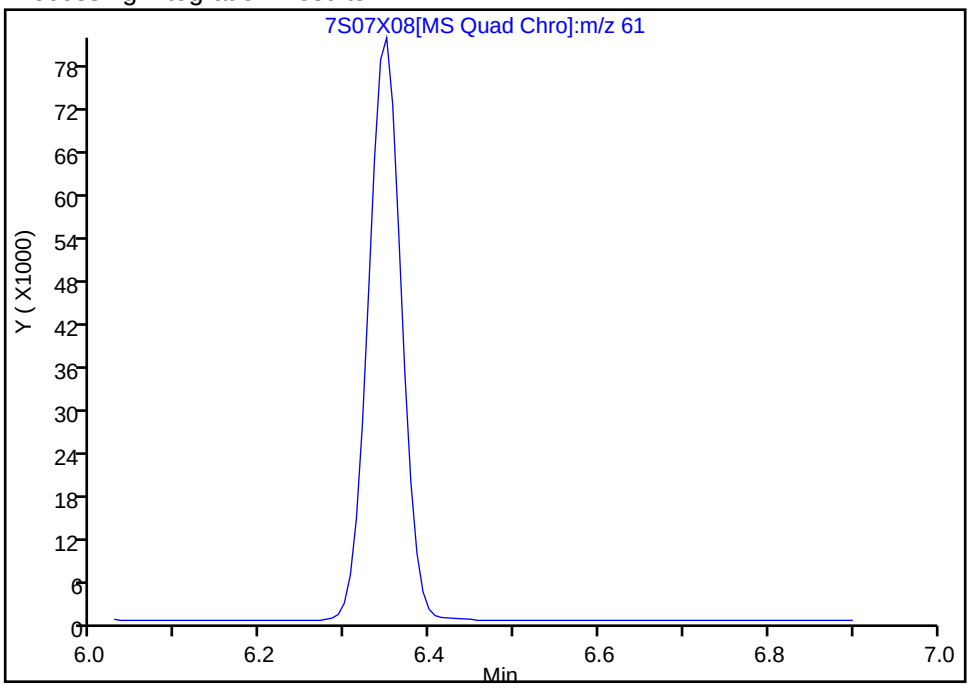
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 15 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

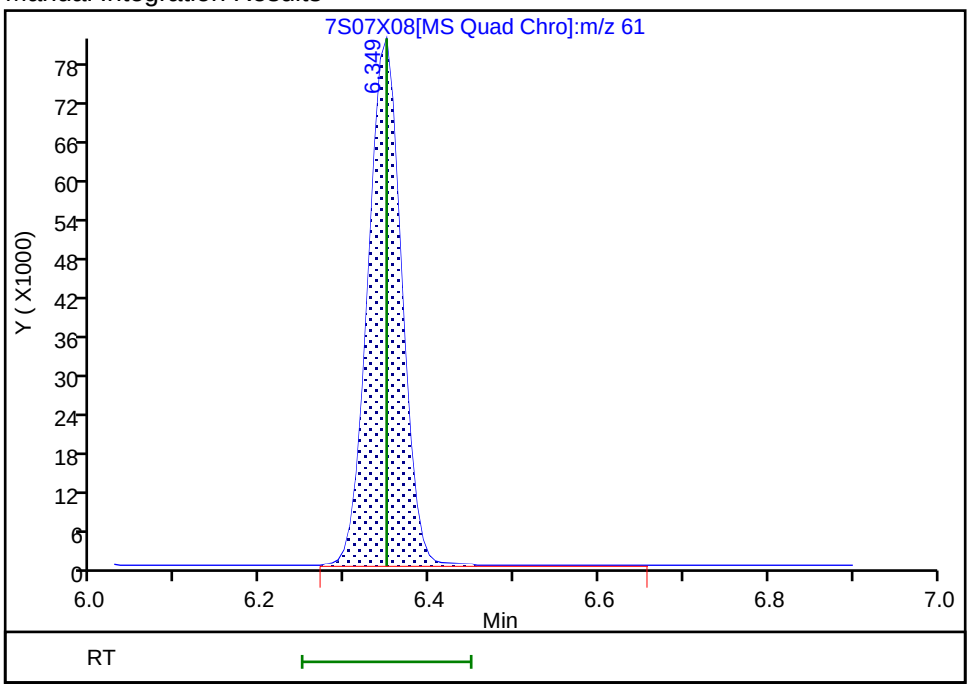
Not Detected
Expected RT: 6.35

Processing Integration Results




Manual Integration Results

RT: 6.35
Area: 224161
Amount: 4.569272
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:48:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

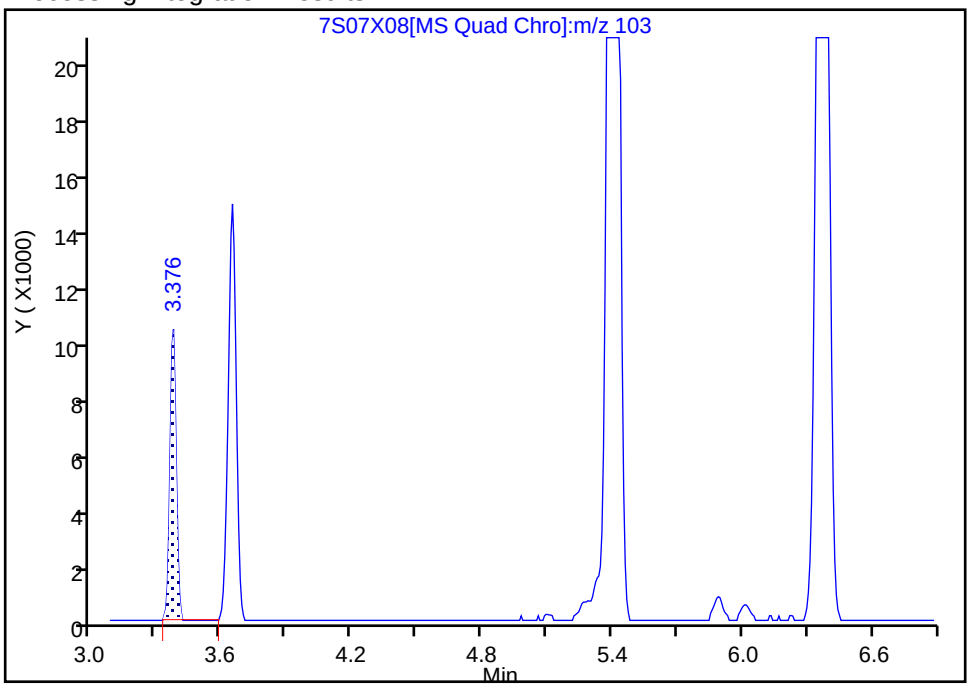
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 16 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

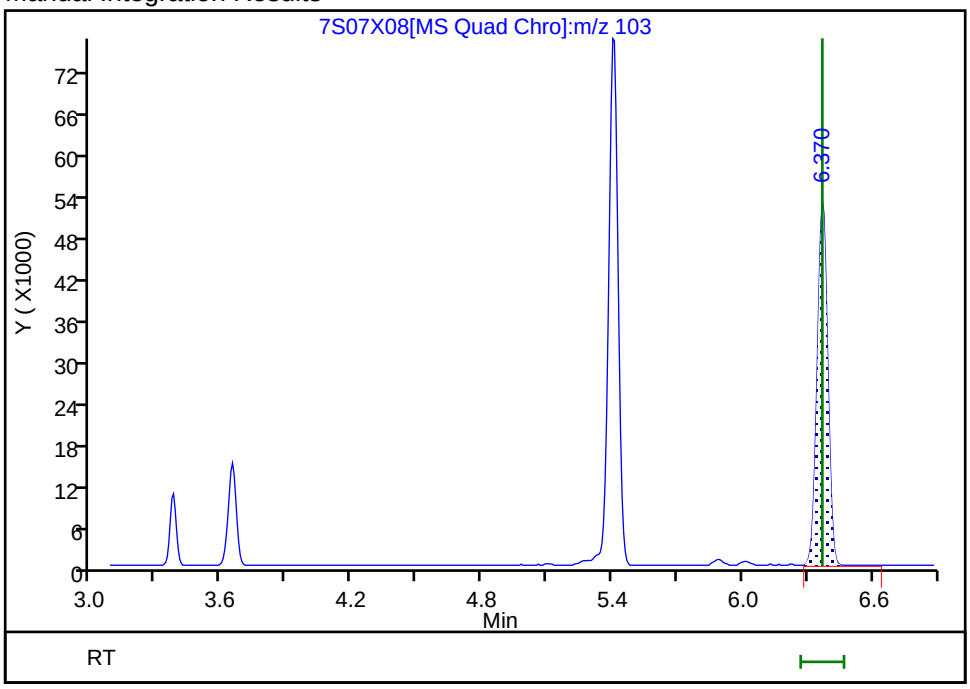
Processing Integration Results

RT: 3.38
Area: 21022
Amount: 4.882157
Amount Units: ppb v/v




Manual Integration Results

RT: 6.37
Area: 178594
Amount: 4.939078
Amount Units: ppb v/v




Reviewer: UKEK, 11-Sep-2025 07:56:29 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

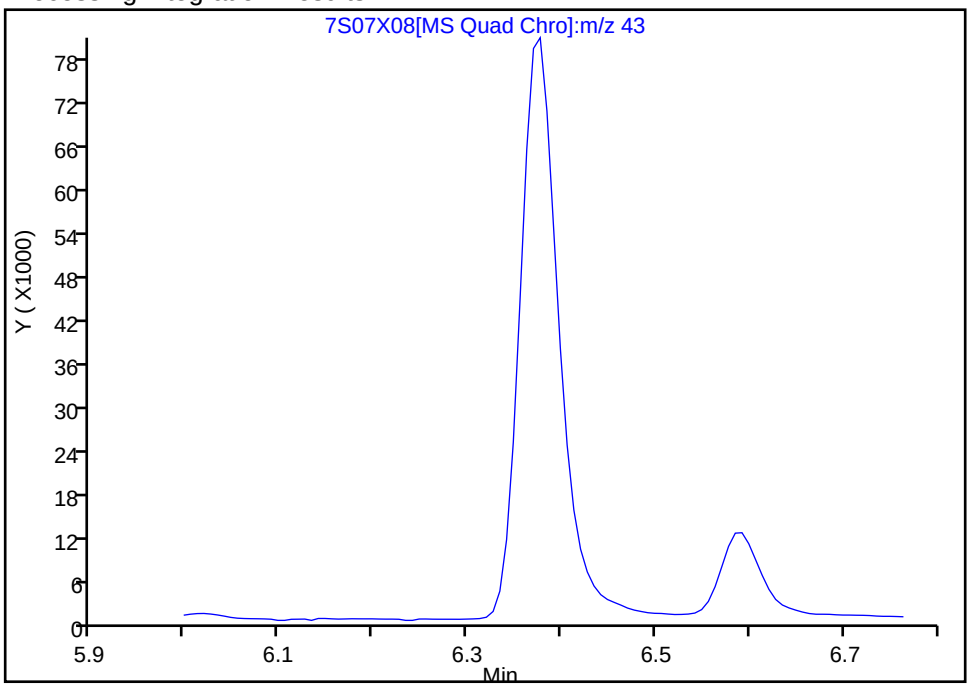
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1

Signal: 1

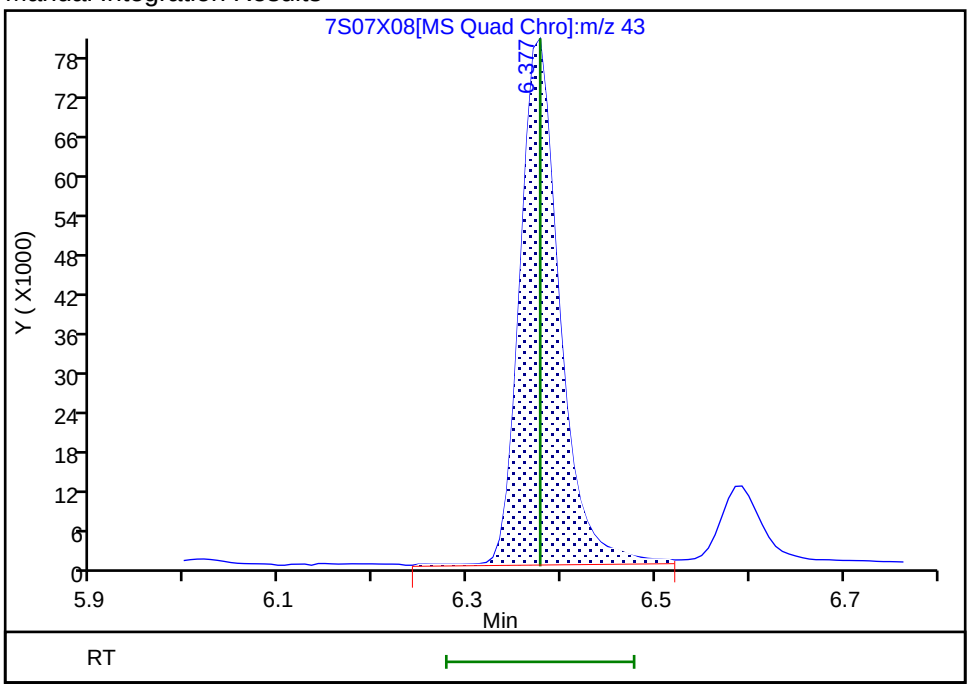
Not Detected
Expected RT: 6.38

Processing Integration Results




Manual Integration Results

RT: 6.38
Area: 239306
Amount: 4.622188
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:48:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

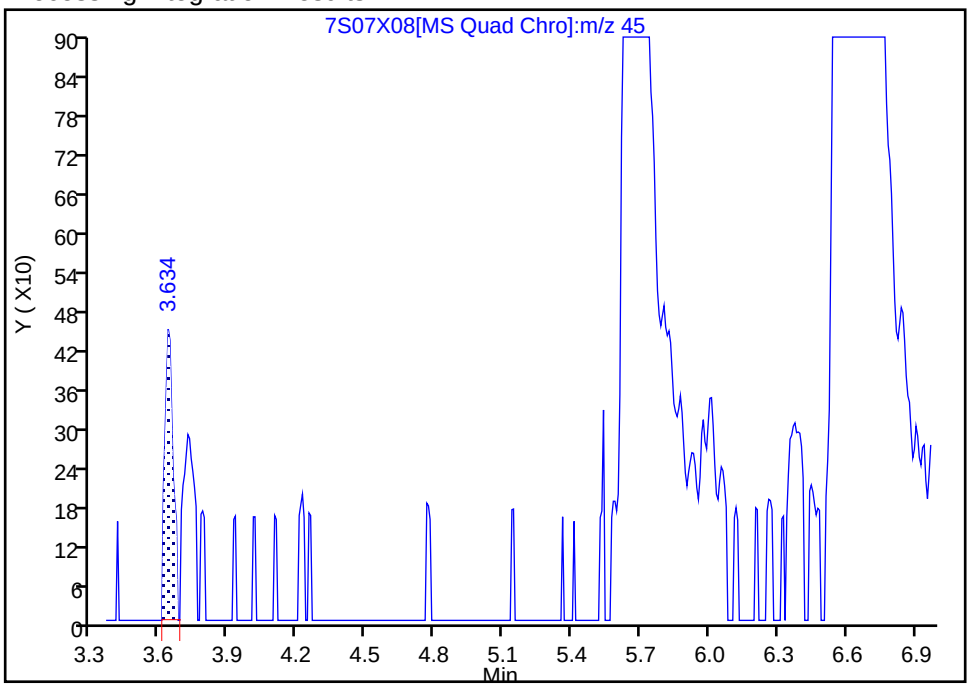
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

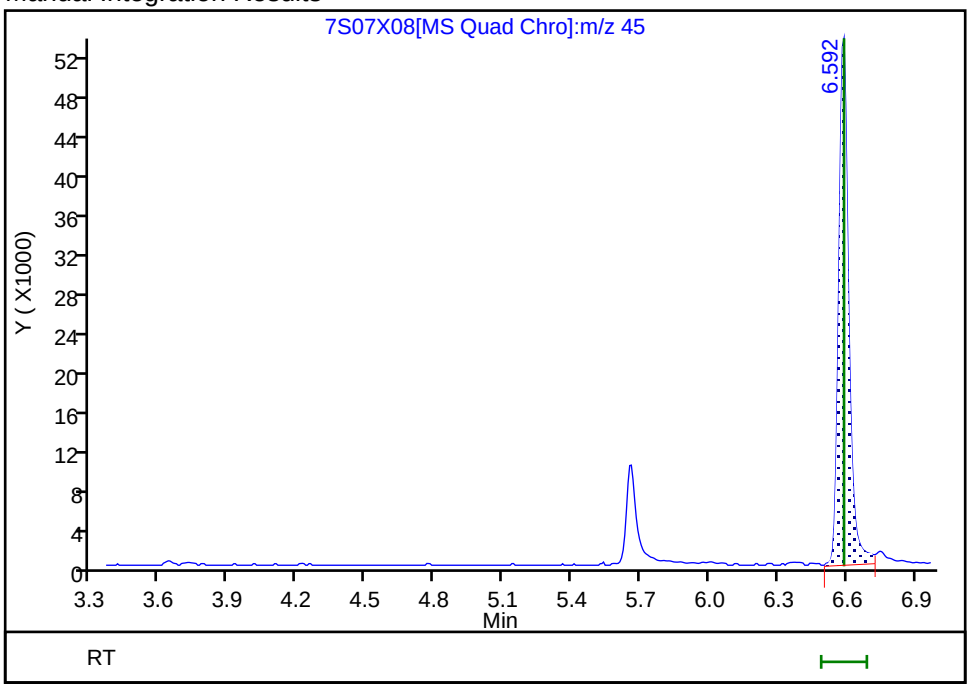
Processing Integration Results

RT: 3.63
Area: 1135
Amount: 0.220031
Amount Units: ppb v/v




Manual Integration Results

RT: 6.59
Area: 165914
Amount: 4.329775
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

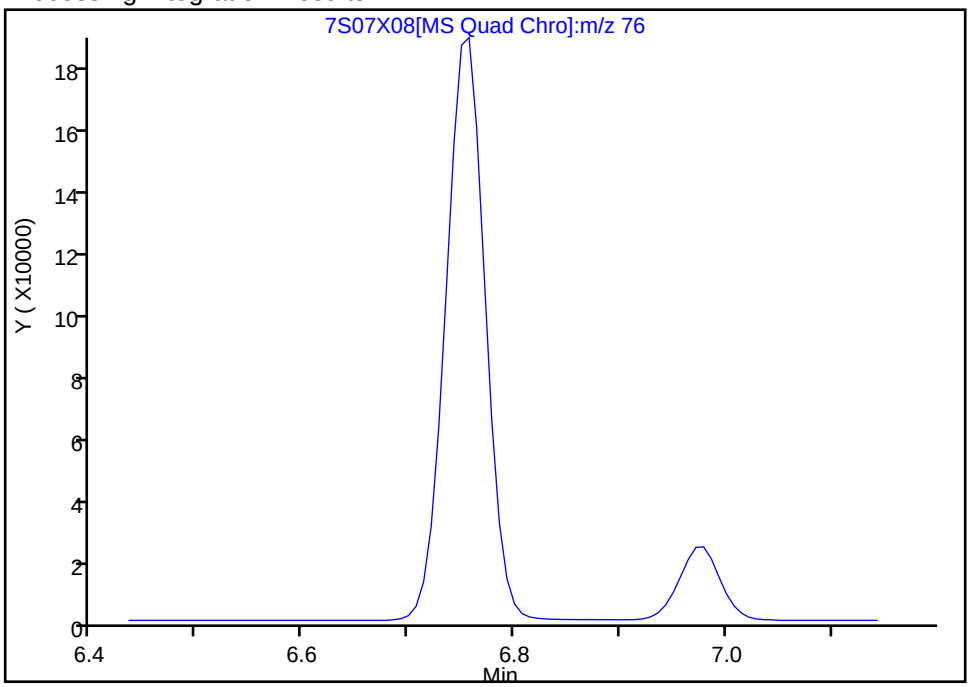
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 17 Carbon disulfide, CAS: 75-15-0

Signal: 1

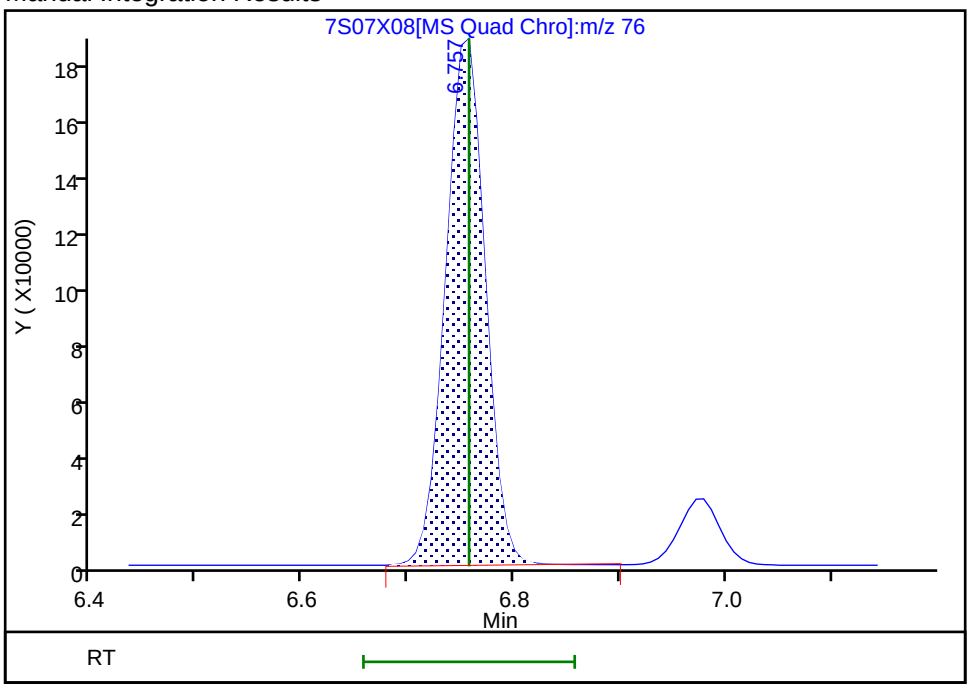
Not Detected
Expected RT: 6.76

Processing Integration Results




Manual Integration Results

RT: 6.76
Area: 471063
Amount: 4.539169
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:00:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

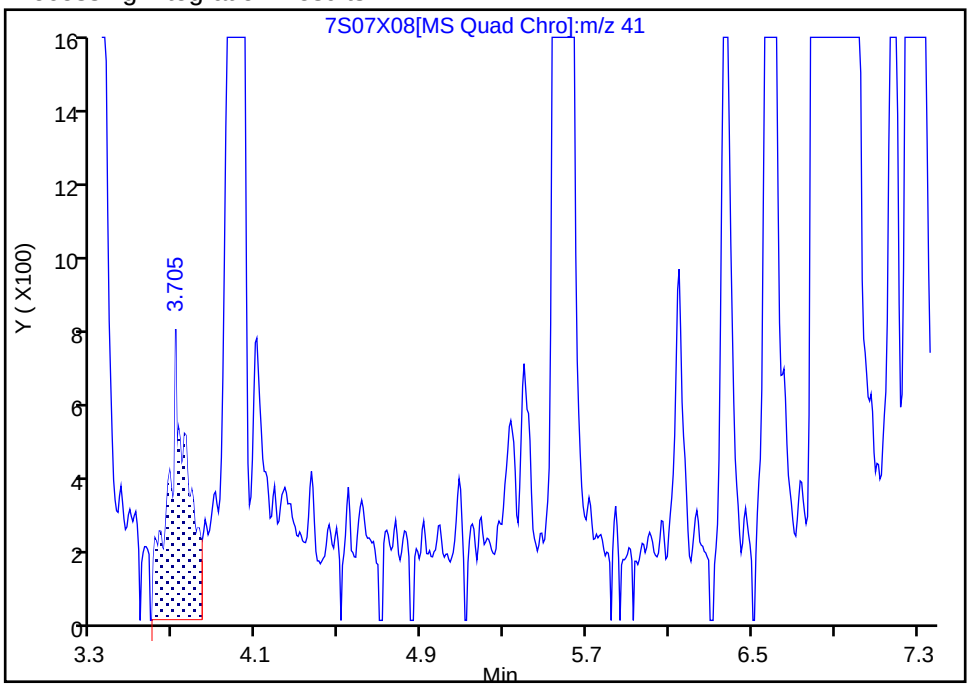
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

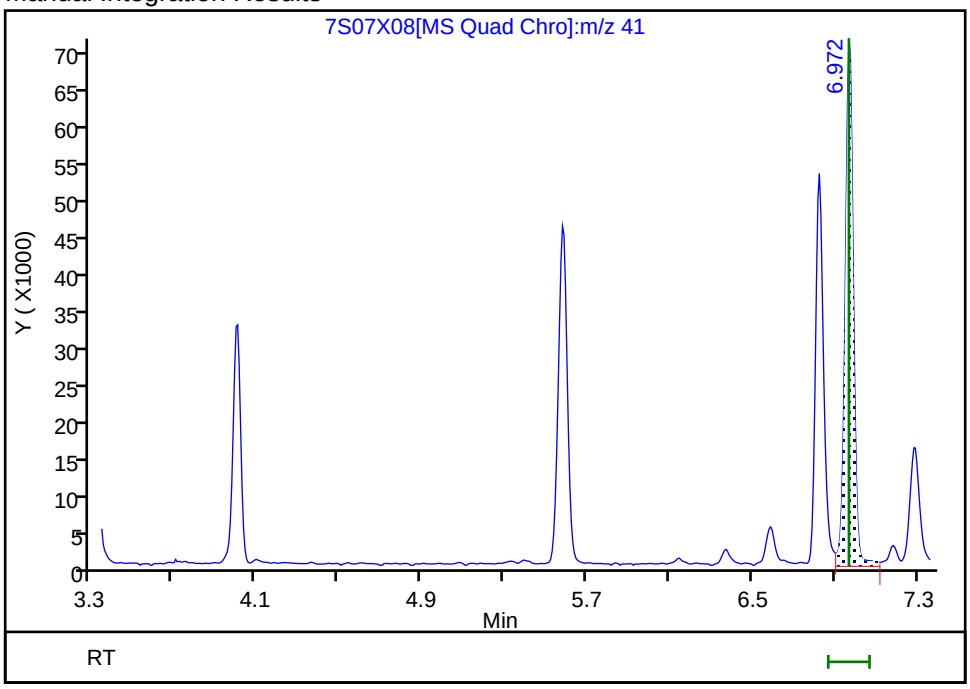
Processing Integration Results

RT: 3.71
Area: 4893
Amount: 0.139892
Amount Units: ppb v/v




Manual Integration Results

RT: 6.97
Area: 198983
Amount: 4.164831
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:49:30 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

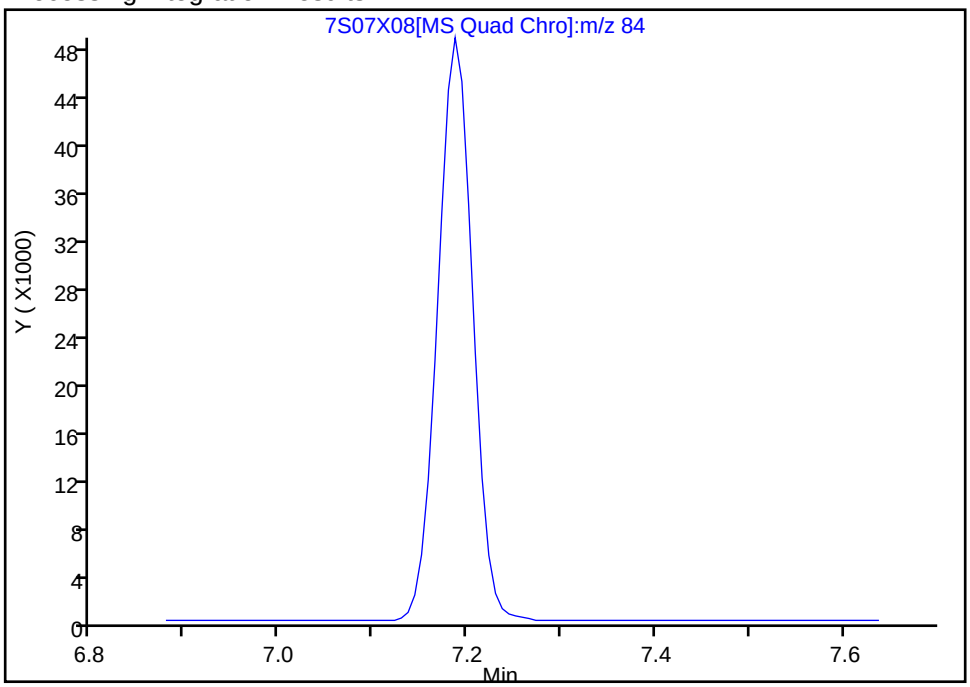
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 22 Methylene Chloride, CAS: 75-09-2

Signal: 1

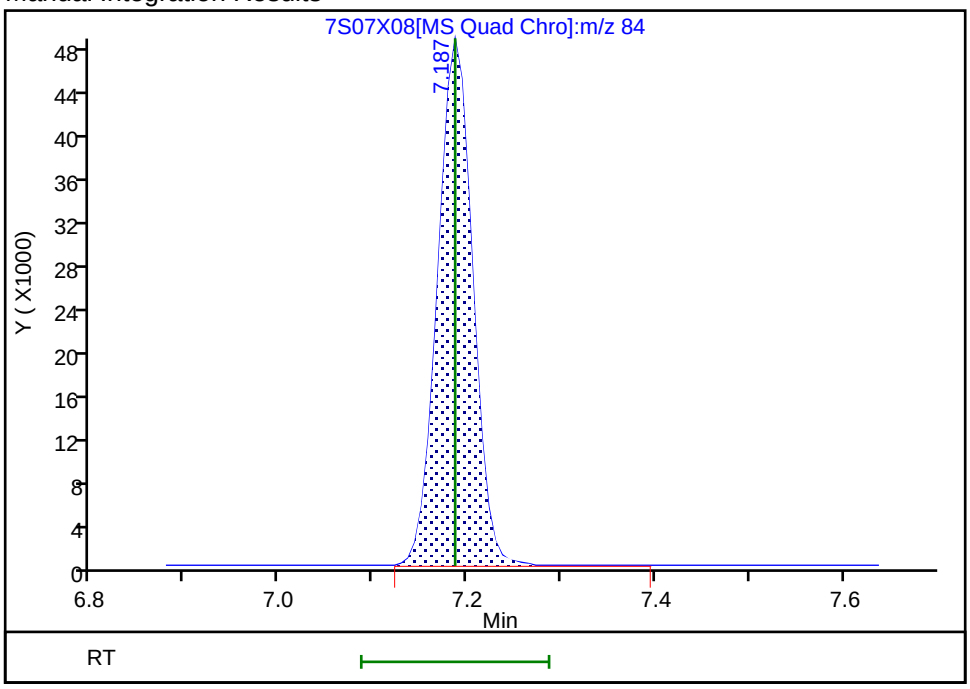
Not Detected
Expected RT: 7.19

Processing Integration Results




Manual Integration Results

RT: 7.19
Area: 124905
Amount: 4.548725
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

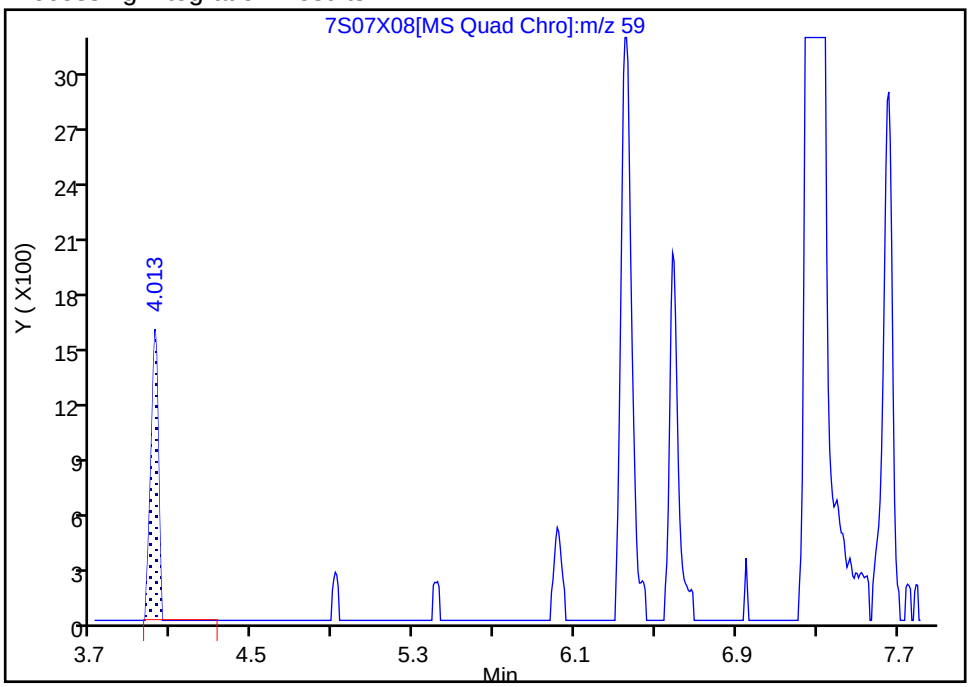
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

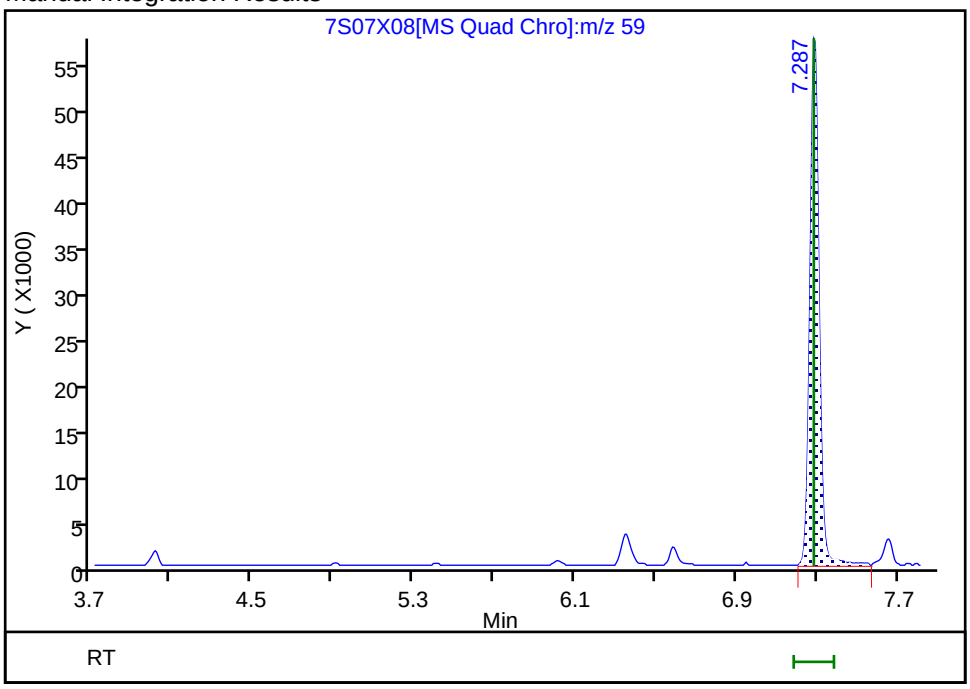
Processing Integration Results

RT: 4.01
Area: 4034
Amount: 6.056972
Amount Units: ppb v/v




Manual Integration Results

RT: 7.29
Area: 185366
Amount: 5.832456
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:49:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

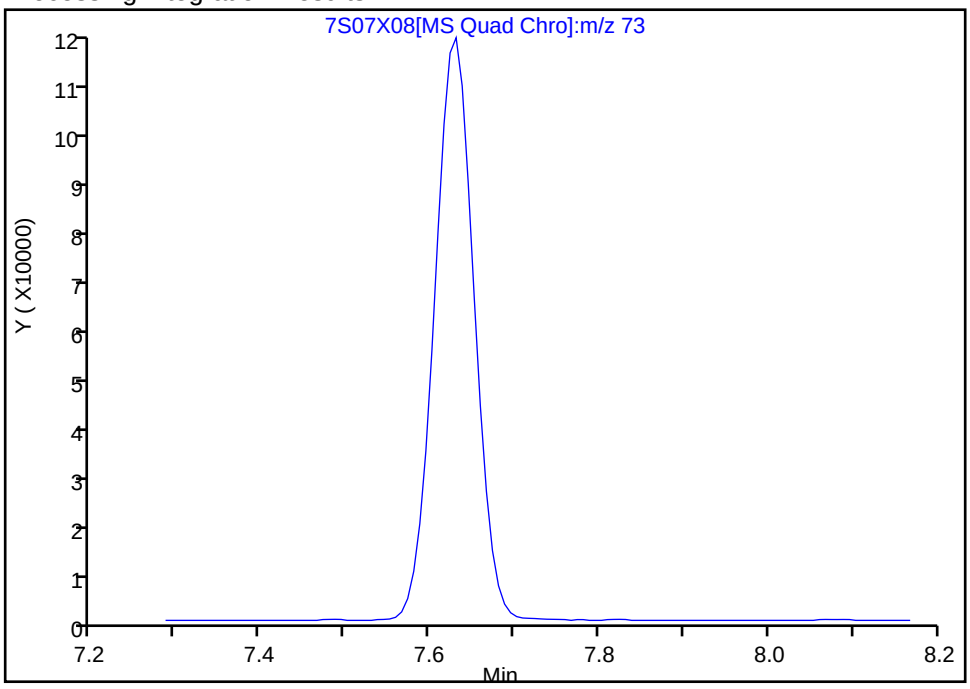
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 26 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

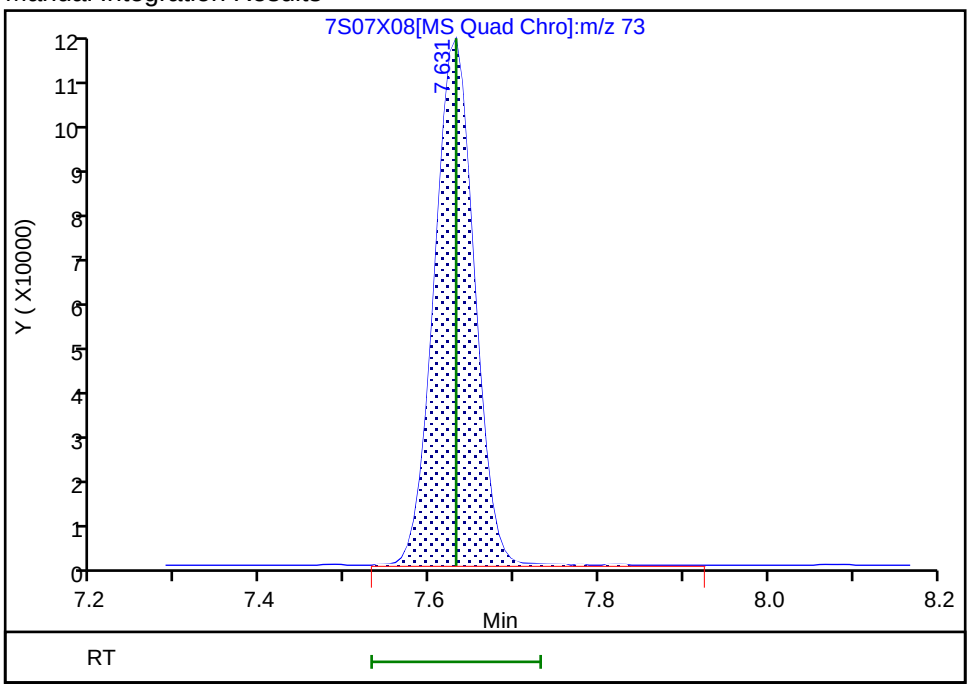
Not Detected
Expected RT: 7.63

Processing Integration Results




Manual Integration Results

RT: 7.63
Area: 375504
Amount: 4.999606
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

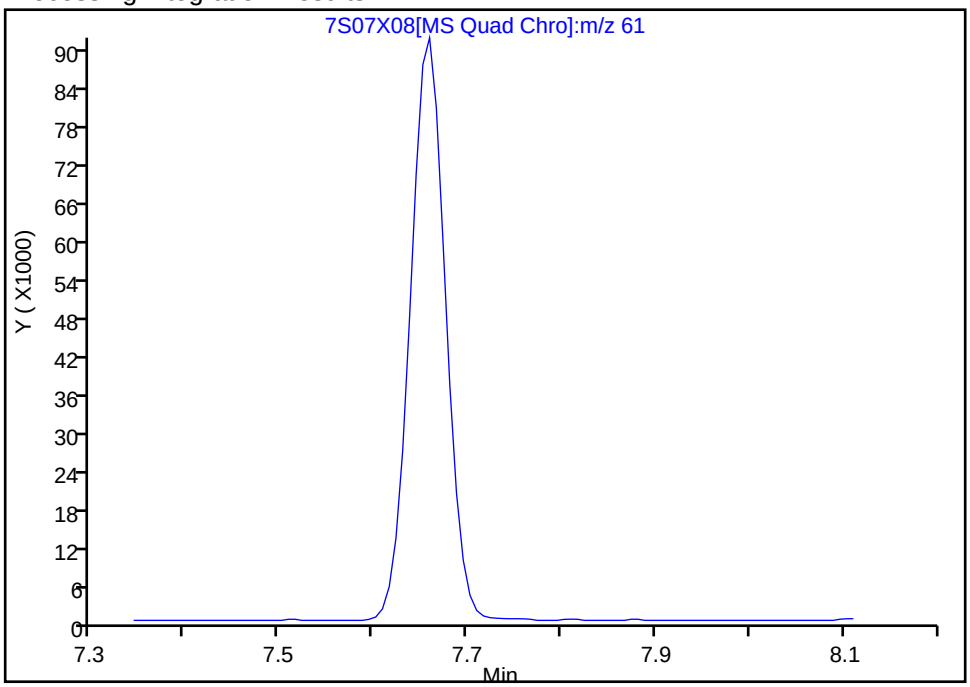
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 24 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

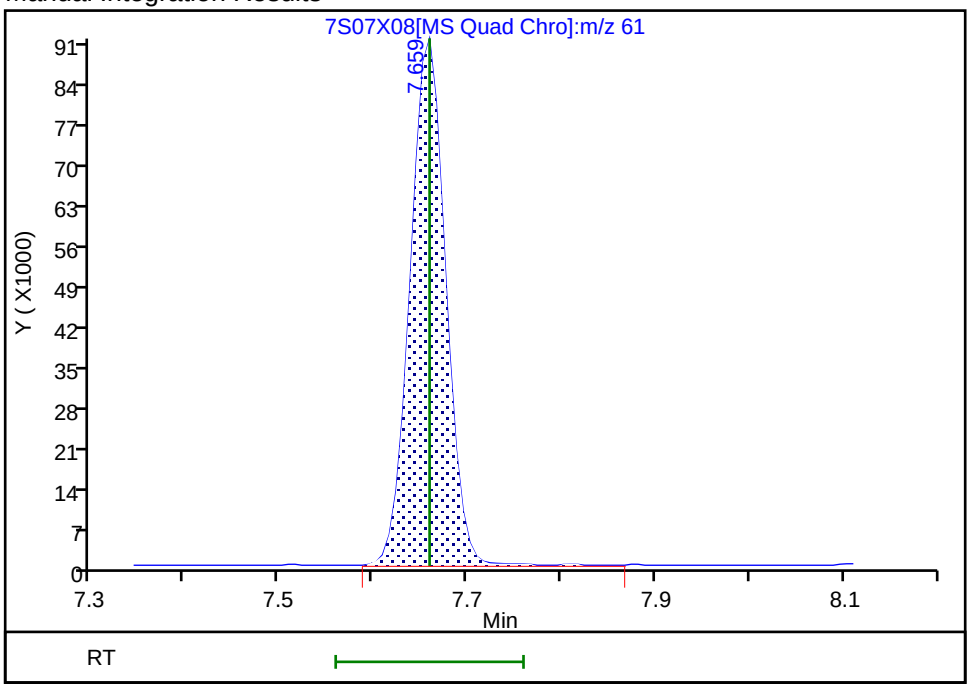
Not Detected
Expected RT: 7.66

Processing Integration Results




Manual Integration Results

RT: 7.66
Area: 241044
Amount: 4.621028
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:01:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

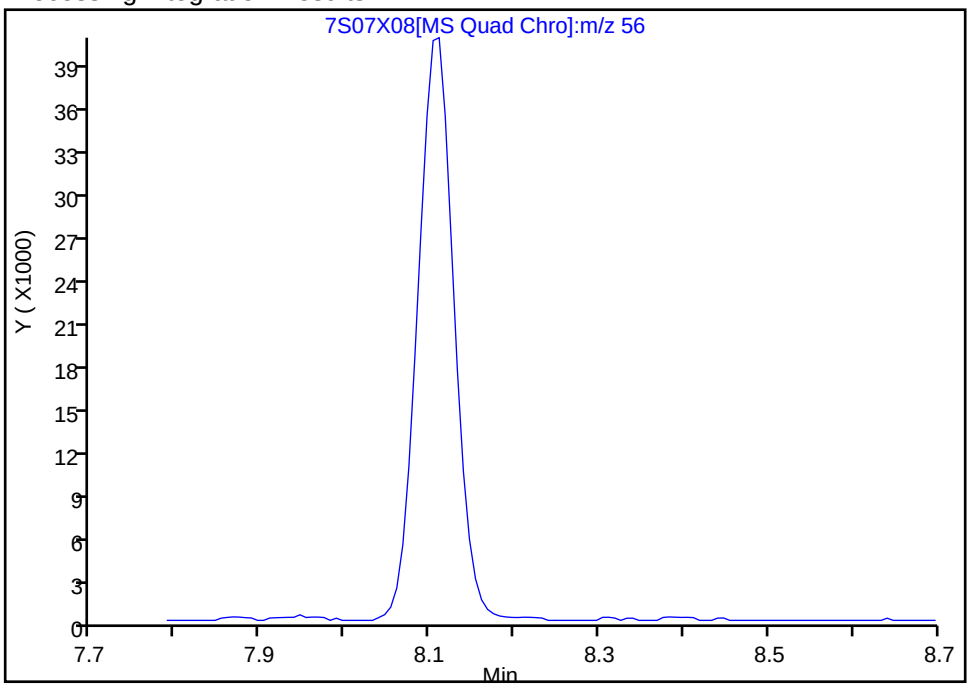
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Signal: 1

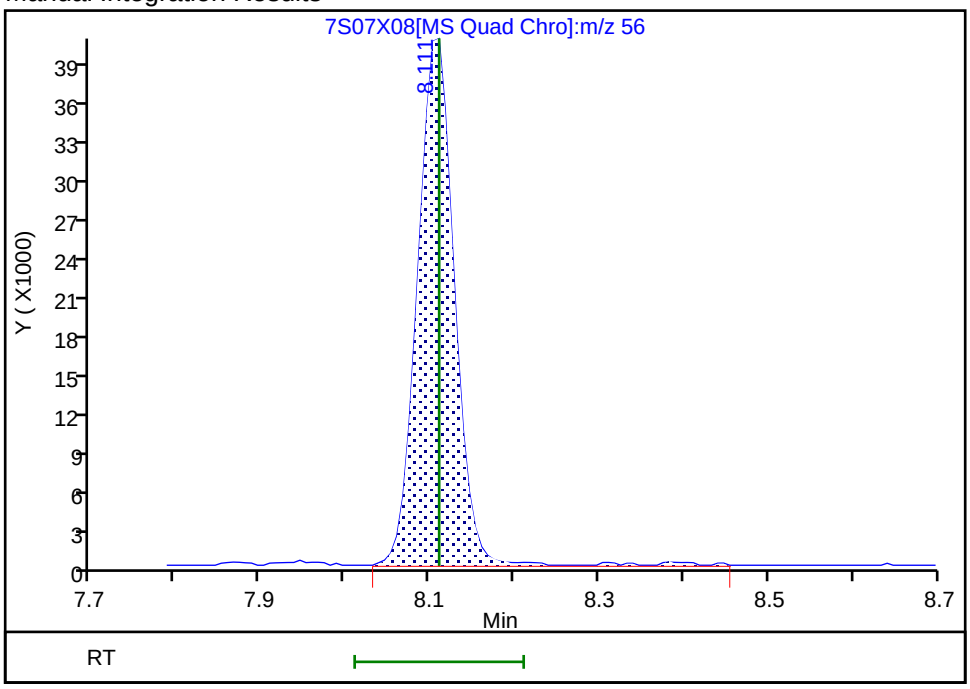
Not Detected
Expected RT: 8.11

Processing Integration Results




Manual Integration Results

RT: 8.11
Area: 123384
Amount: 4.585585
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:50:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

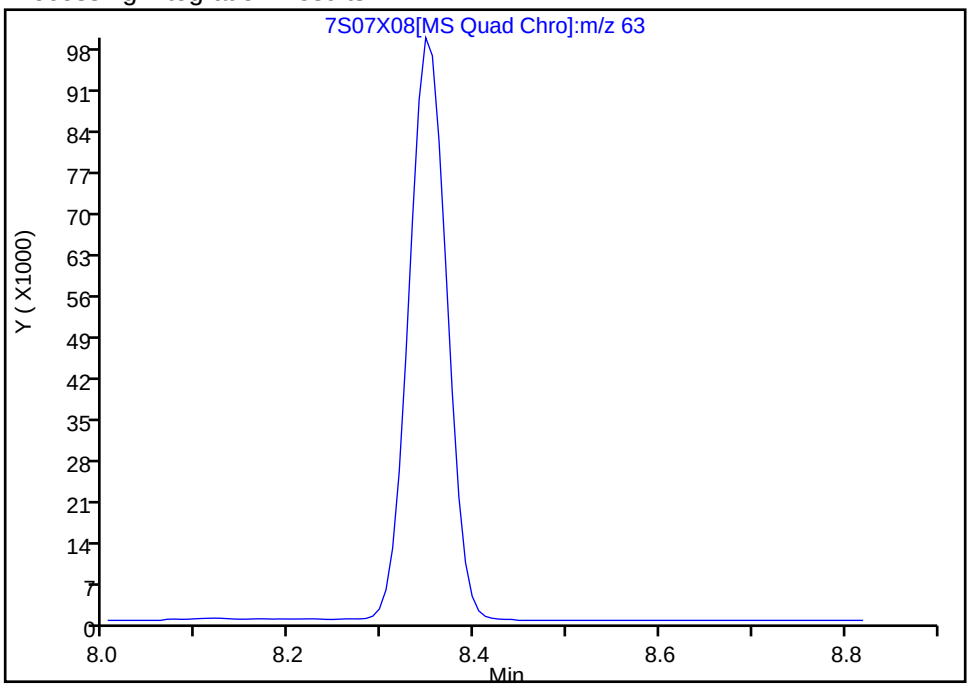
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 30 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

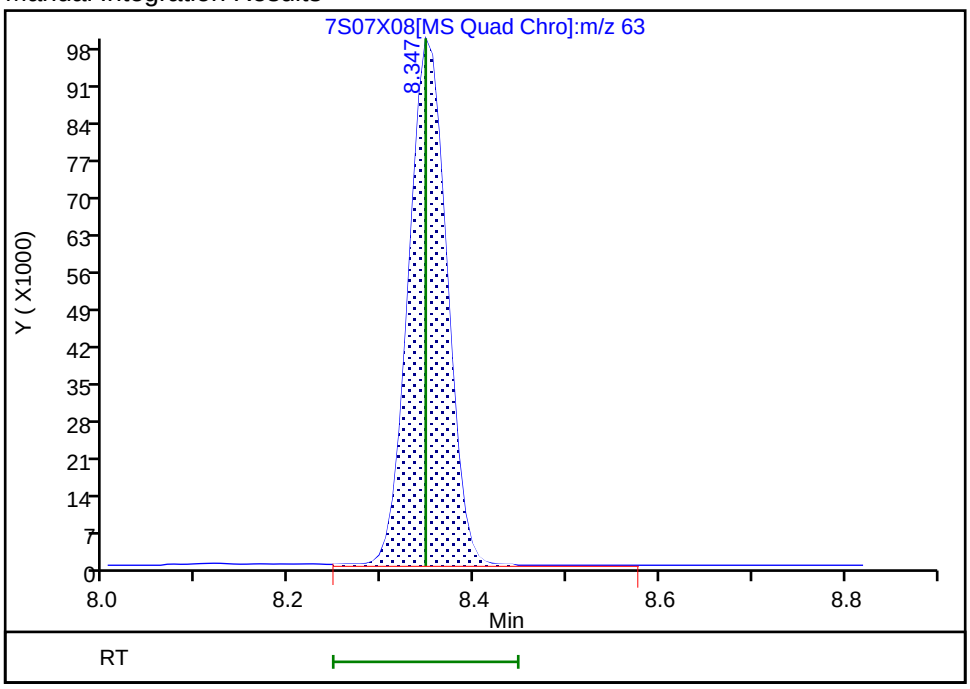
Not Detected
Expected RT: 8.35

Processing Integration Results




Manual Integration Results

RT: 8.35
Area: 285491
Amount: 4.489172
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:02:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

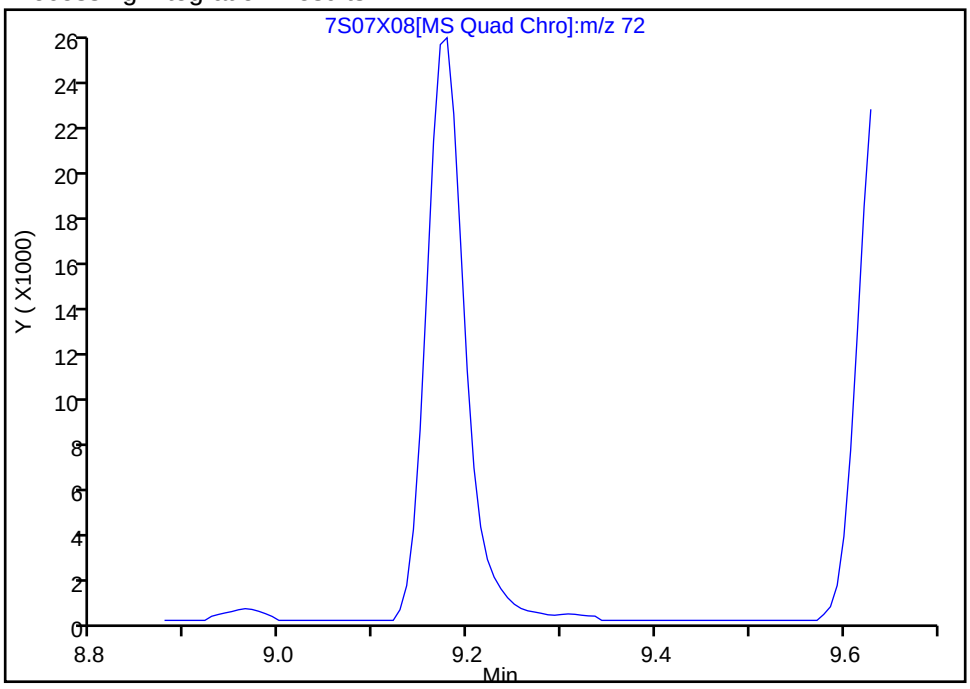
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

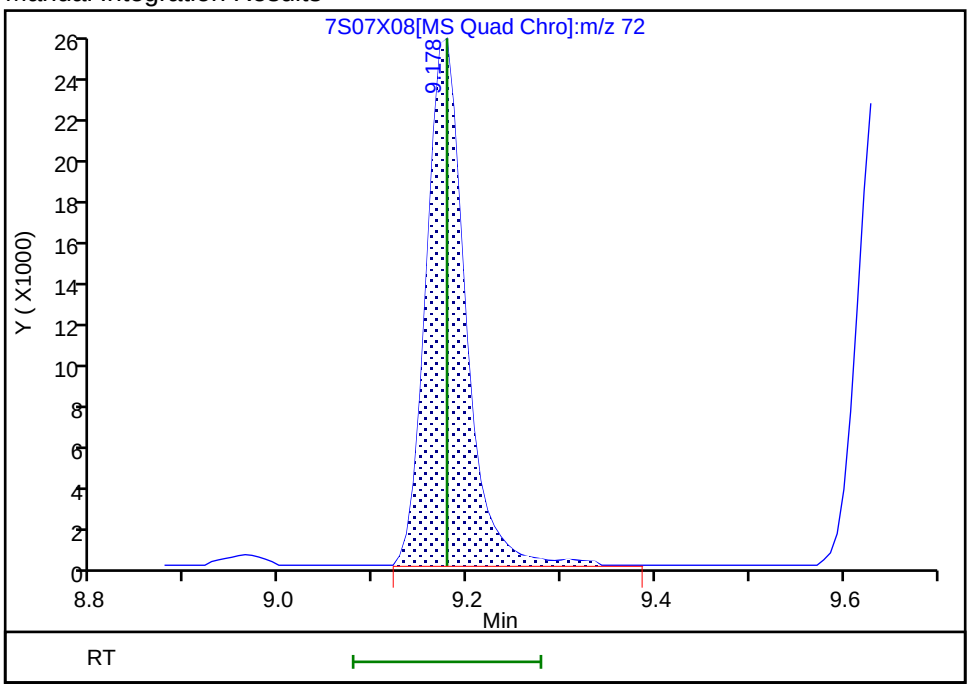
Not Detected
Expected RT: 9.18

Processing Integration Results




Manual Integration Results

RT: 9.18
Area: 74458
Amount: 5.058130
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:02:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

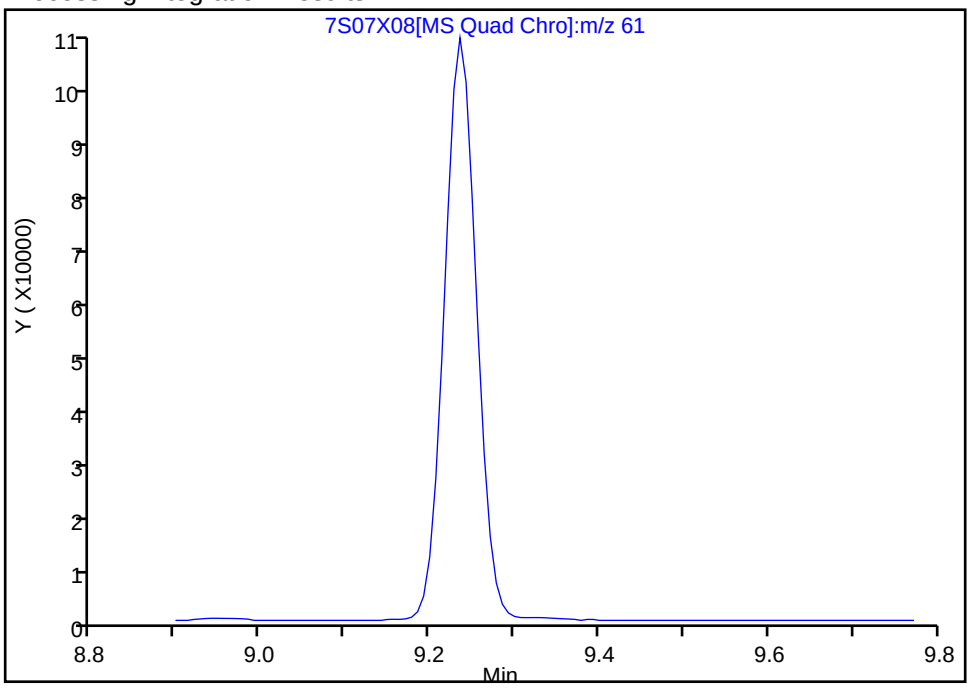
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 34 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

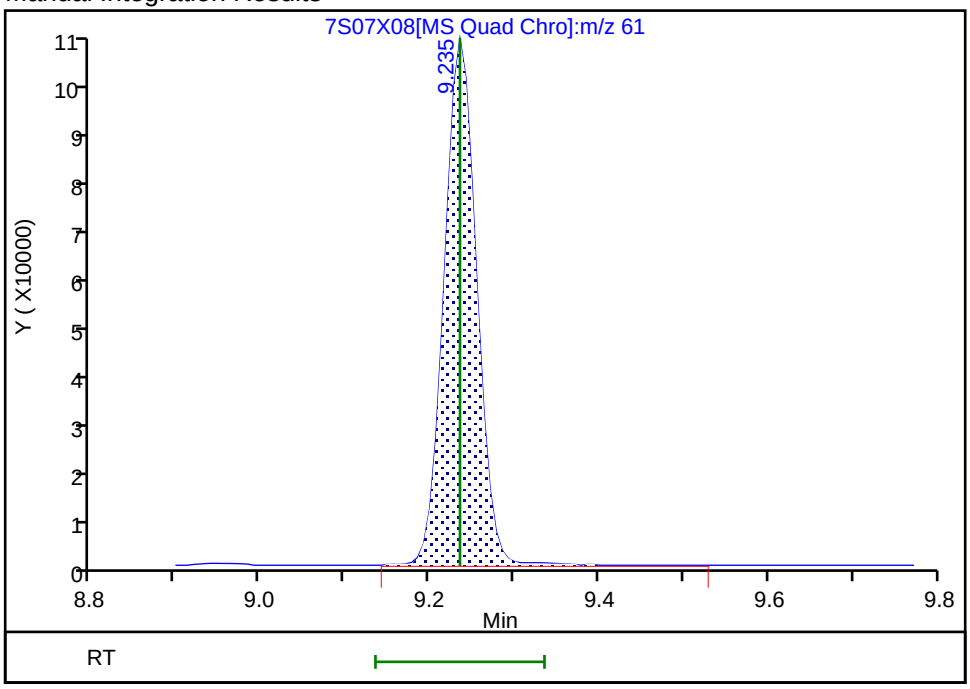
Not Detected
Expected RT: 9.24

Processing Integration Results




Manual Integration Results

RT: 9.24
Area: 270104
Amount: 4.563309
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:03:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

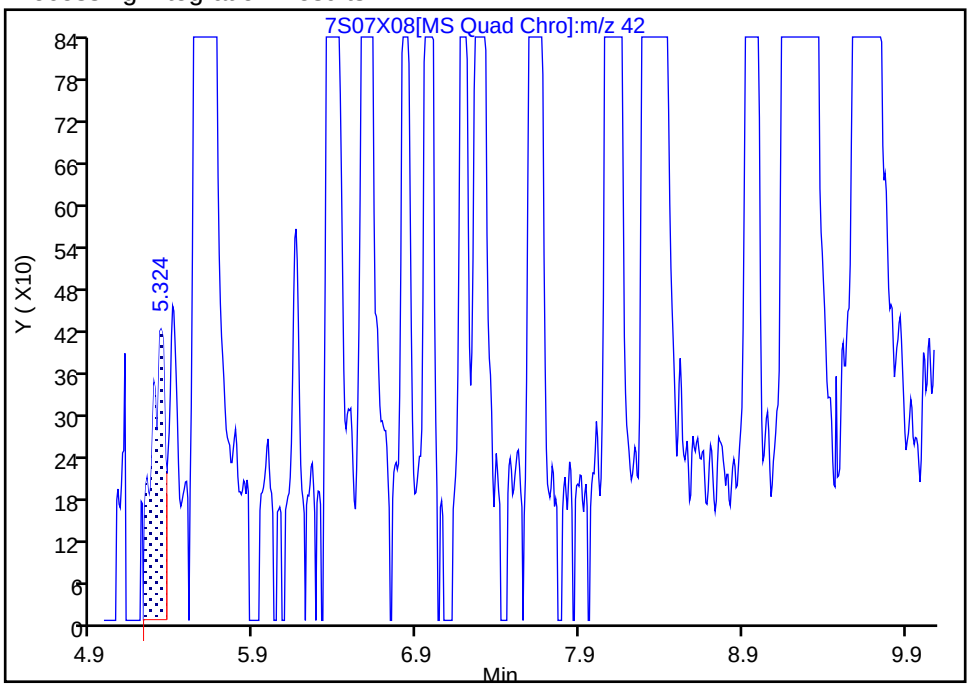
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

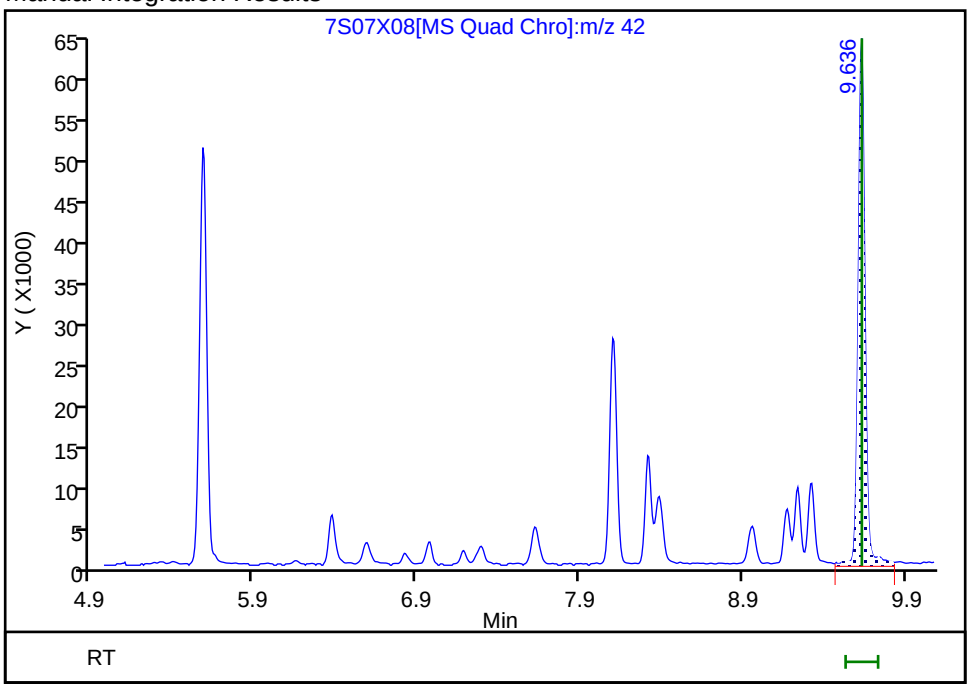
Processing Integration Results

RT: 5.32
Area: 2368
Amount: 3.013337
Amount Units: ppb v/v




Manual Integration Results

RT: 9.64
Area: 192551
Amount: 4.519715
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:51:36 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

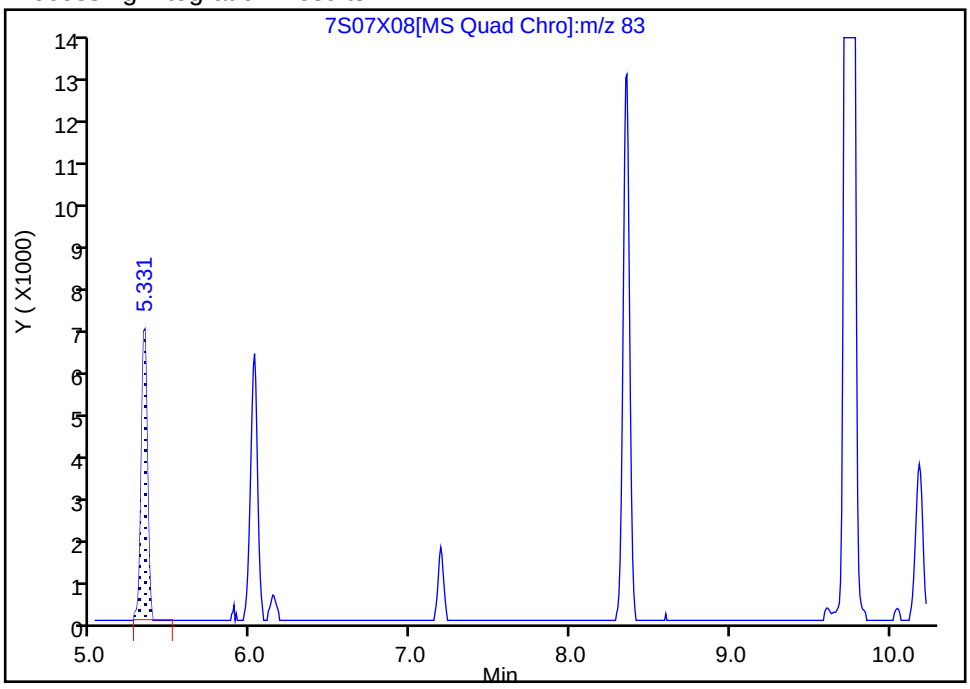
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 37 Chloroform, CAS: 67-66-3

Signal: 1

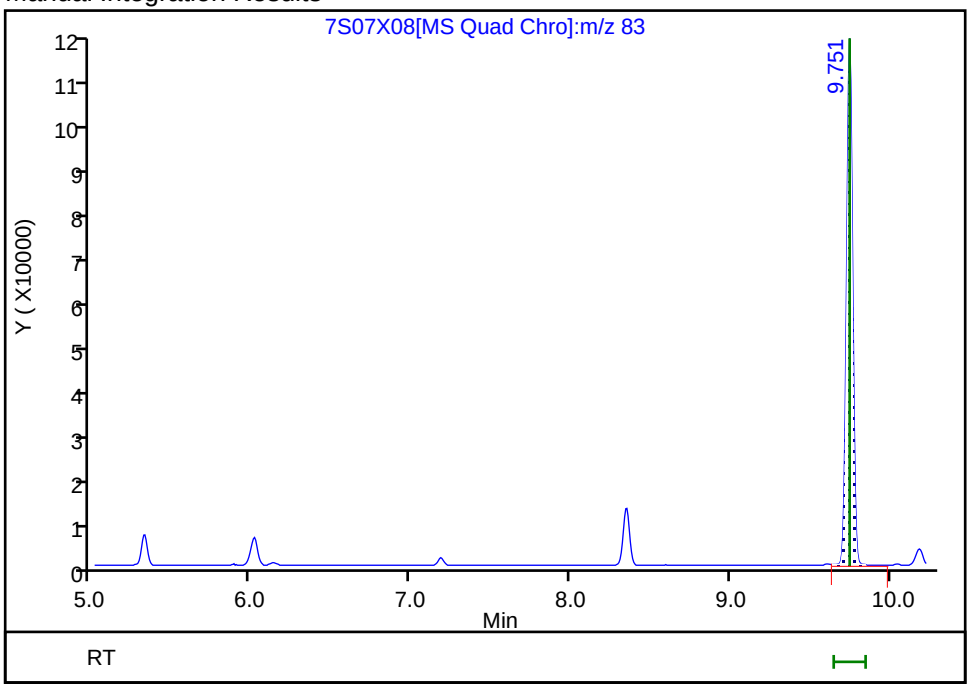
Processing Integration Results

RT: 5.33
Area: 17964
Amount: 5.004268
Amount Units: ppb v/v




Manual Integration Results

RT: 9.75
Area: 320439
Amount: 4.494103
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:52:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

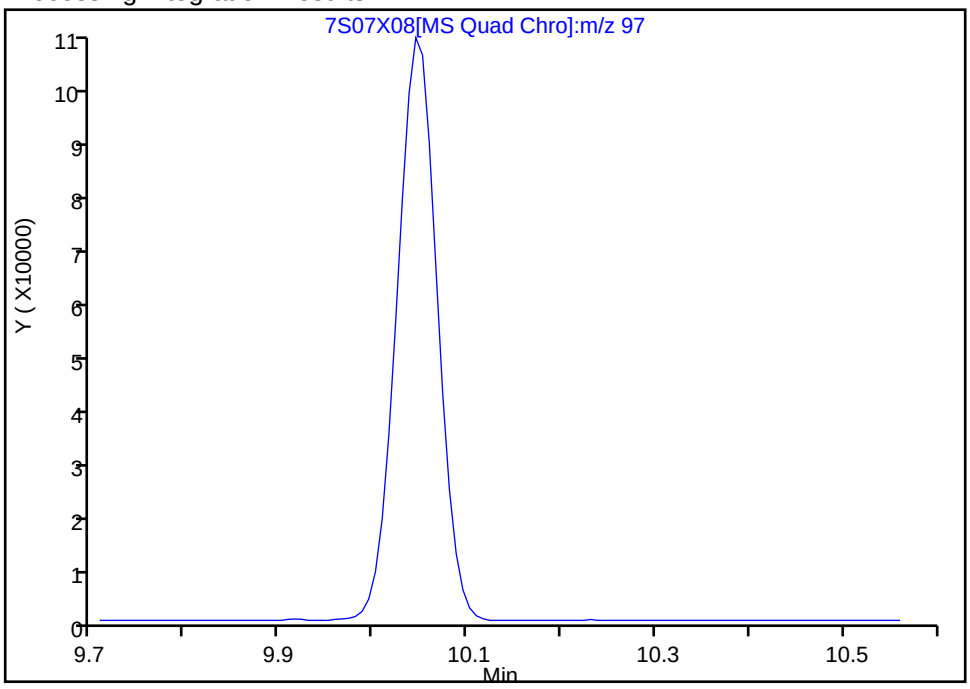
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 42 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

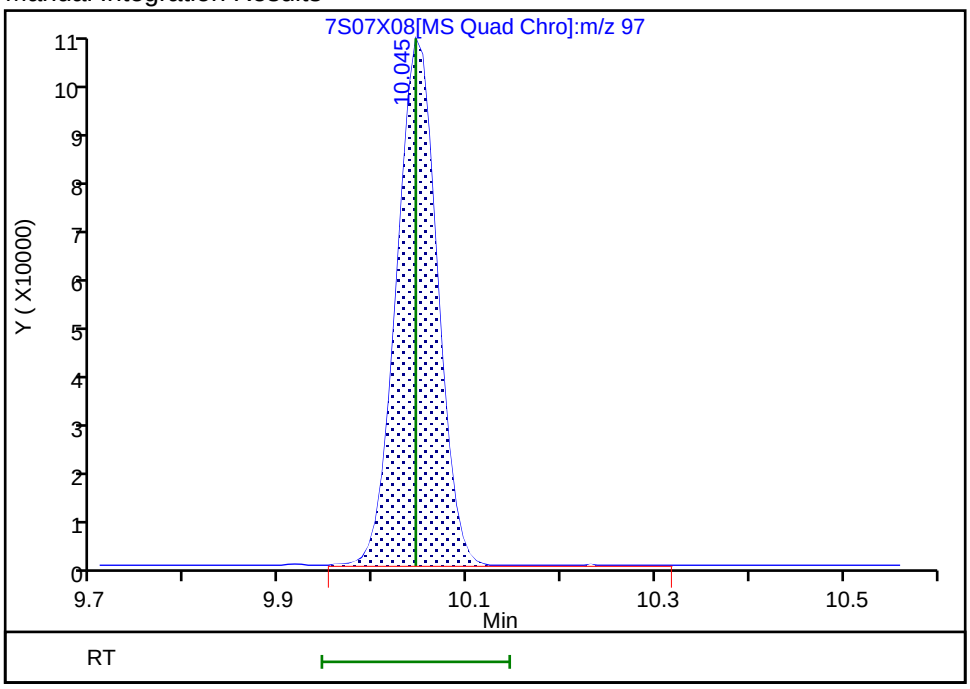
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.04
Area: 300739
Amount: 4.781160
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:03:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

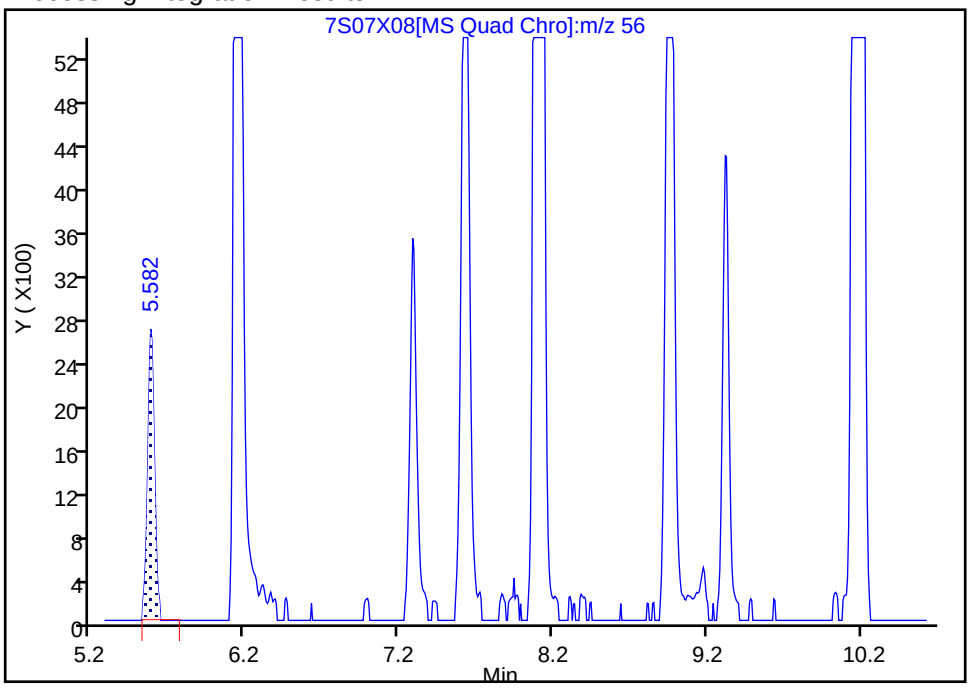
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 36 Cyclohexane, CAS: 110-82-7

Signal: 1

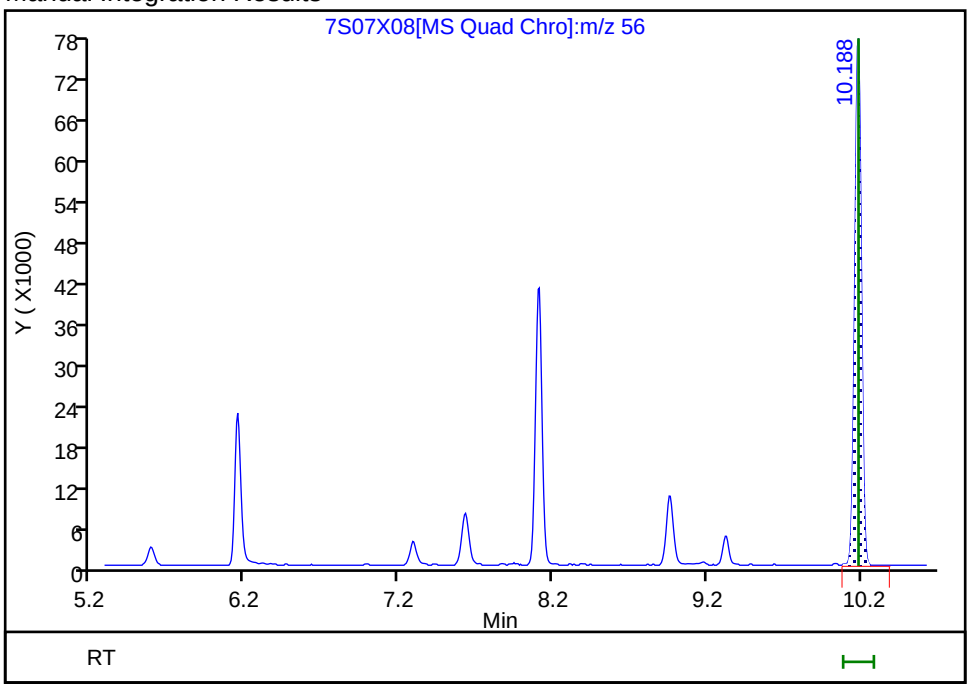
Processing Integration Results

RT: 5.58
Area: 8276
Amount: 4.526039
Amount Units: ppb v/v




Manual Integration Results

RT: 10.19
Area: 236955
Amount: 4.765101
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:52:27 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

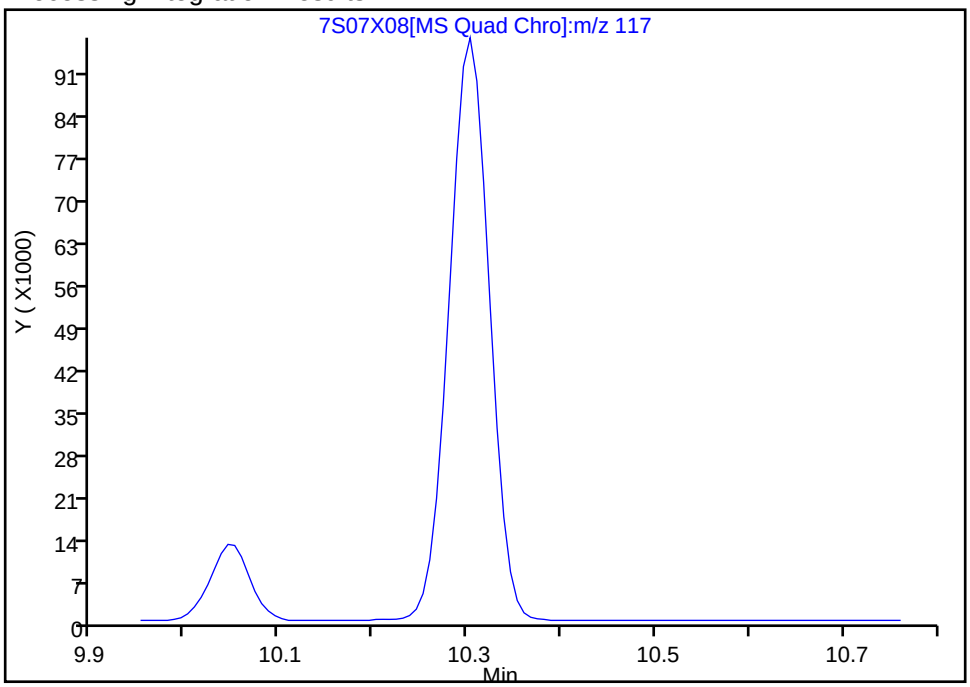
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

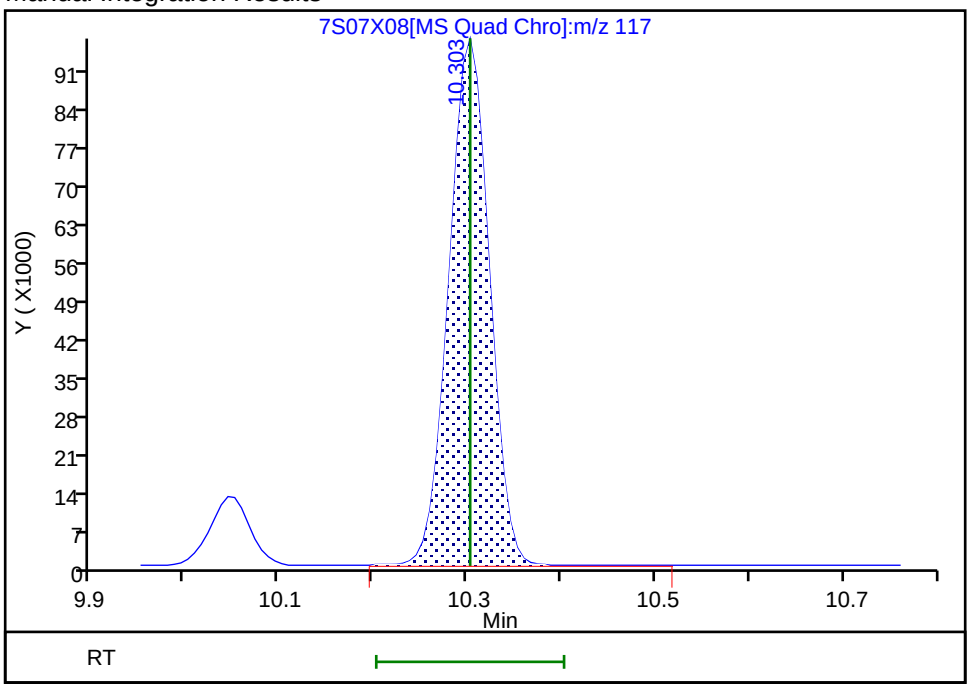
Not Detected
Expected RT: 10.30

Processing Integration Results




Manual Integration Results

RT: 10.30
Area: 289506
Amount: 4.972118
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

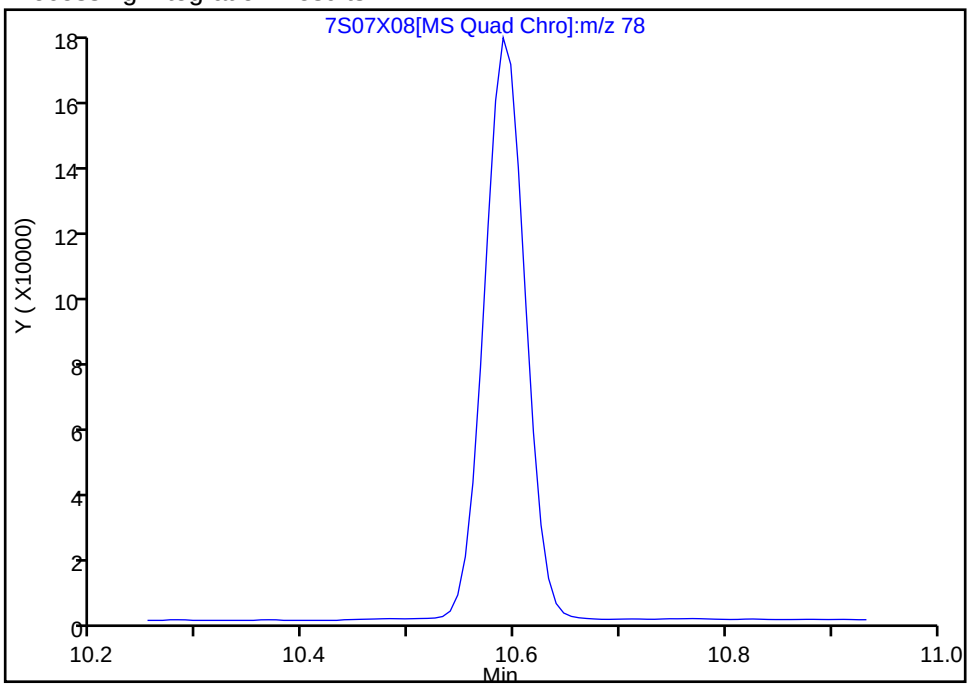
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 46 Benzene, CAS: 71-43-2

Signal: 1

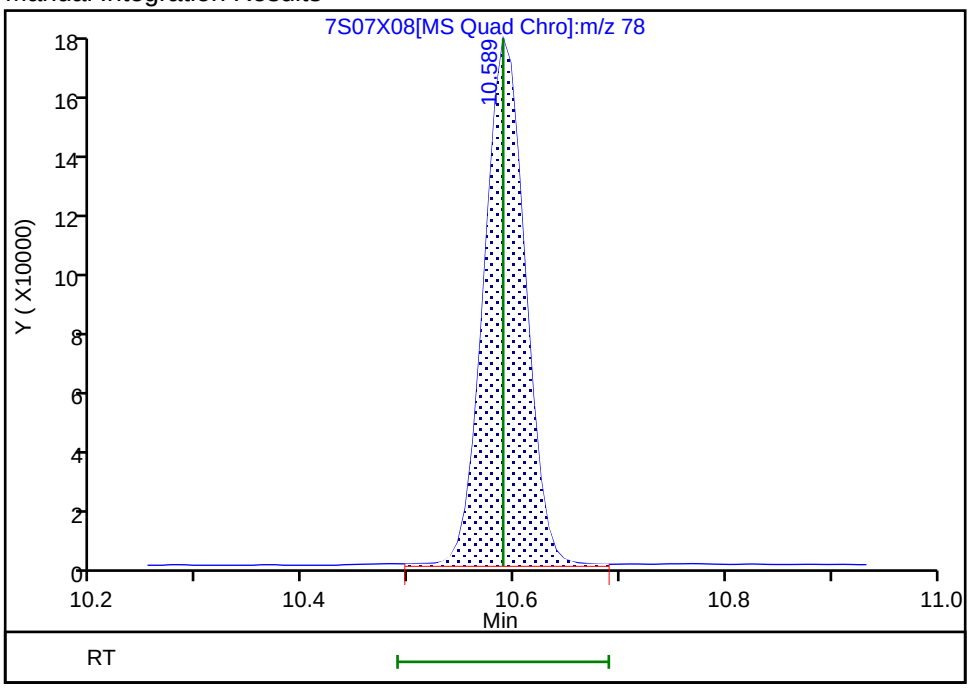
Not Detected
Expected RT: 10.59

Processing Integration Results




Manual Integration Results

RT: 10.59
Area: 471430
Amount: 4.452807
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

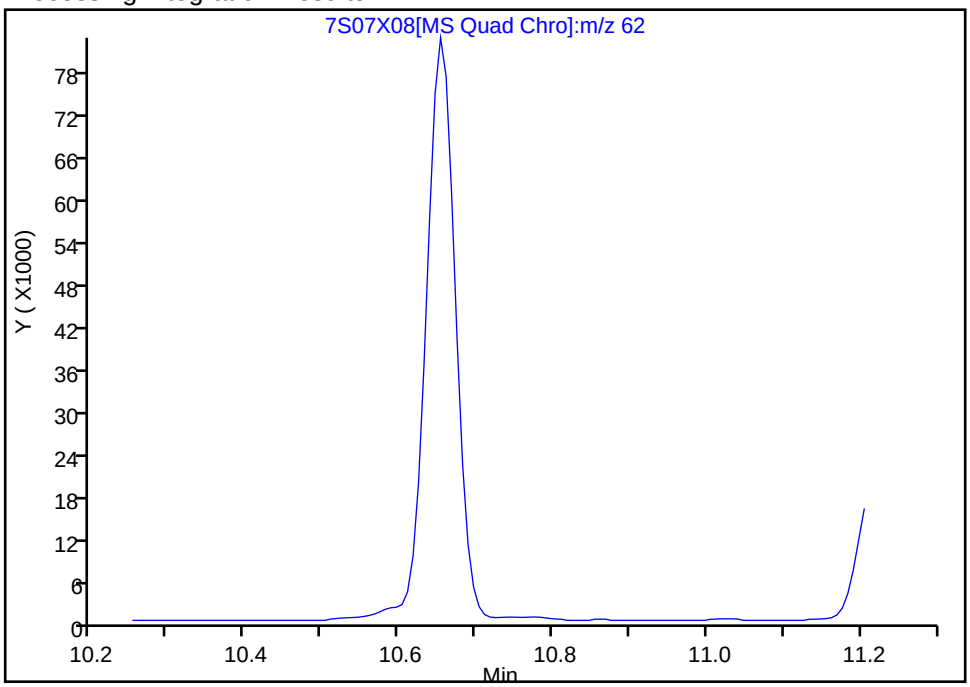
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 48 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

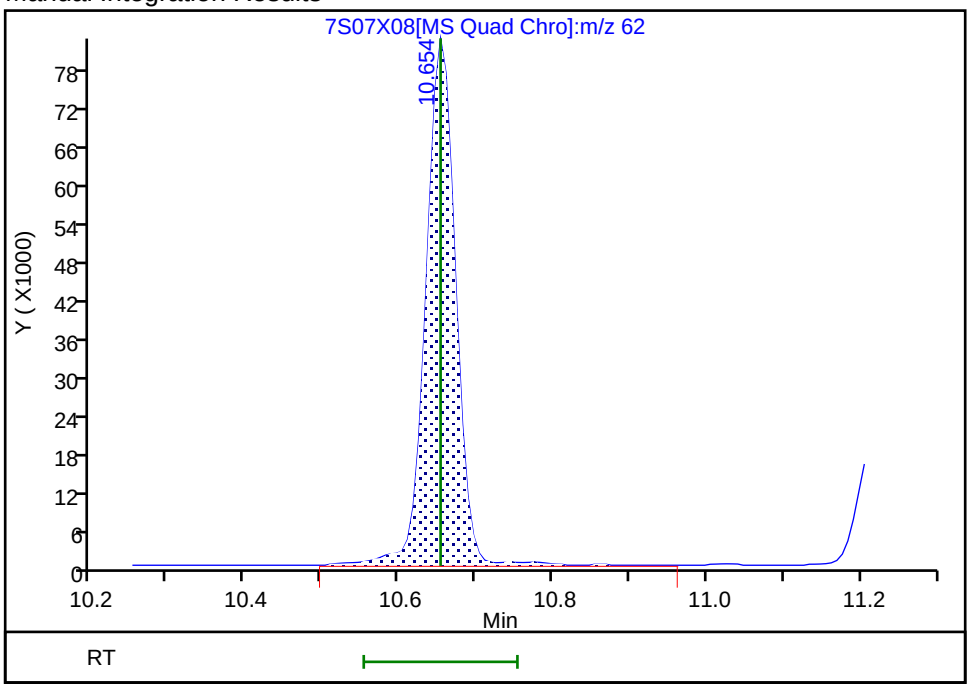
Not Detected
Expected RT: 10.65

Processing Integration Results




Manual Integration Results

RT: 10.65
Area: 223073
Amount: 4.569044
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:53:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

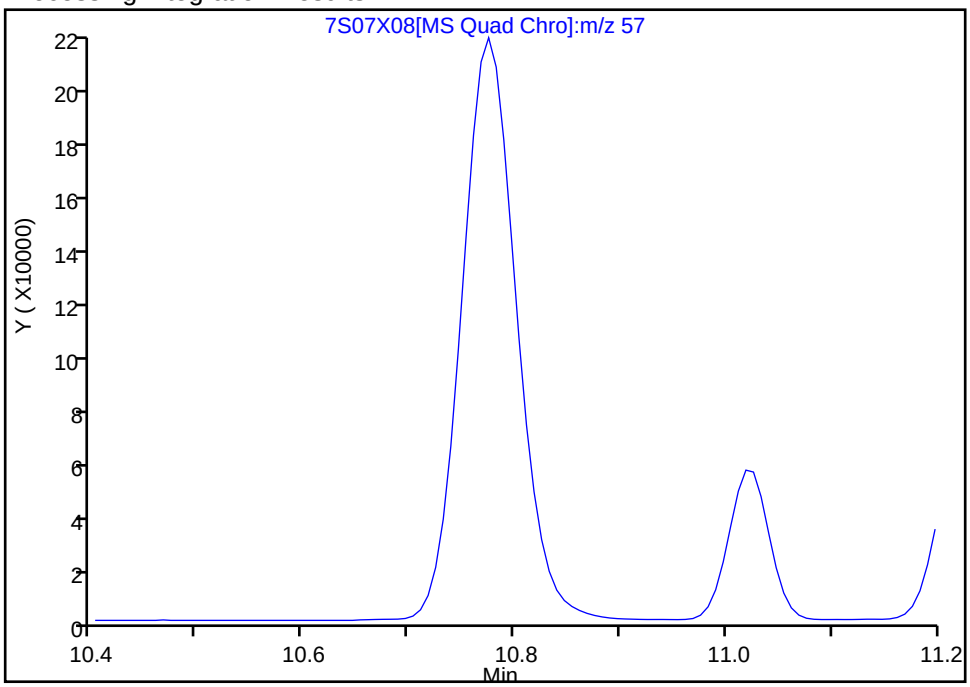
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 44 Isooctane, CAS: 540-84-1

Signal: 1

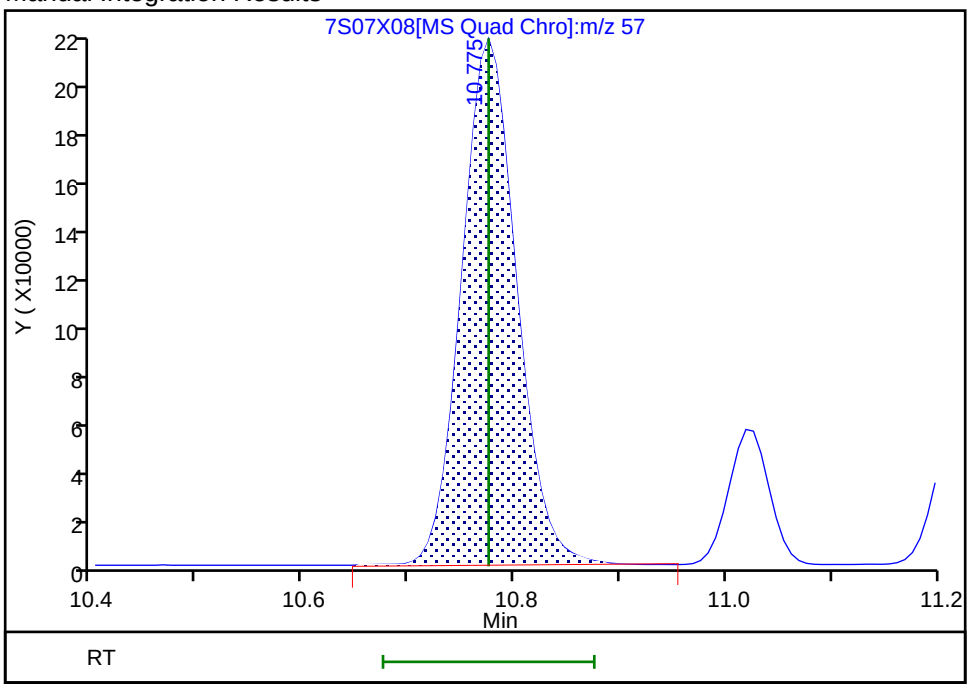
Not Detected
Expected RT: 10.78

Processing Integration Results




Manual Integration Results

RT: 10.78
Area: 792533
Amount: 4.890585
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:53:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

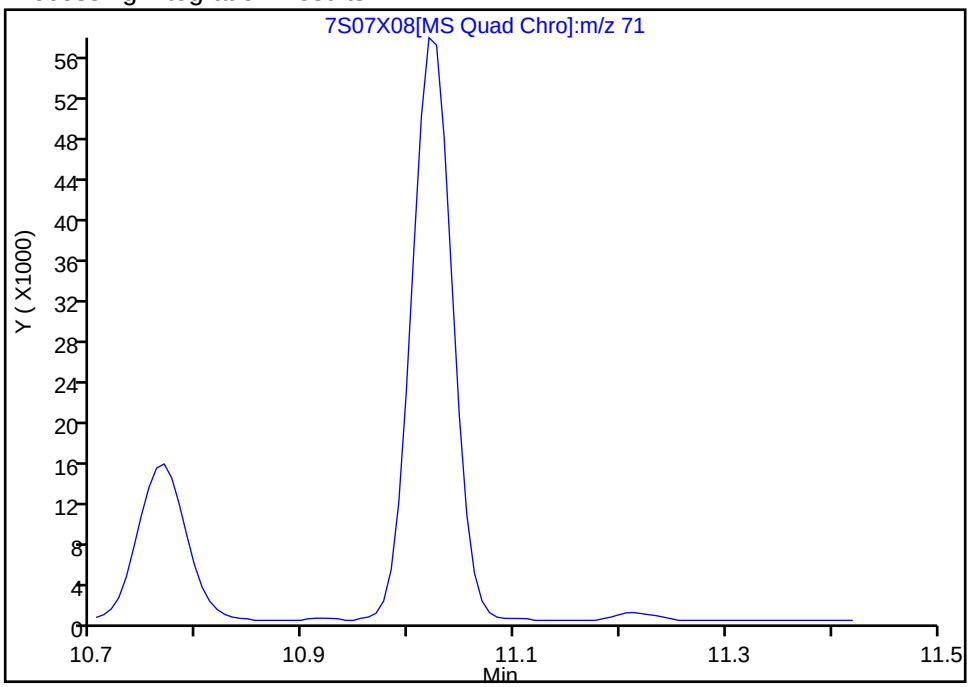
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 45 n-Heptane, CAS: 142-82-5

Signal: 1

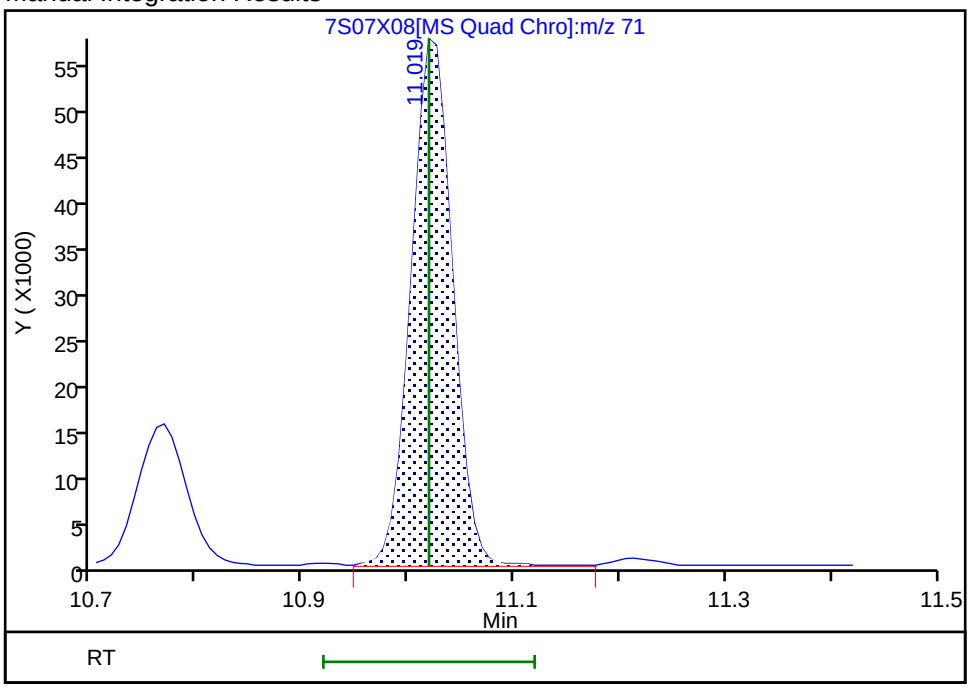
Not Detected
Expected RT: 11.02

Processing Integration Results




Manual Integration Results

RT: 11.02
Area: 155949
Amount: 4.870439
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:54:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

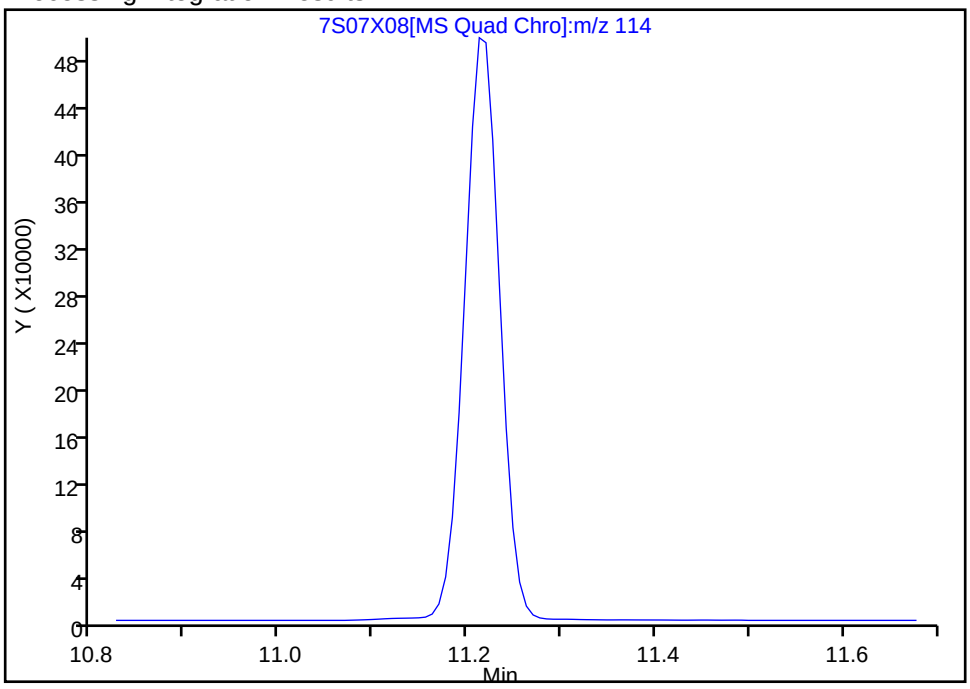
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## * 50 1,4-Difluorobenzene, CAS: 540-36-3

Signal: 1

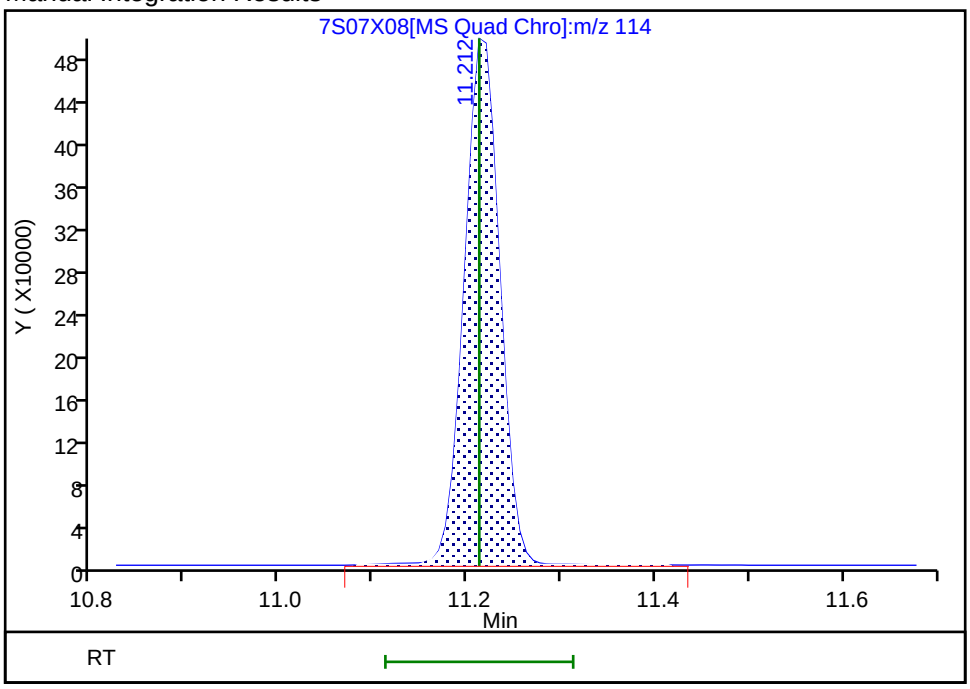
Not Detected
Expected RT: 11.21

Processing Integration Results




Manual Integration Results

RT: 11.21
Area: 1309596
Amount: 10.000000
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:04:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

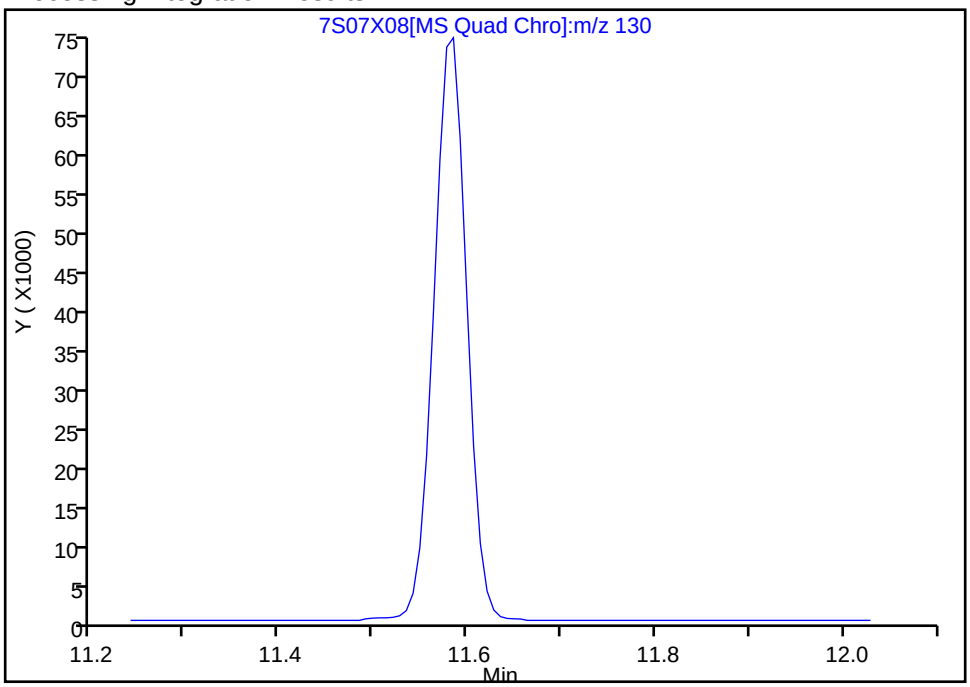
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 49 Trichloroethene, CAS: 79-01-6

Signal: 1

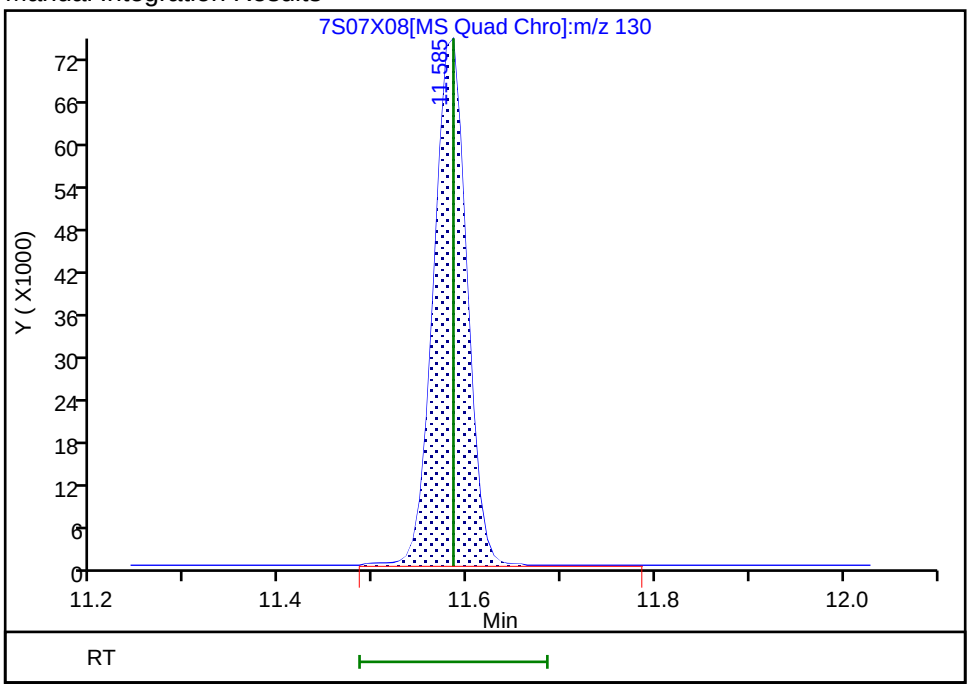
Not Detected
Expected RT: 11.58

Processing Integration Results




Manual Integration Results

RT: 11.58
Area: 181252
Amount: 4.300321
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:05:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

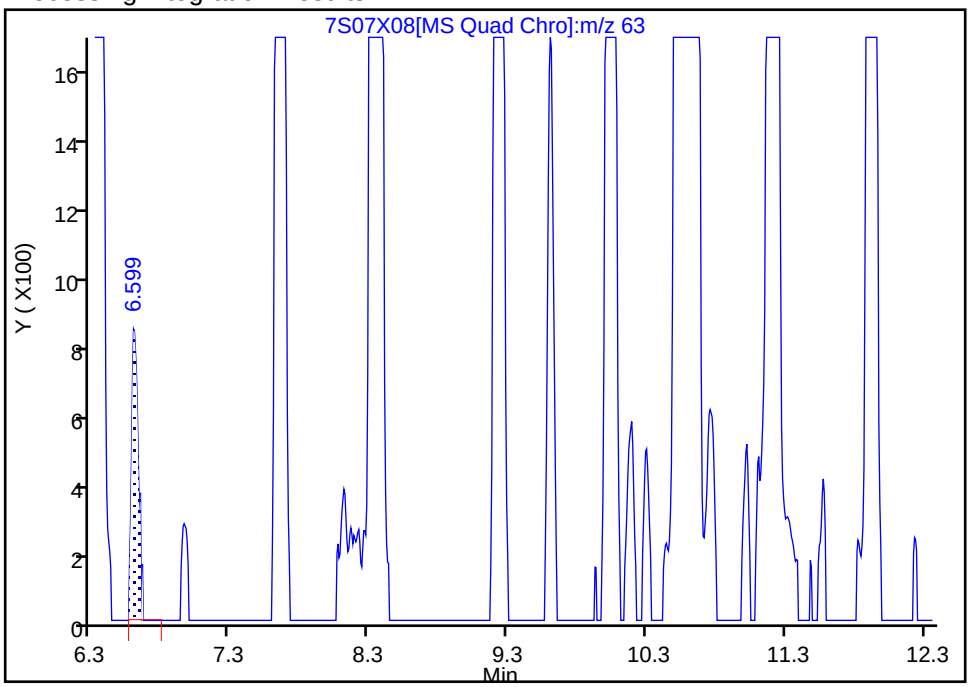
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

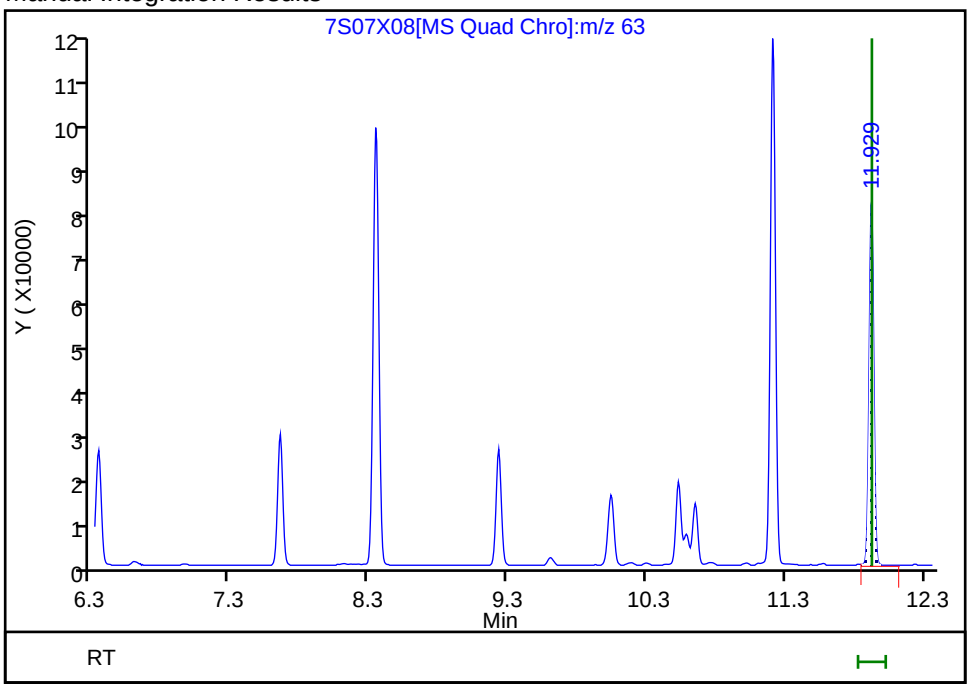
Processing Integration Results

RT: 6.60
Area: 2858
Amount: 4.990048
Amount Units: ppb v/v




Manual Integration Results

RT: 11.93
Area: 199566
Amount: 4.528765
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:55:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

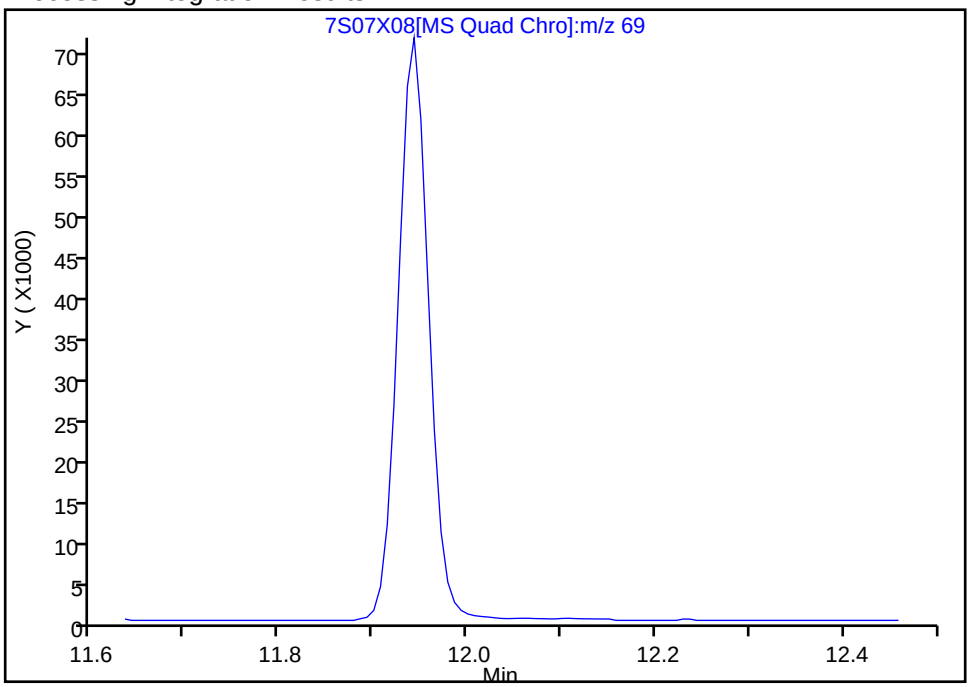
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

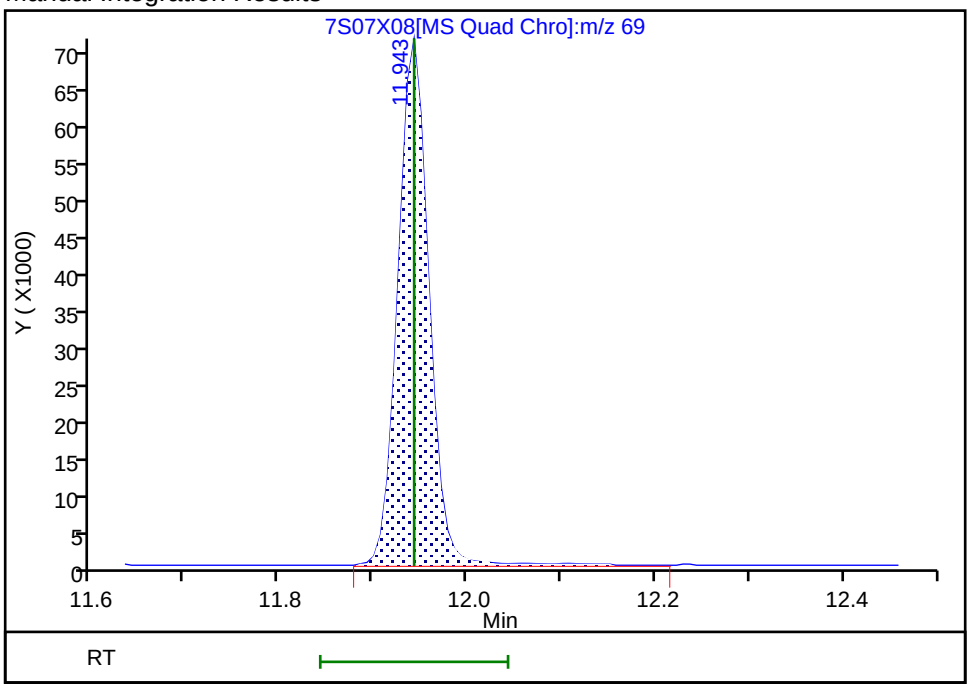
Not Detected
Expected RT: 11.94

Processing Integration Results




Manual Integration Results

RT: 11.94
Area: 163208
Amount: 4.879998
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:05:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

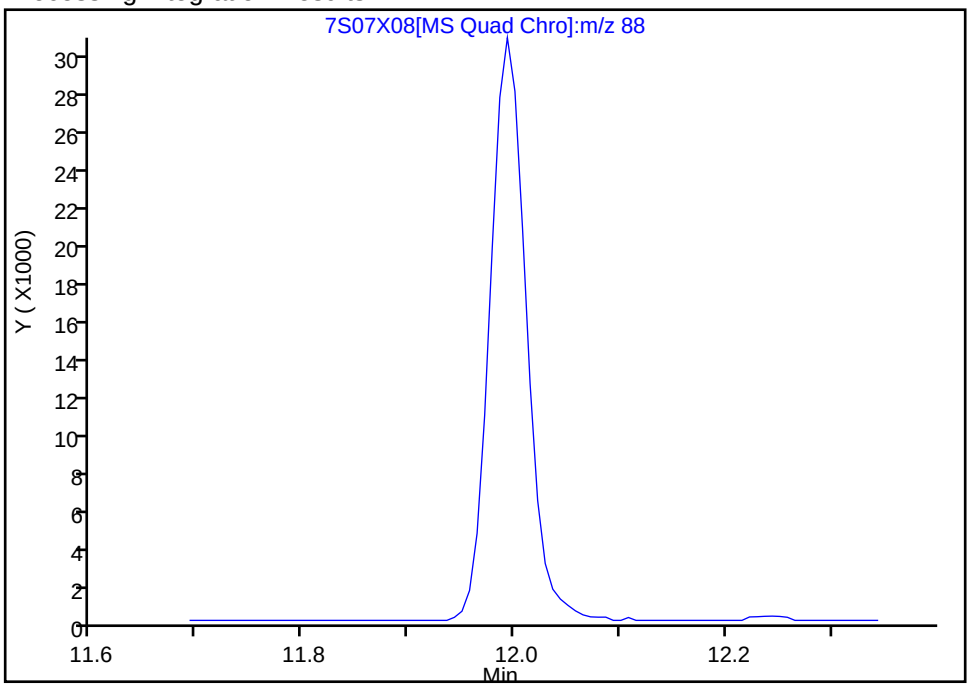
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

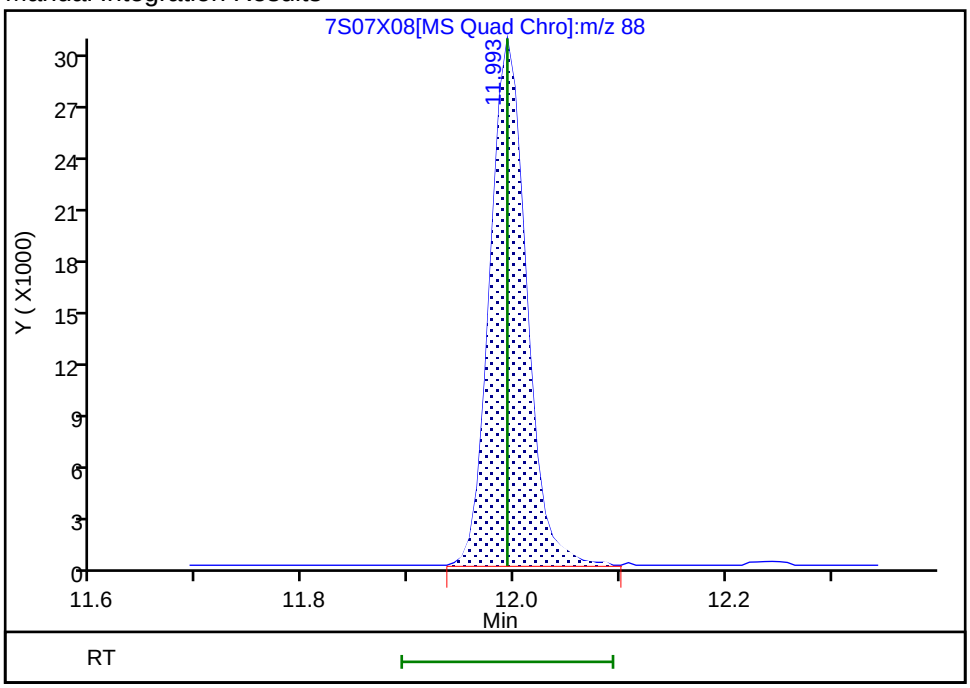
Not Detected
Expected RT: 11.99

Processing Integration Results




Manual Integration Results

RT: 11.99
Area: 73081
Amount: 5.107661
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:03:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

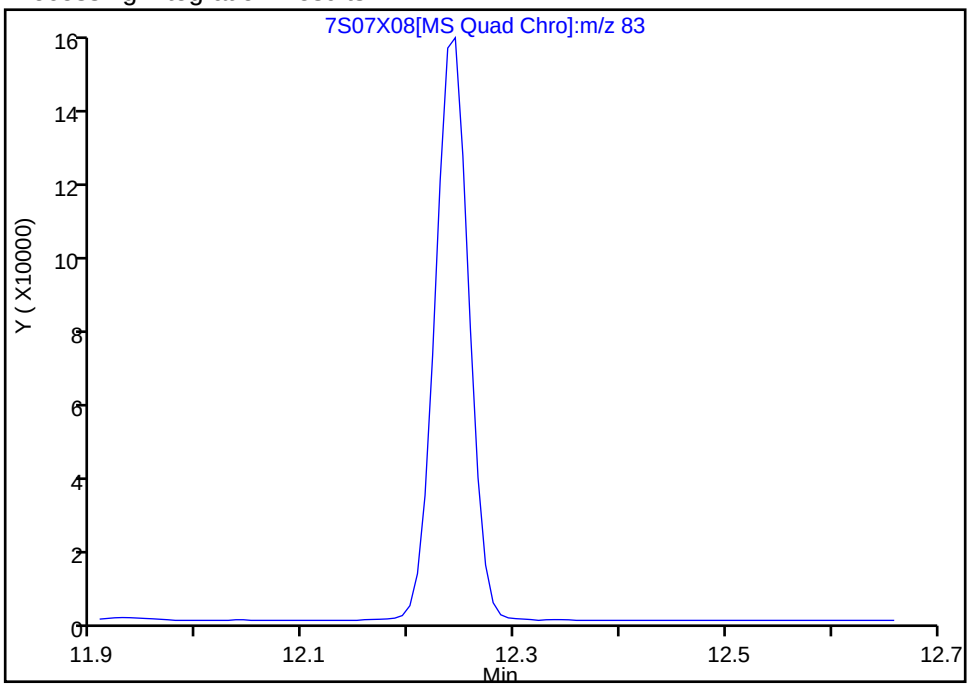
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 54 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

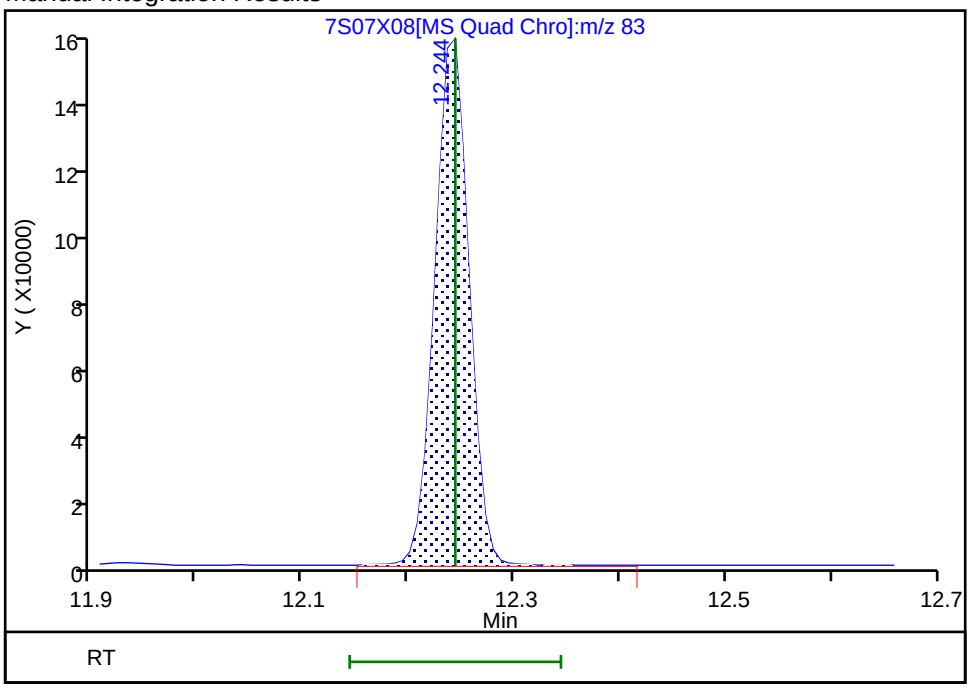
Not Detected
Expected RT: 12.24

Processing Integration Results




Manual Integration Results

RT: 12.24
Area: 352583
Amount: 4.569303
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:06:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

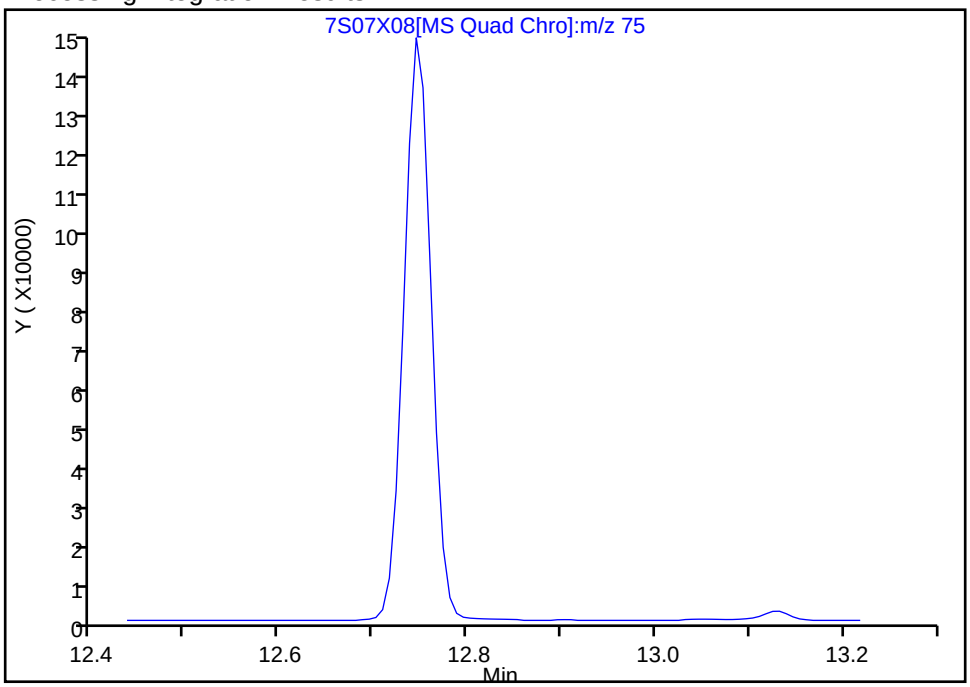
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 57 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

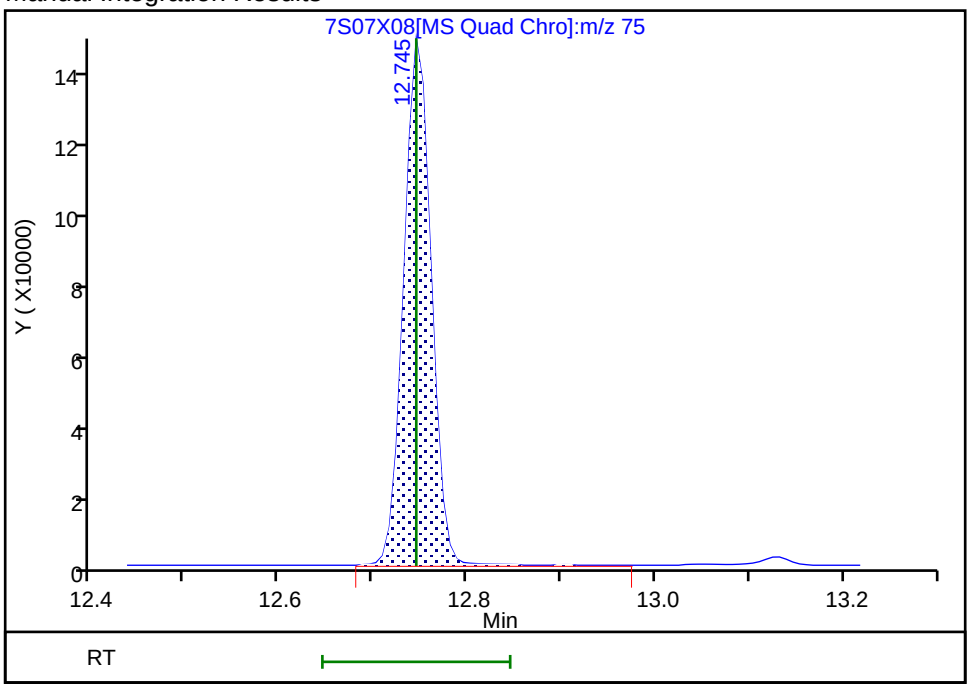
Not Detected
Expected RT: 12.75

Processing Integration Results




Manual Integration Results

RT: 12.75
Area: 287802
Amount: 4.642288
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:07:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

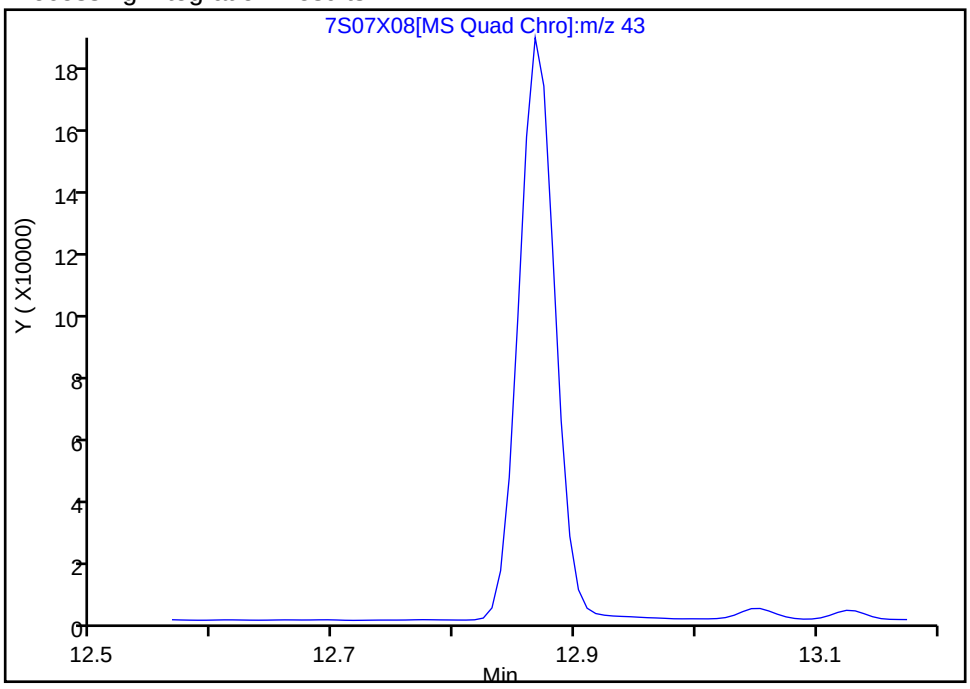
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

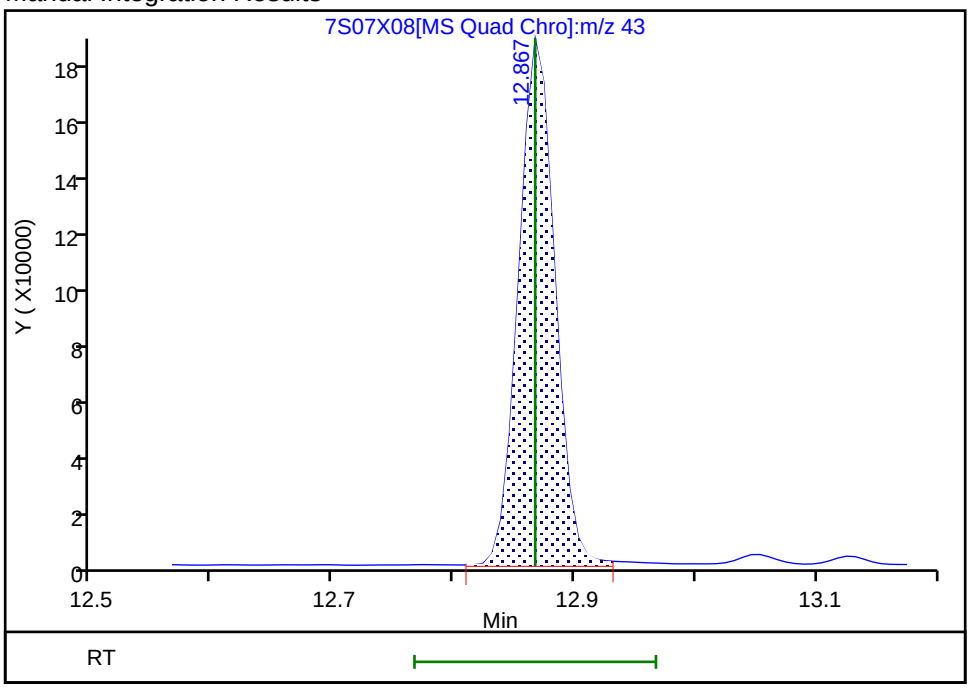
Not Detected
Expected RT: 12.87

Processing Integration Results




Manual Integration Results

RT: 12.87
Area: 394889
Amount: 4.842277
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

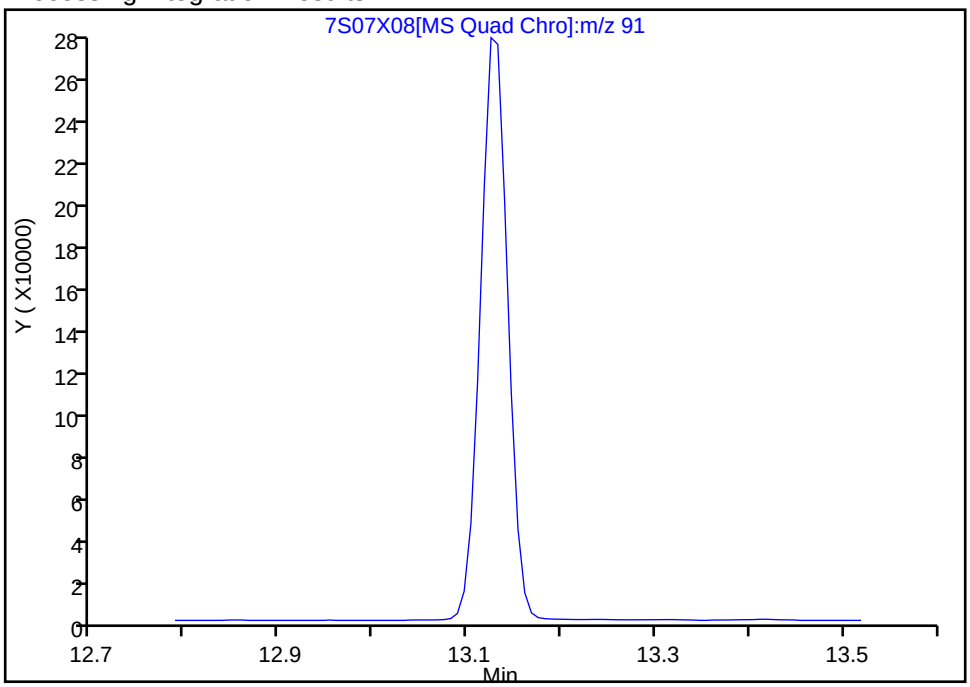
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 59 Toluene, CAS: 108-88-3

Signal: 1

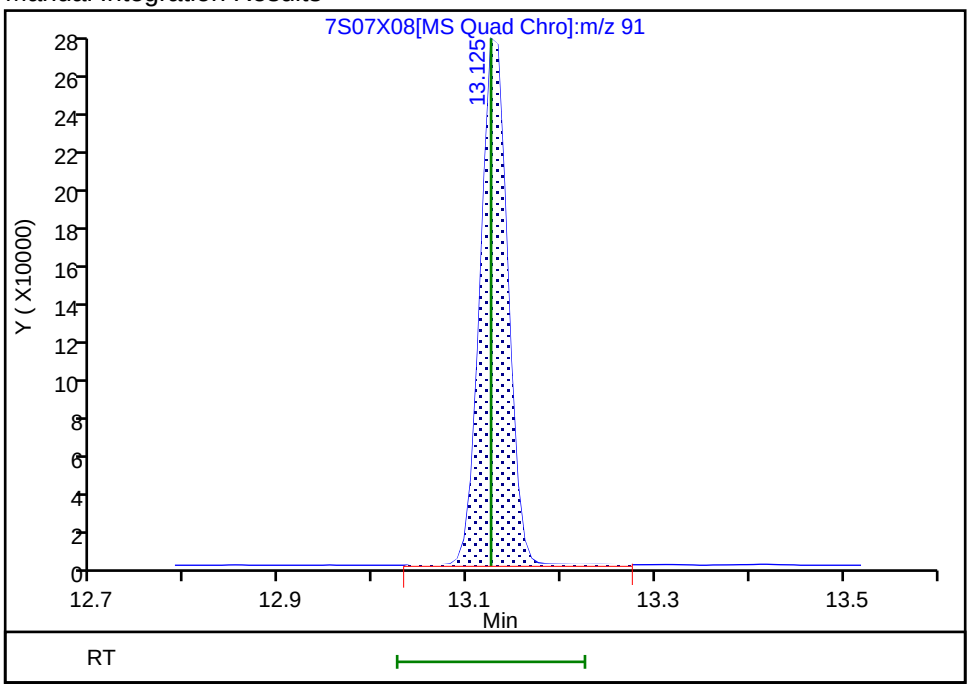
Not Detected
Expected RT: 13.12

Processing Integration Results




Manual Integration Results

RT: 13.12
Area: 566915
Amount: 4.623021
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:07:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

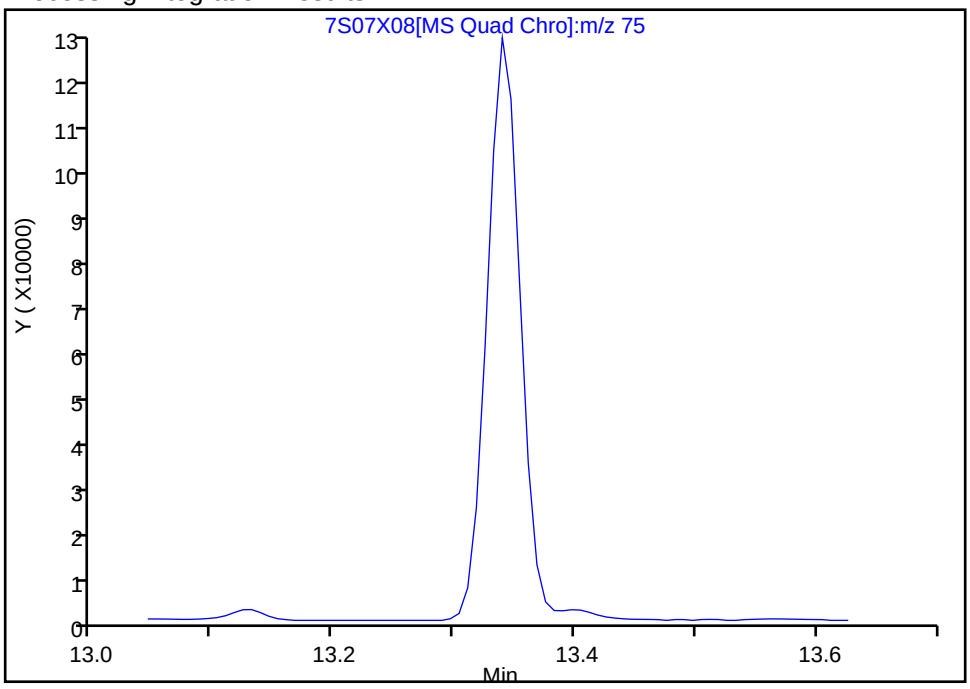
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

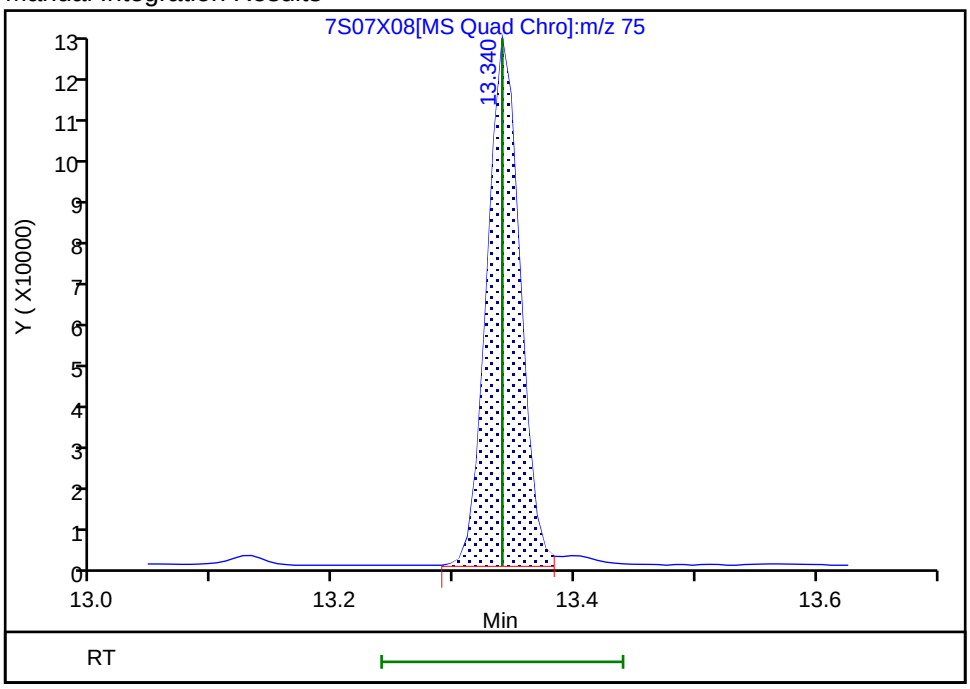
Not Detected
Expected RT: 13.34

Processing Integration Results




Manual Integration Results

RT: 13.34
Area: 229179
Amount: 4.660671
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:49 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

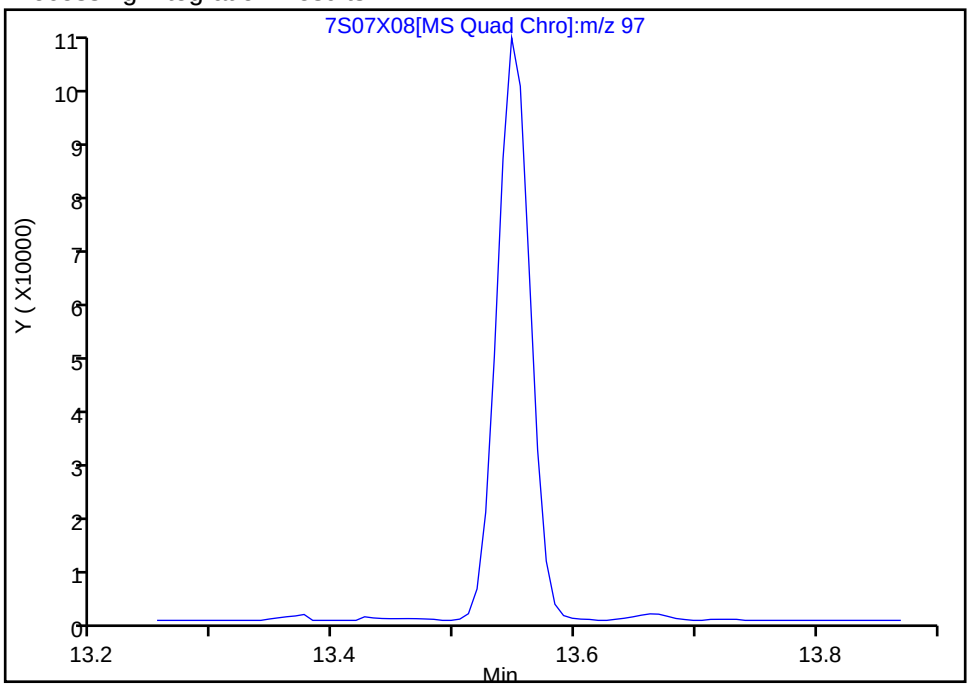
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

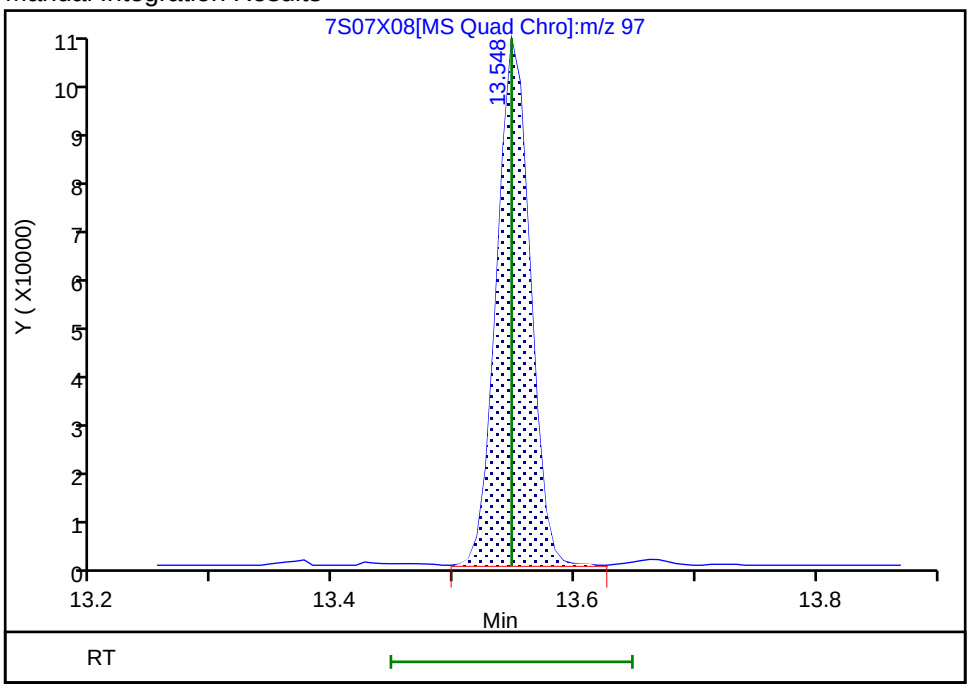
Not Detected
Expected RT: 13.55

Processing Integration Results




Manual Integration Results

RT: 13.55
Area: 200482
Amount: 4.868763
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

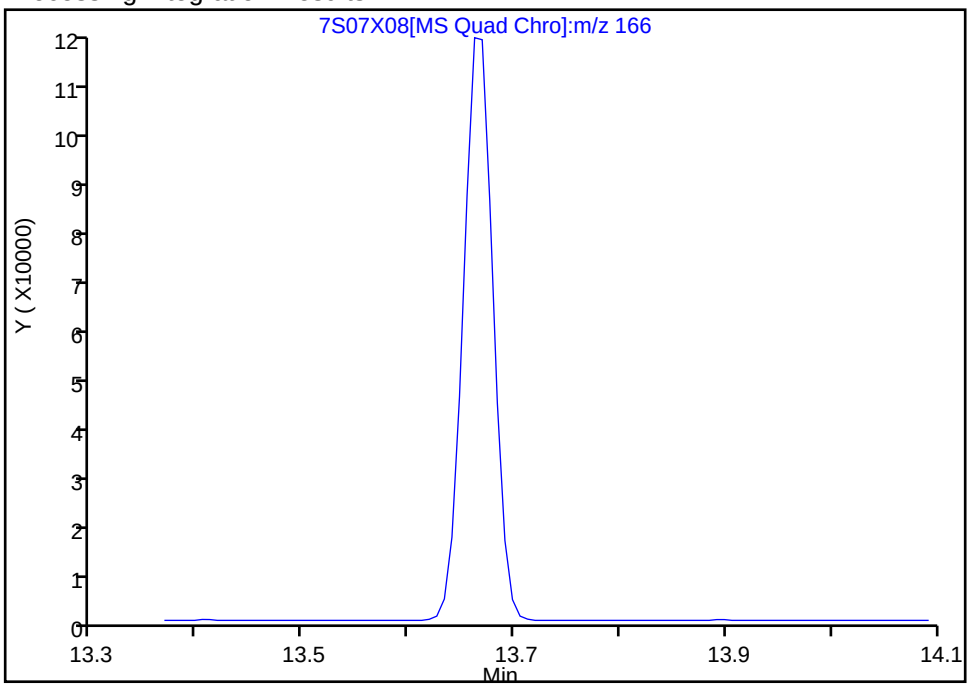
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 61 Tetrachloroethene, CAS: 127-18-4

Signal: 1

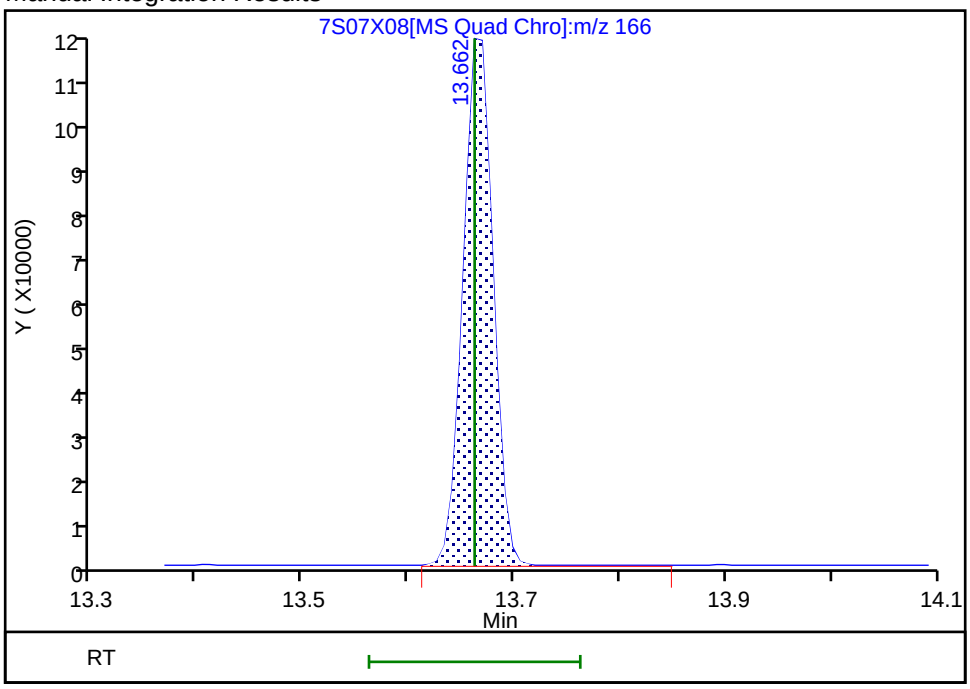
Not Detected
Expected RT: 13.66

Processing Integration Results




Manual Integration Results

RT: 13.66
Area: 231168
Amount: 4.375089
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

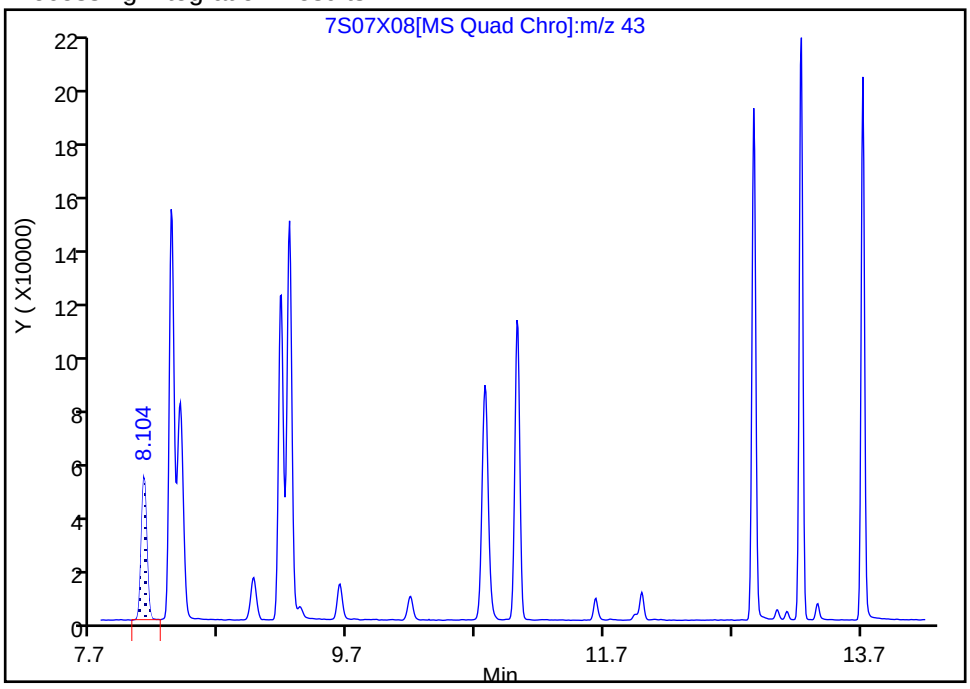
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 67 2-Hexanone, CAS: 591-78-6

Signal: 1

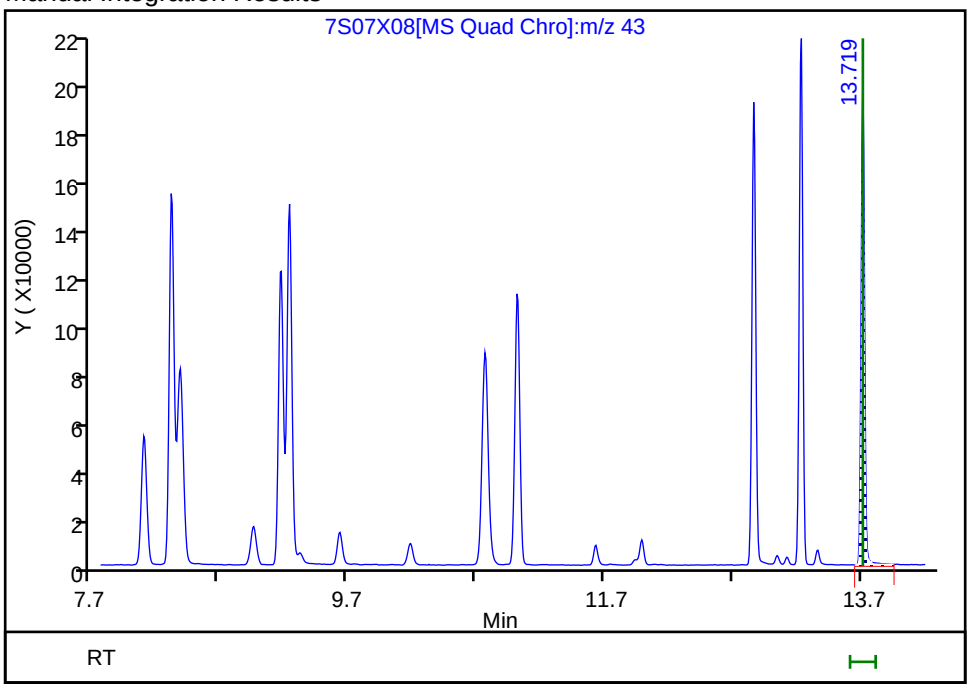
Processing Integration Results

RT: 8.10
Area: 158505
Amount: 3.812941
Amount Units: ppb v/v




Manual Integration Results

RT: 13.72
Area: 385122
Amount: 5.156134
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:56:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

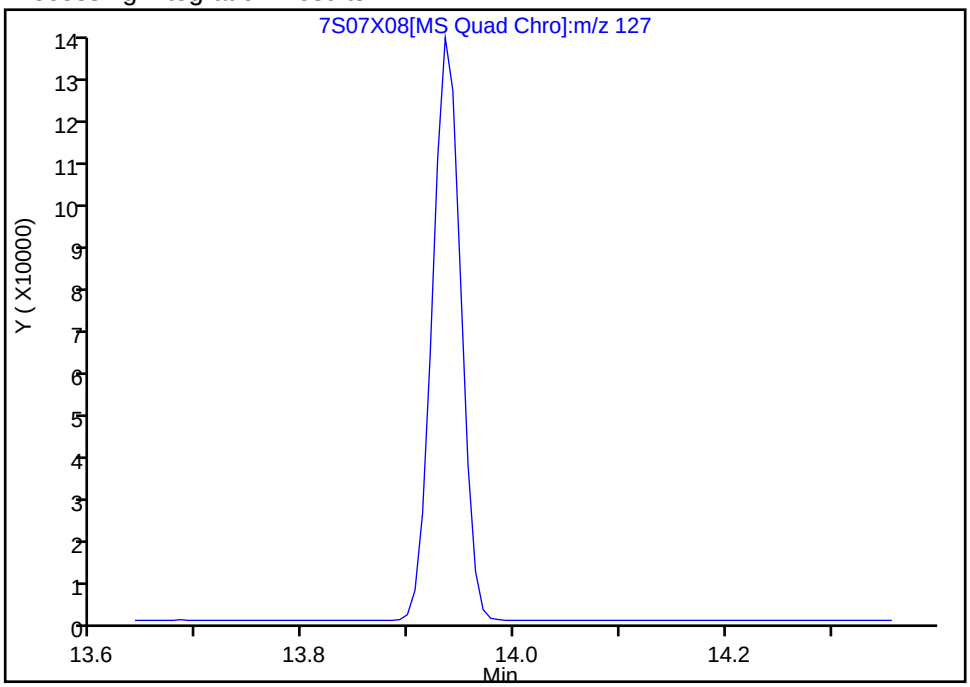
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 65 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

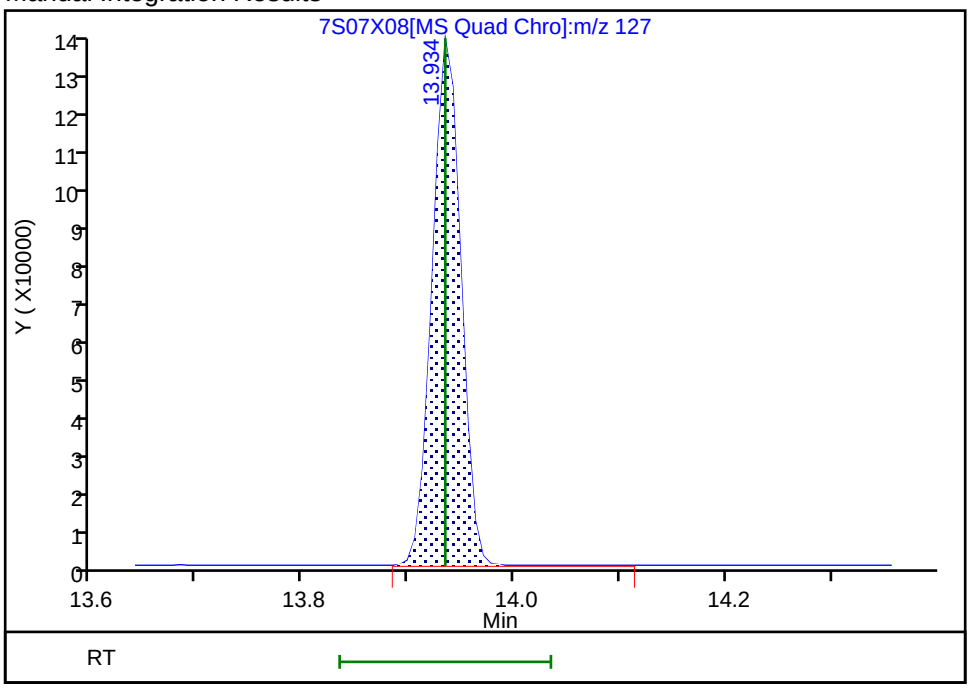
Not Detected
Expected RT: 13.93

Processing Integration Results




Manual Integration Results

RT: 13.93
Area: 251797
Amount: 4.759059
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:56:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

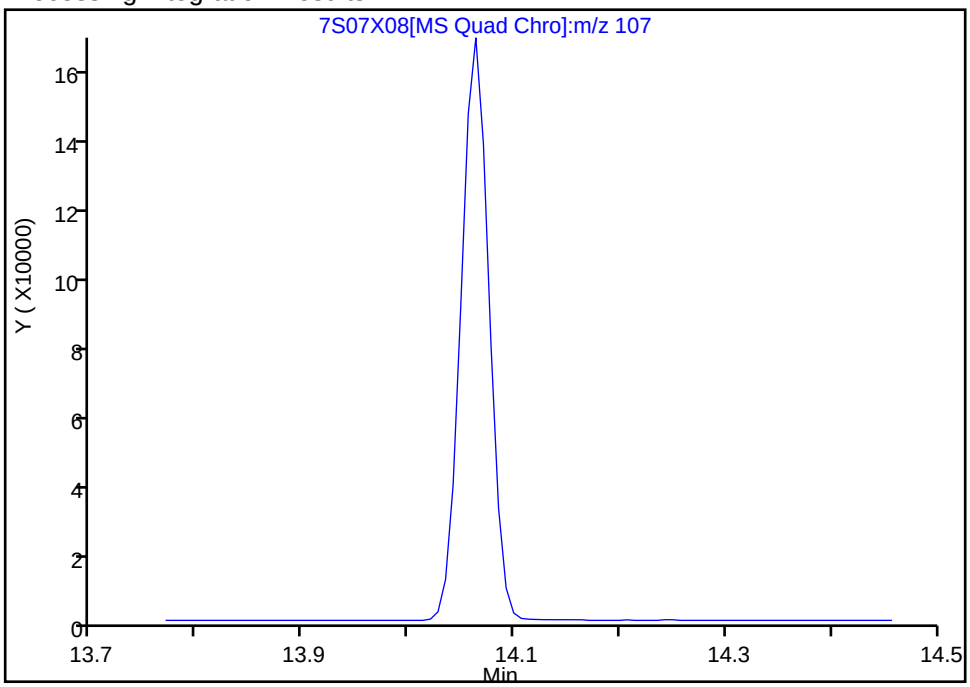
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 66 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

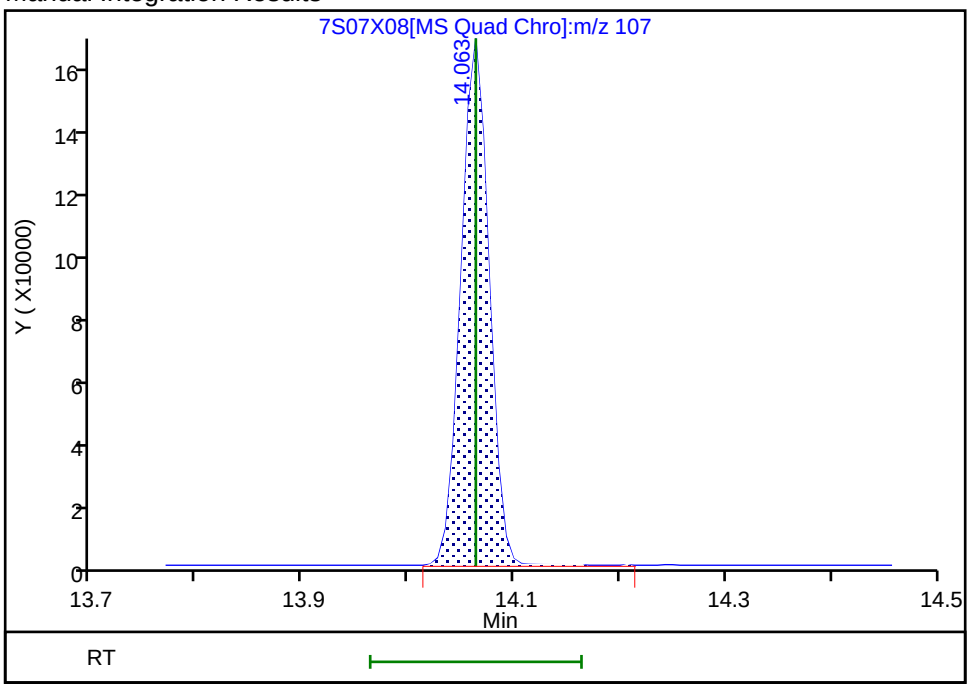
Not Detected
Expected RT: 14.06

Processing Integration Results




Manual Integration Results

RT: 14.06
Area: 296544
Amount: 4.801166
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

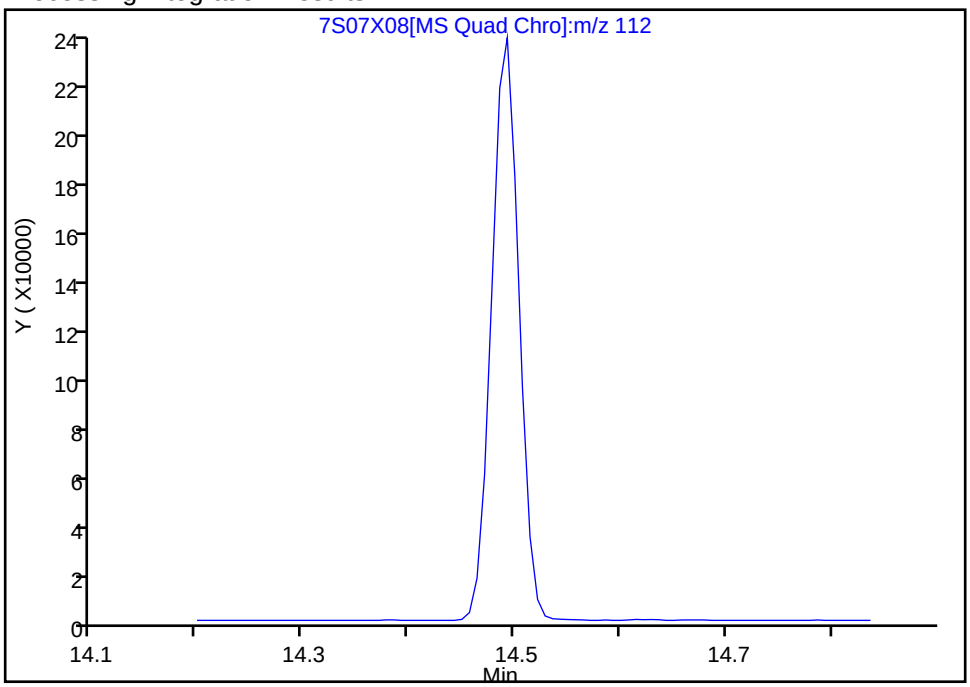
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 69 Chlorobenzene, CAS: 108-90-7

Signal: 1

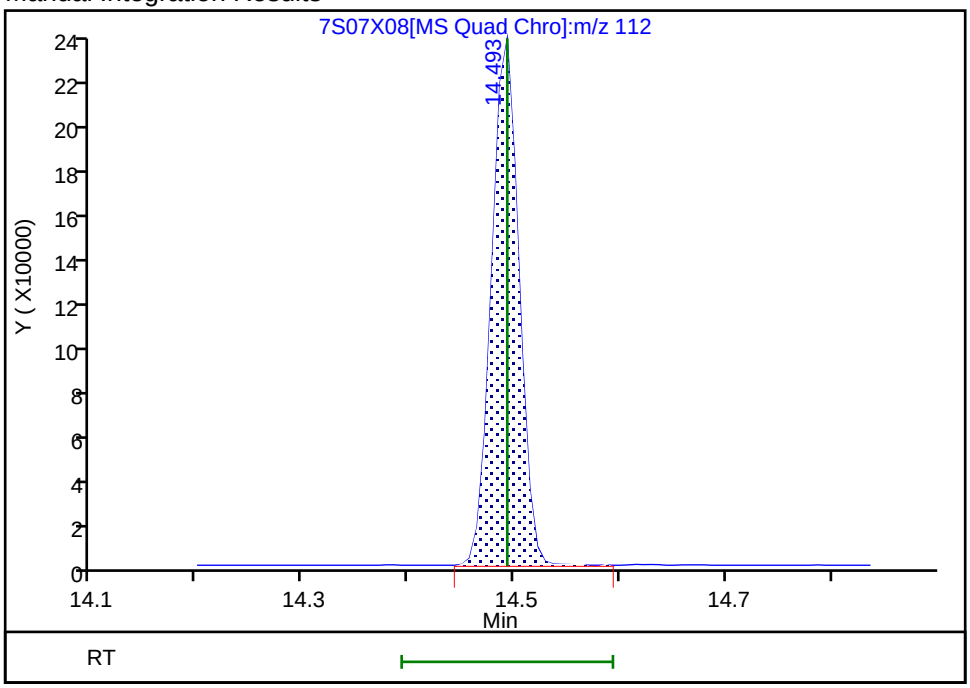
Not Detected
Expected RT: 14.49

Processing Integration Results




Manual Integration Results

RT: 14.49
Area: 416208
Amount: 4.482000
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:08:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

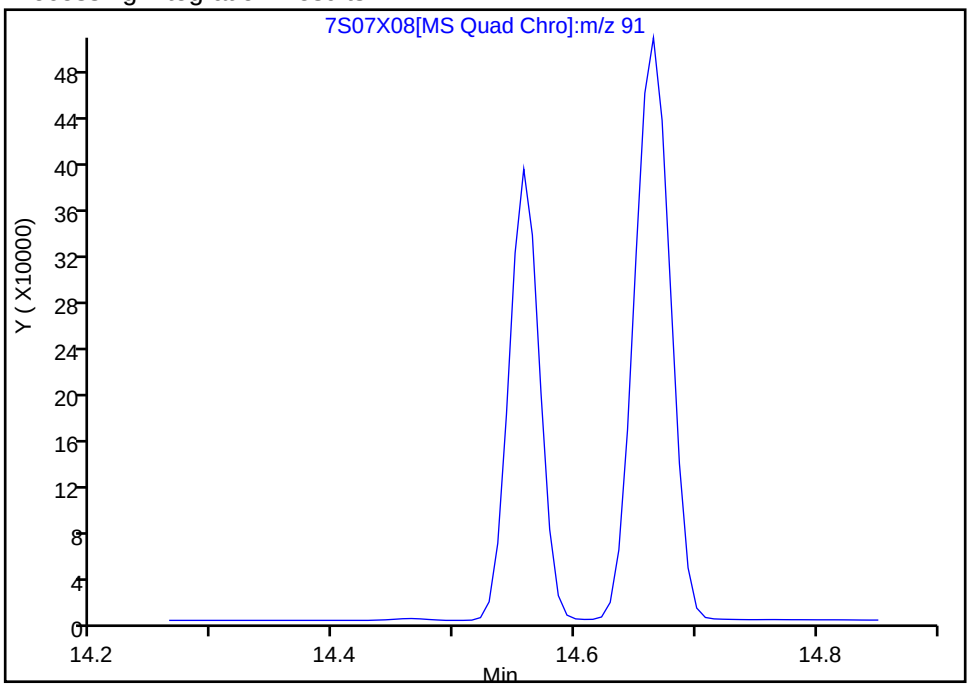
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 70 Ethylbenzene, CAS: 100-41-4

Signal: 1

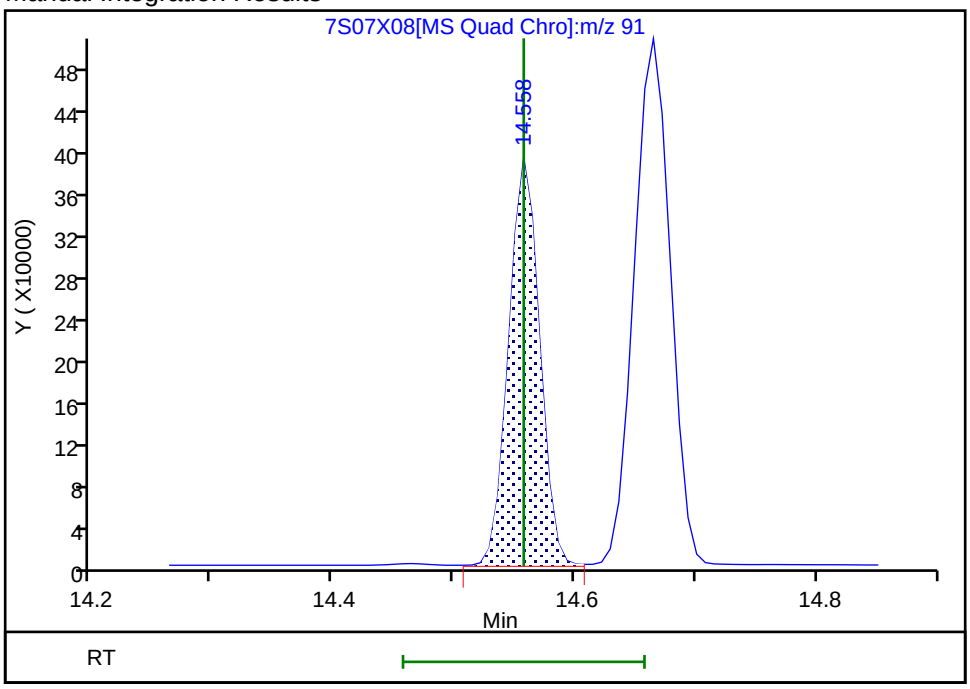
Not Detected
Expected RT: 14.56

Processing Integration Results




Manual Integration Results

RT: 14.56
Area: 694330
Amount: 4.689536
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:09:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

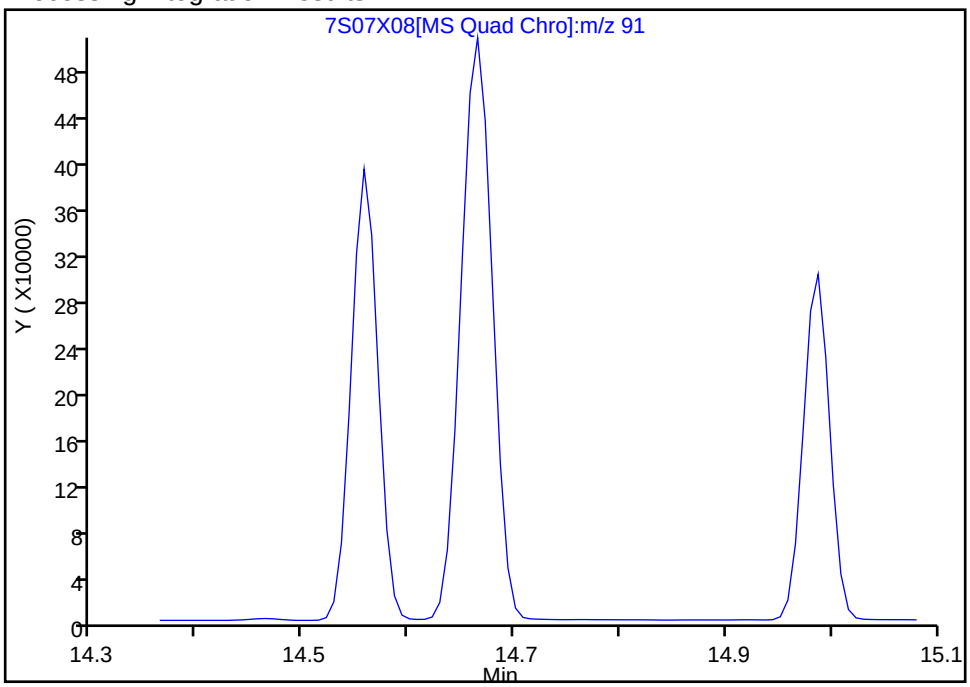
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

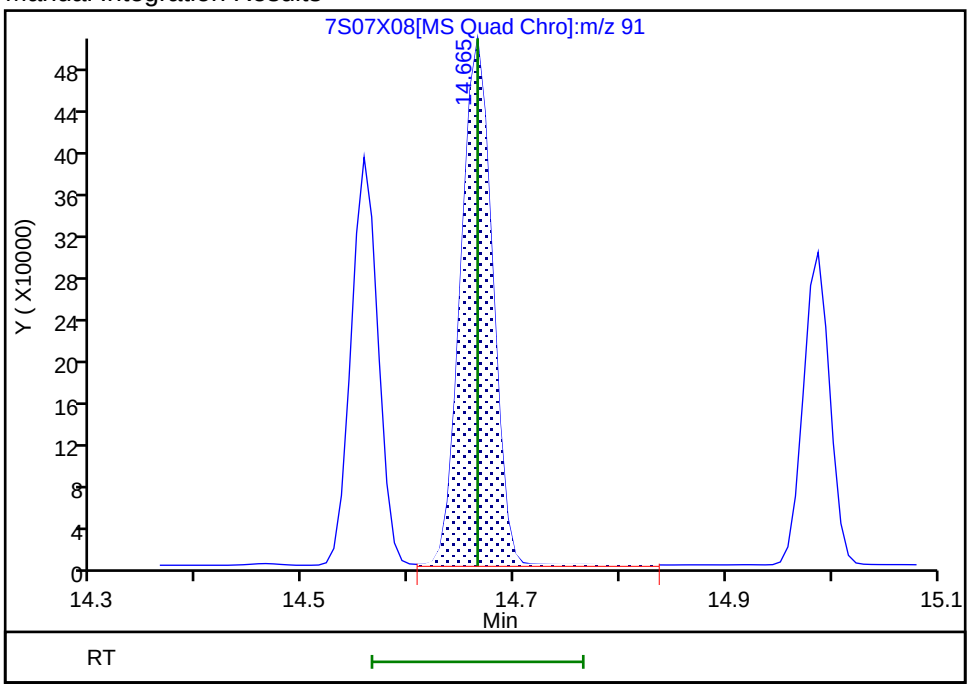
Not Detected
Expected RT: 14.66

Processing Integration Results




Manual Integration Results

RT: 14.66
Area: 1055613
Amount: 9.607499
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:09:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

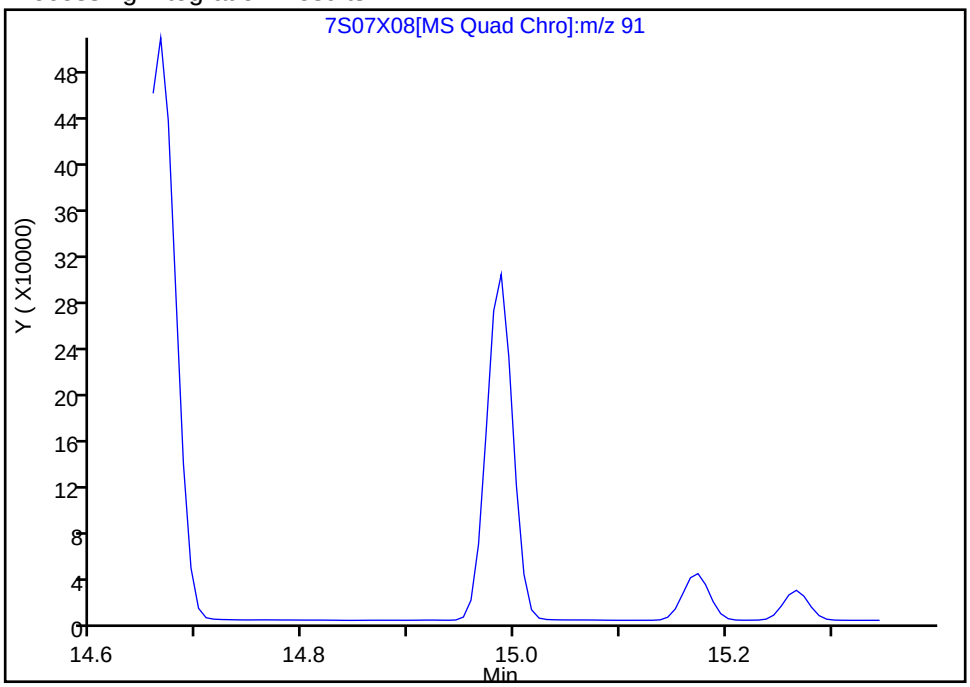
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 73 o-Xylene, CAS: 95-47-6

Signal: 1

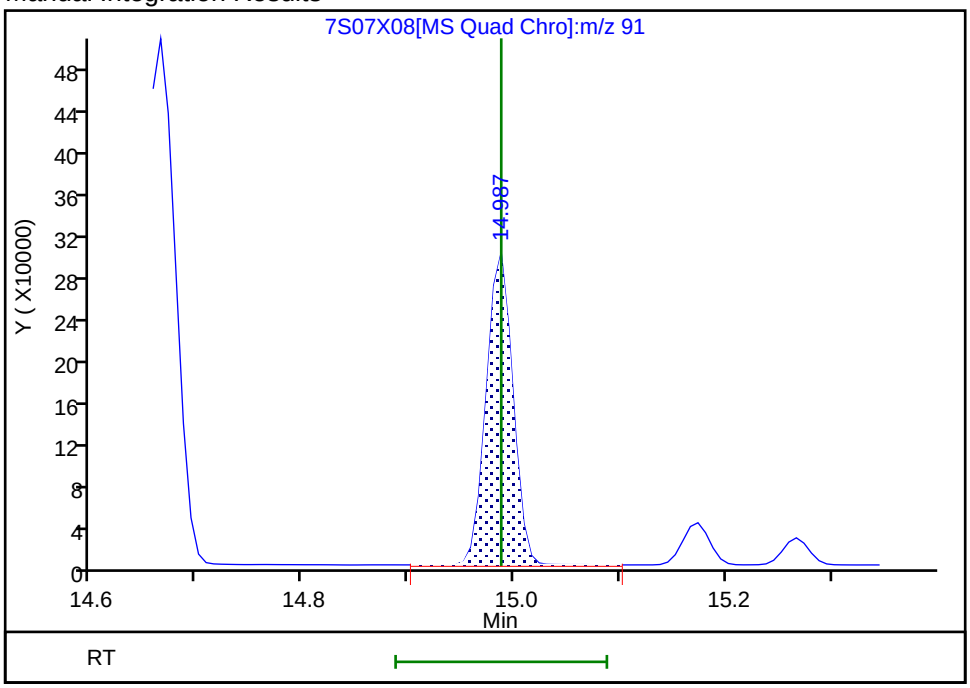
Not Detected
Expected RT: 14.99

Processing Integration Results




Manual Integration Results

RT: 14.99
Area: 528301
Amount: 4.837389
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

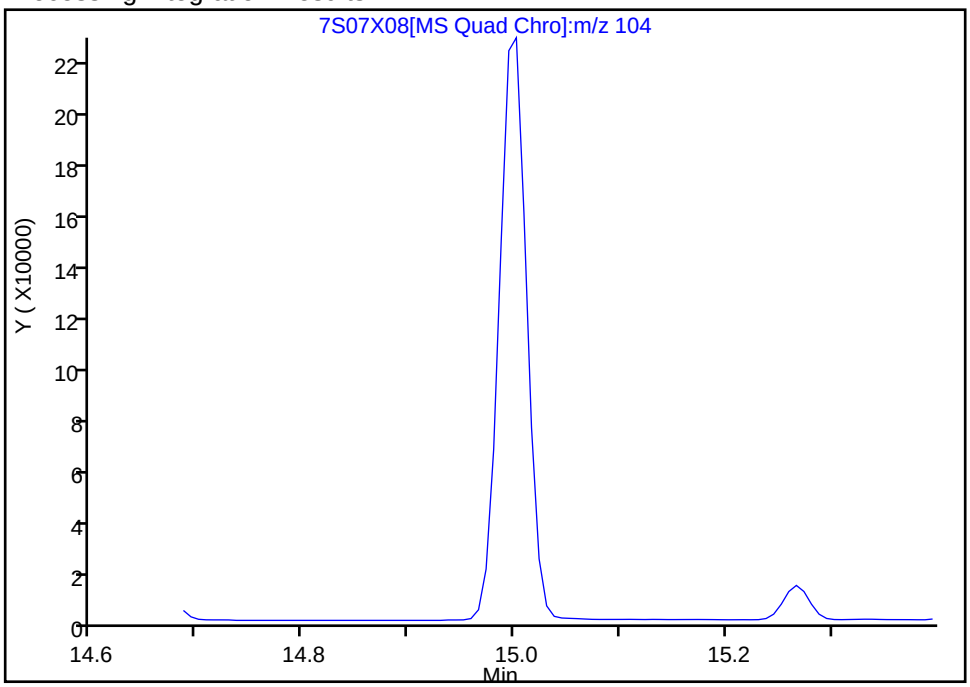
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 74 Styrene, CAS: 100-42-5

Signal: 1

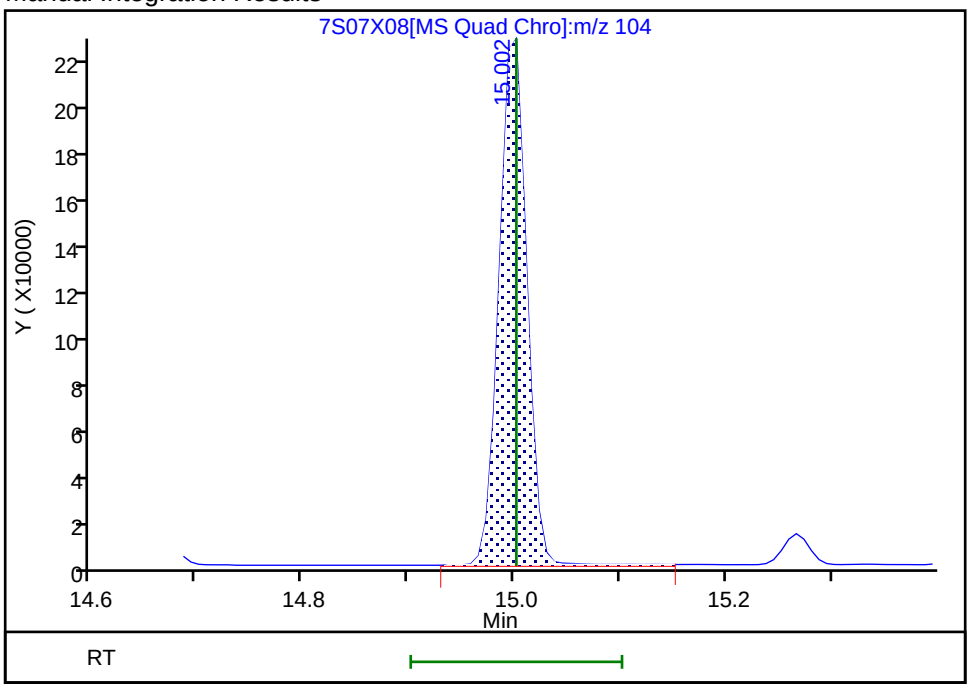
Not Detected
Expected RT: 15.00

Processing Integration Results




Manual Integration Results

RT: 15.00
Area: 400416
Amount: 5.046703
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

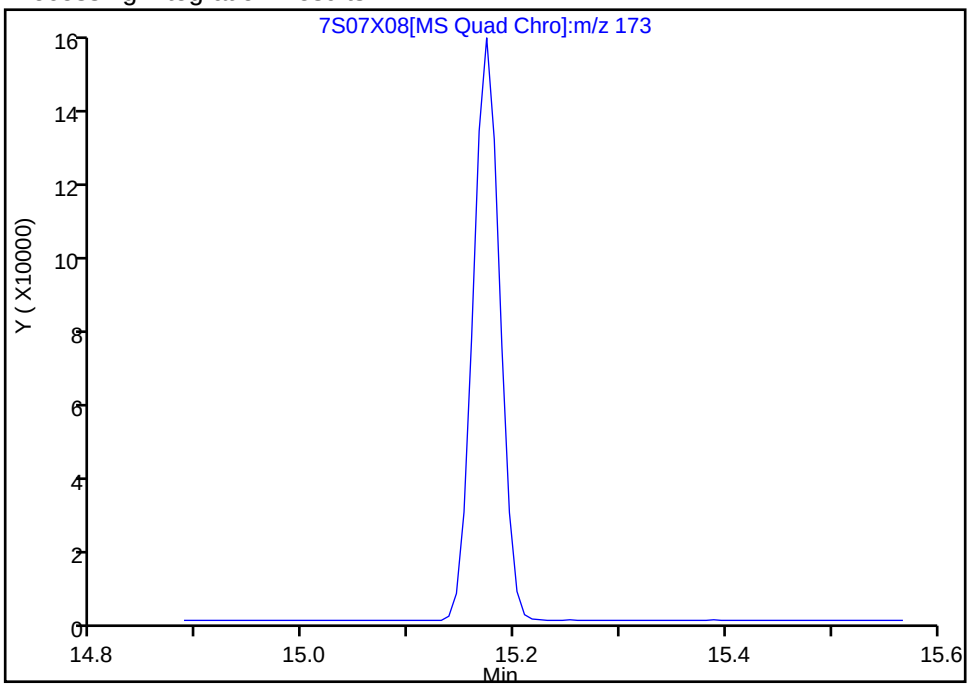
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 75 Bromoform, CAS: 75-25-2

Signal: 1

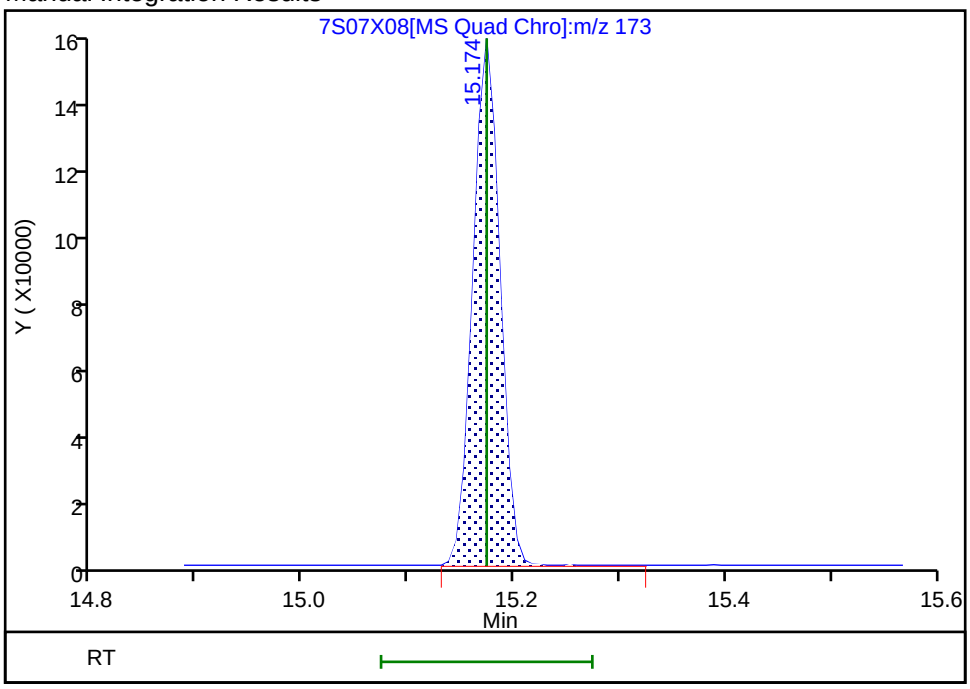
Not Detected
Expected RT: 15.17

Processing Integration Results




Manual Integration Results

RT: 15.17
Area: 278524
Amount: 4.861194
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

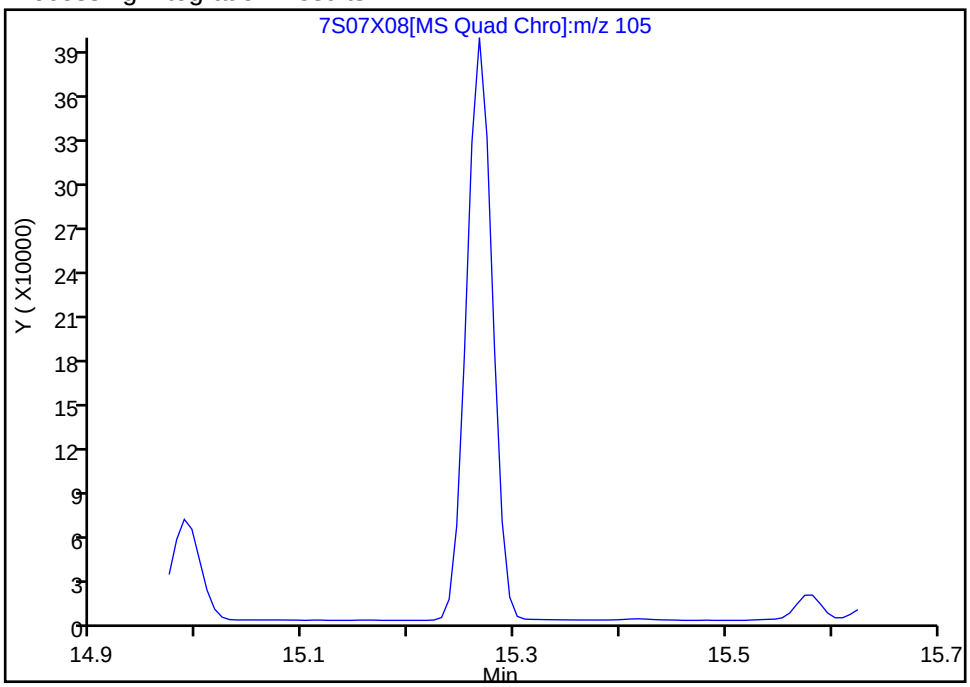
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 76 Isopropylbenzene, CAS: 98-82-8

Signal: 1

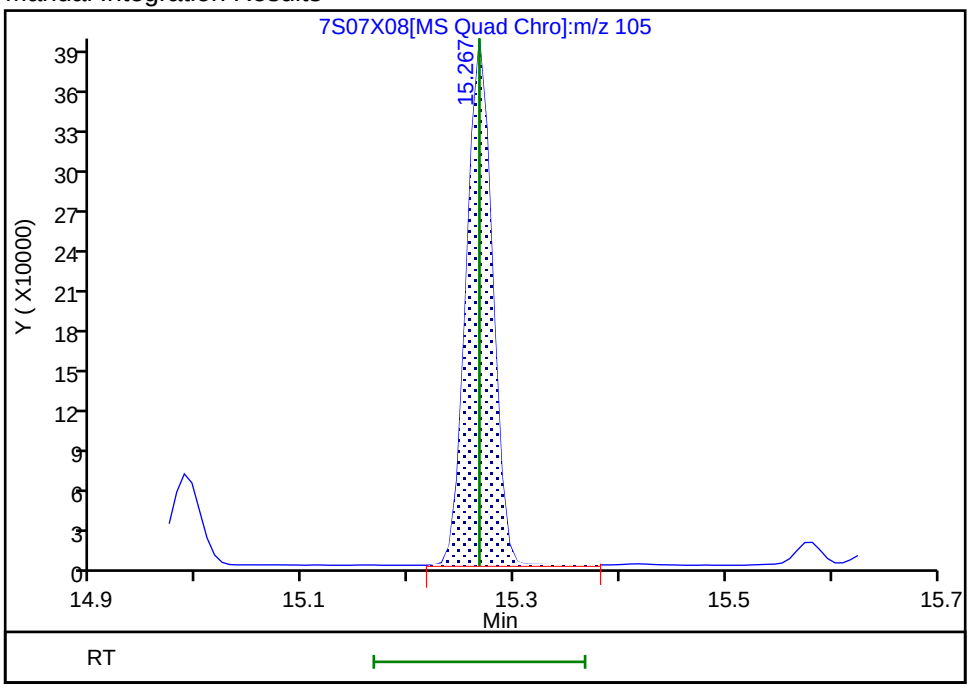
Not Detected
Expected RT: 15.27

Processing Integration Results




Manual Integration Results

RT: 15.27
Area: 684463
Amount: 5.004552
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:10:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

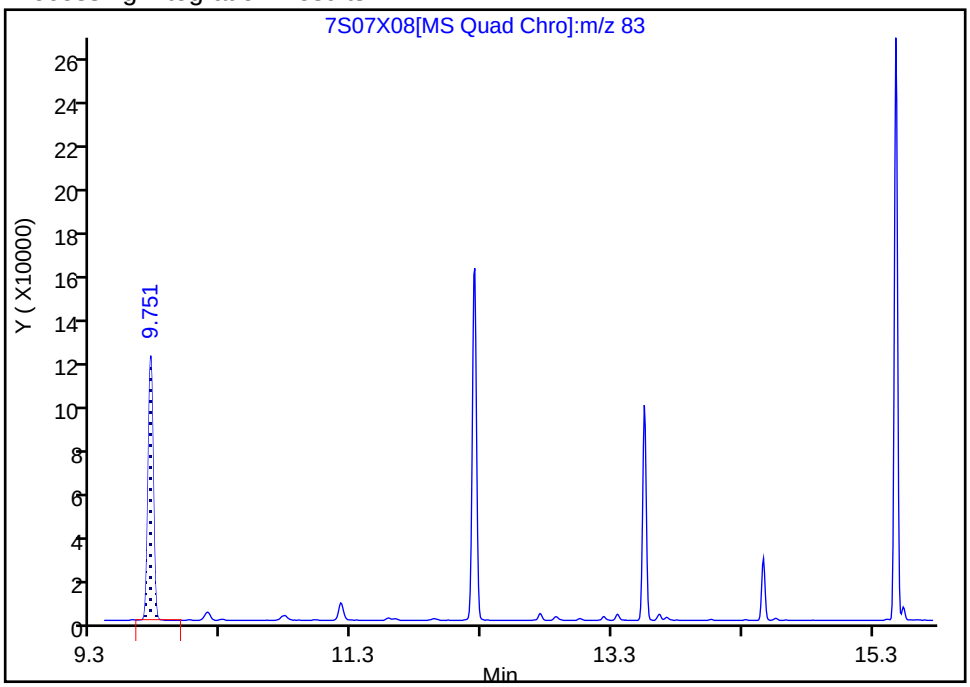
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

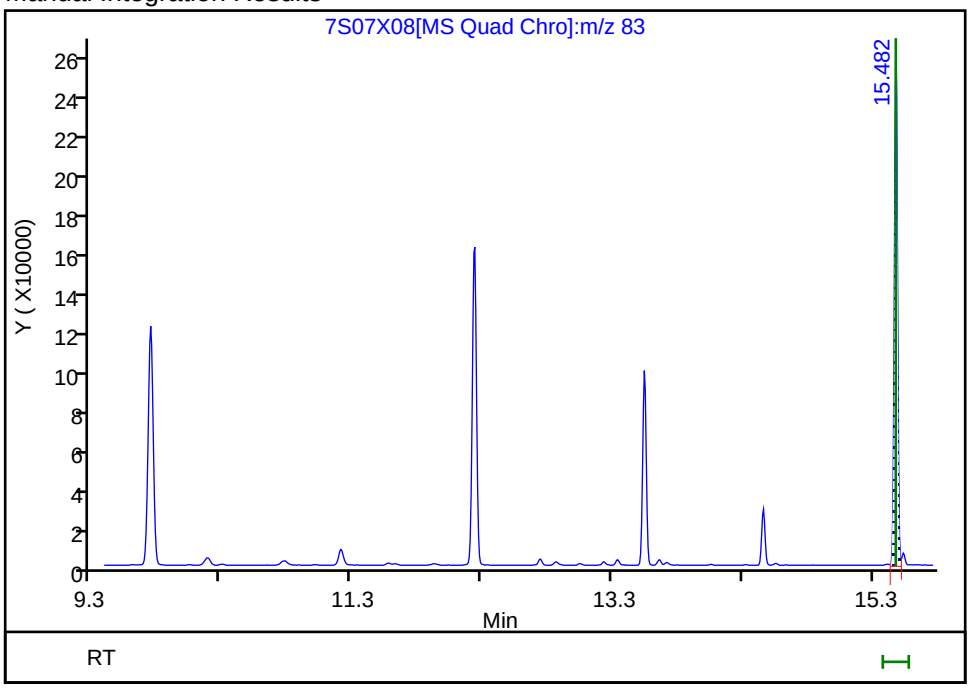
Processing Integration Results

RT: 9.75
Area: 320439
Amount: 4.585038
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 449534
Amount: 4.788068
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:20:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

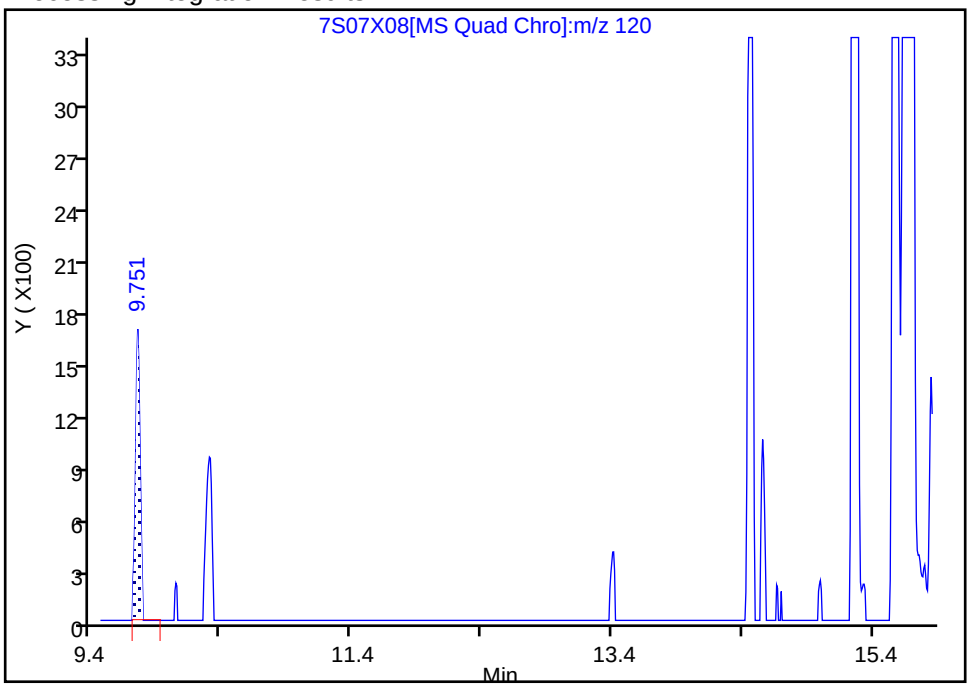
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 77 N-Propylbenzene, CAS: 103-65-1

Signal: 1

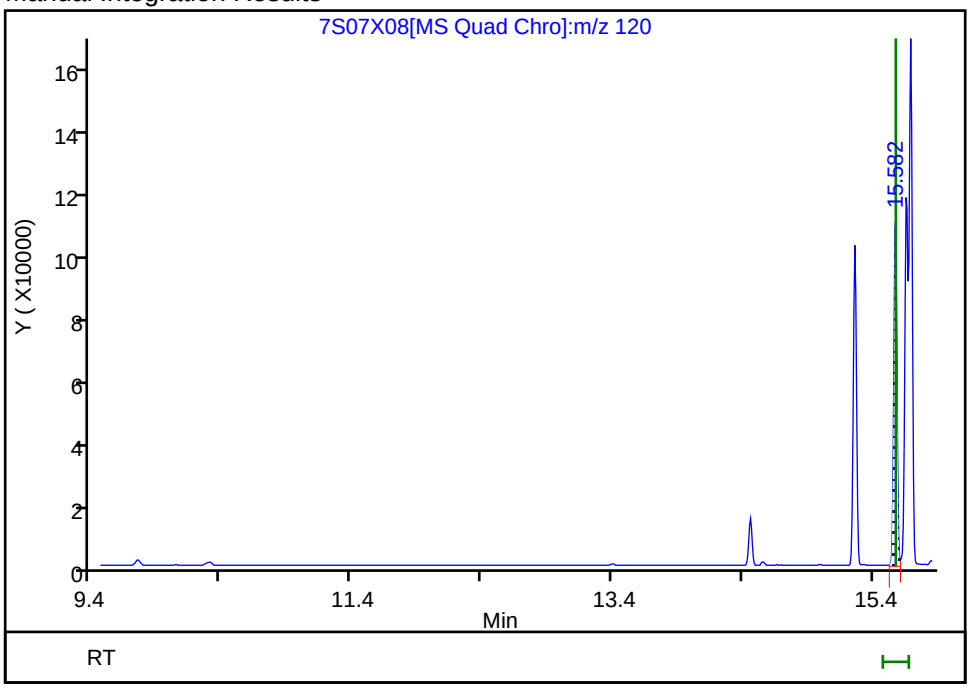
Processing Integration Results

RT: 9.75
Area: 4144
Amount: 4.791016
Amount Units: ppb v/v




Manual Integration Results

RT: 15.58
Area: 186166
Amount: 5.014163
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:58:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

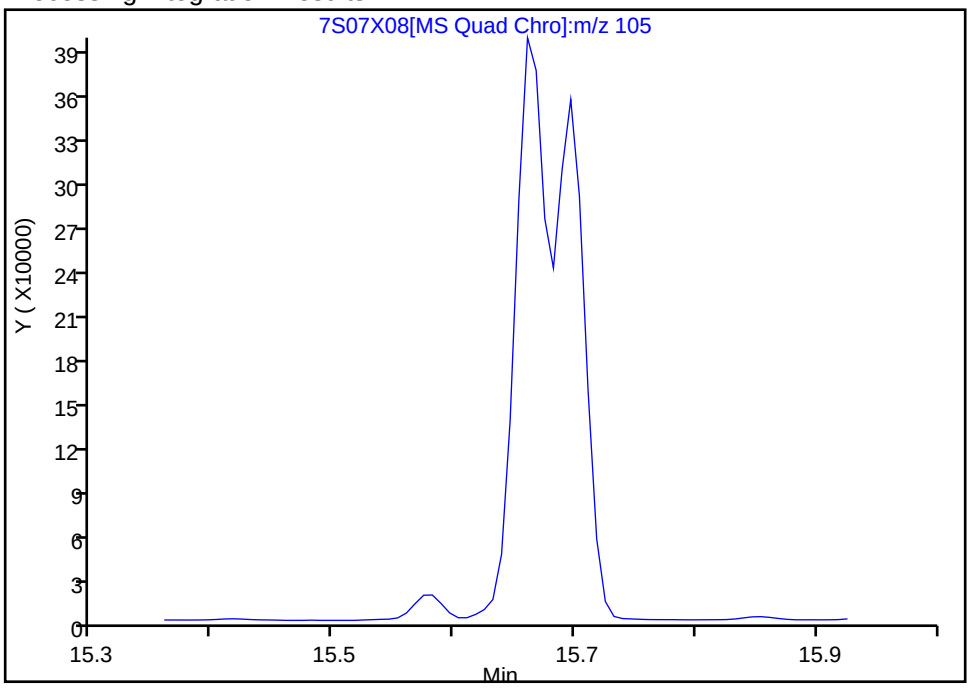
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

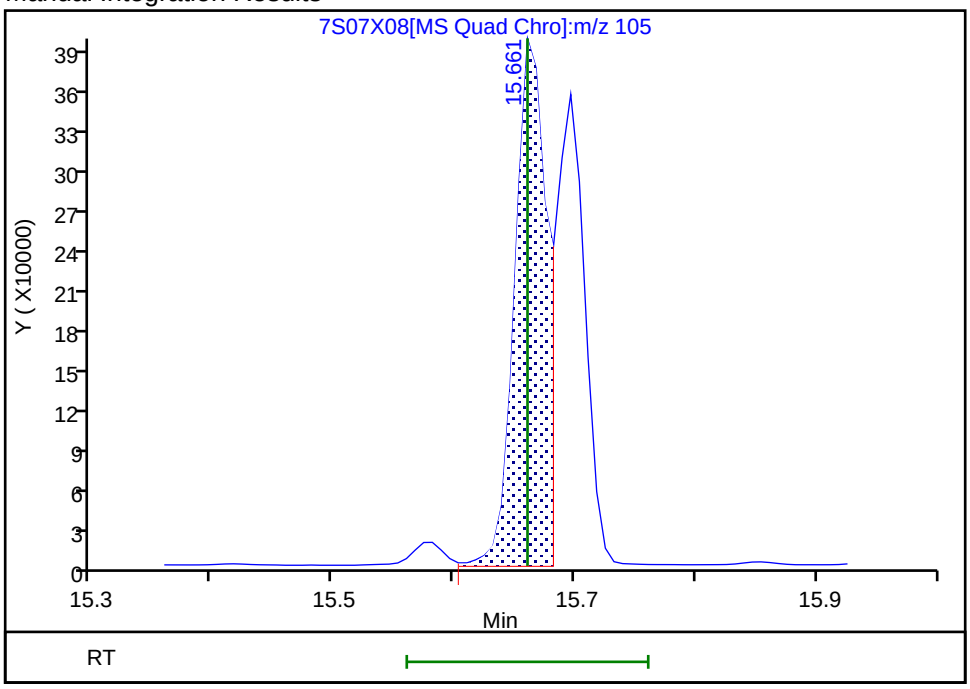
Not Detected
Expected RT: 15.66

Processing Integration Results




Manual Integration Results

RT: 15.66
Area: 715751
Amount: 5.238330
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:12:51 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

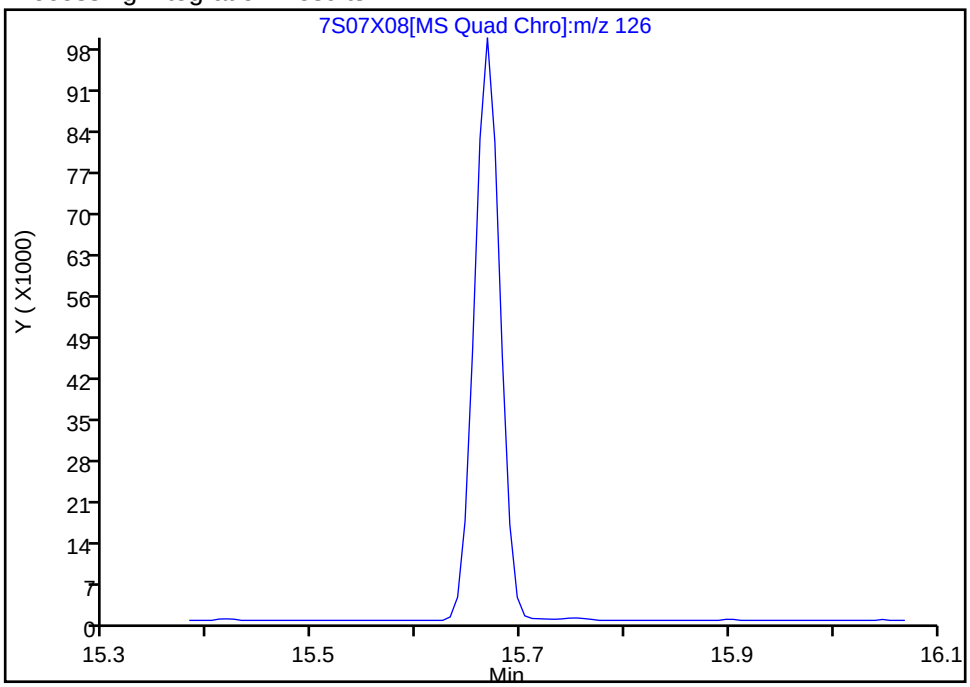
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 81 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

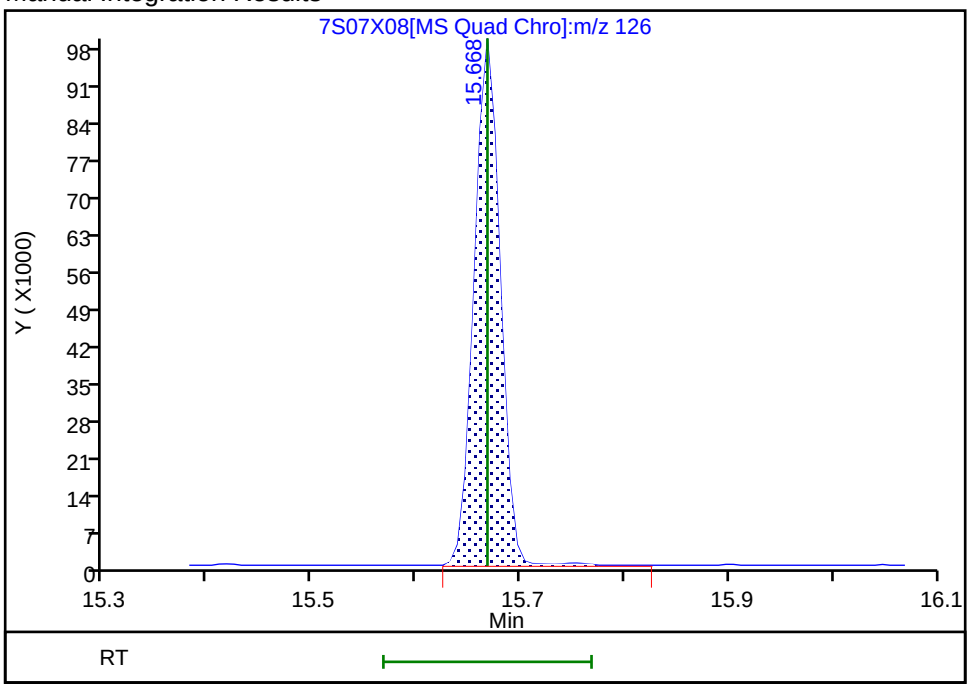
Not Detected
Expected RT: 15.67

Processing Integration Results




Manual Integration Results

RT: 15.67
Area: 171546
Amount: 4.840700
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:12:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

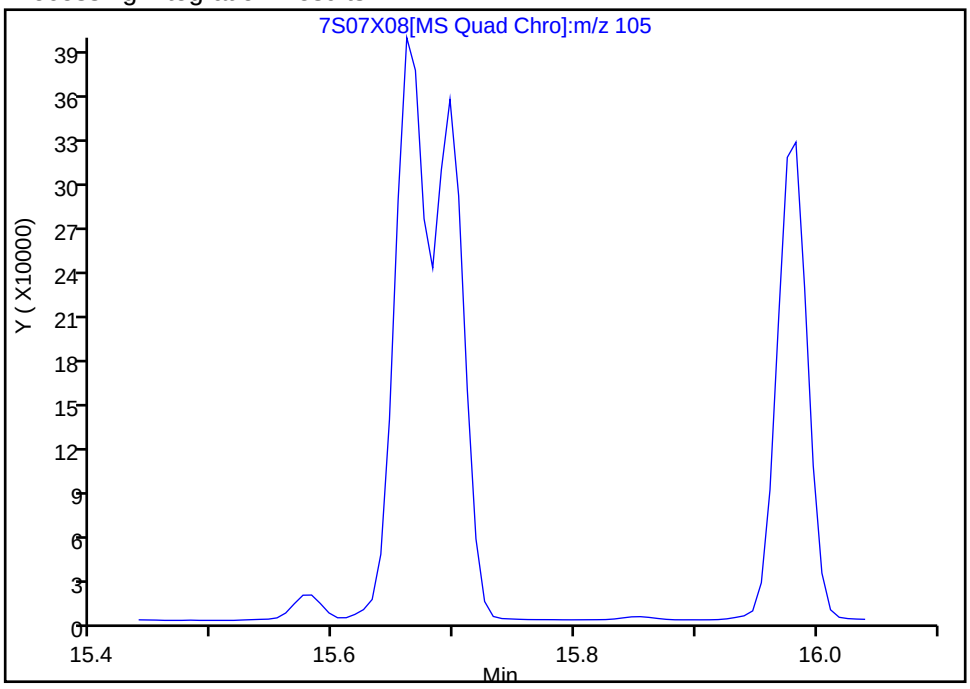
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

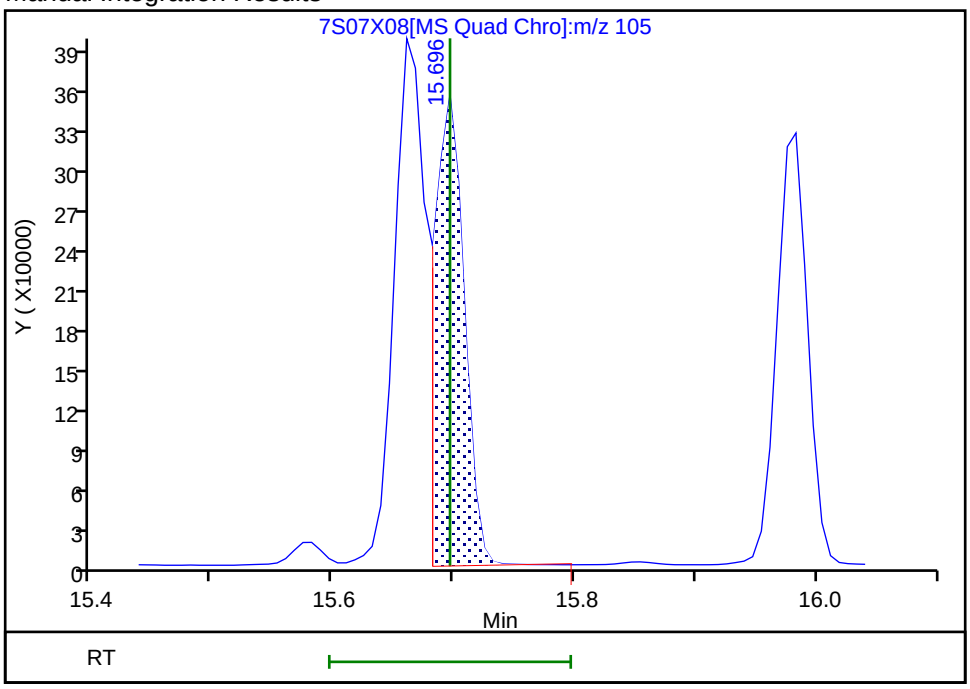
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 560860
Amount: 5.127455
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:05 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

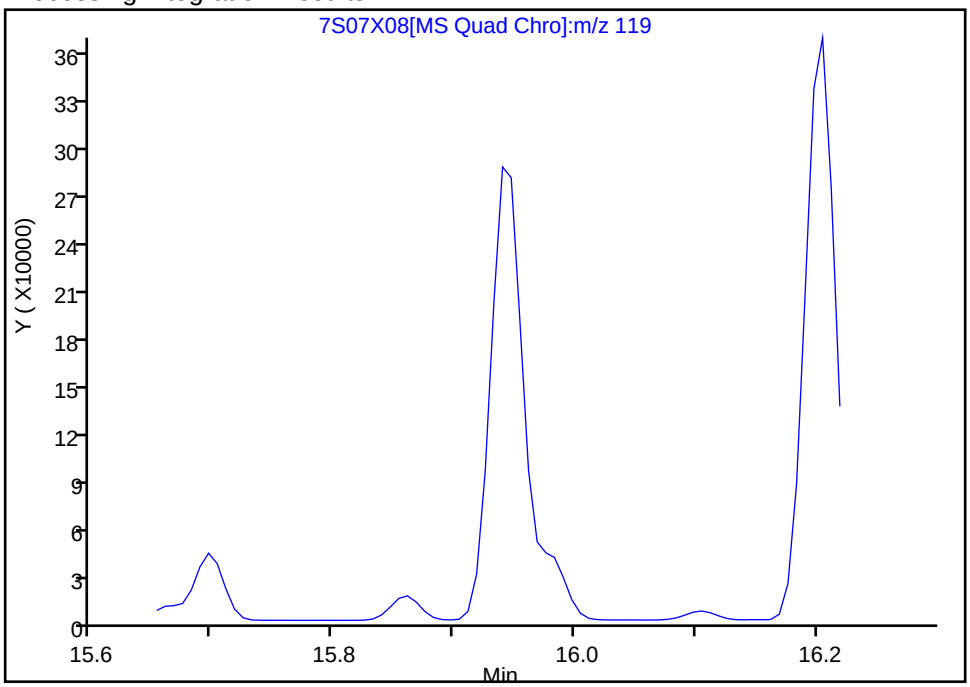
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

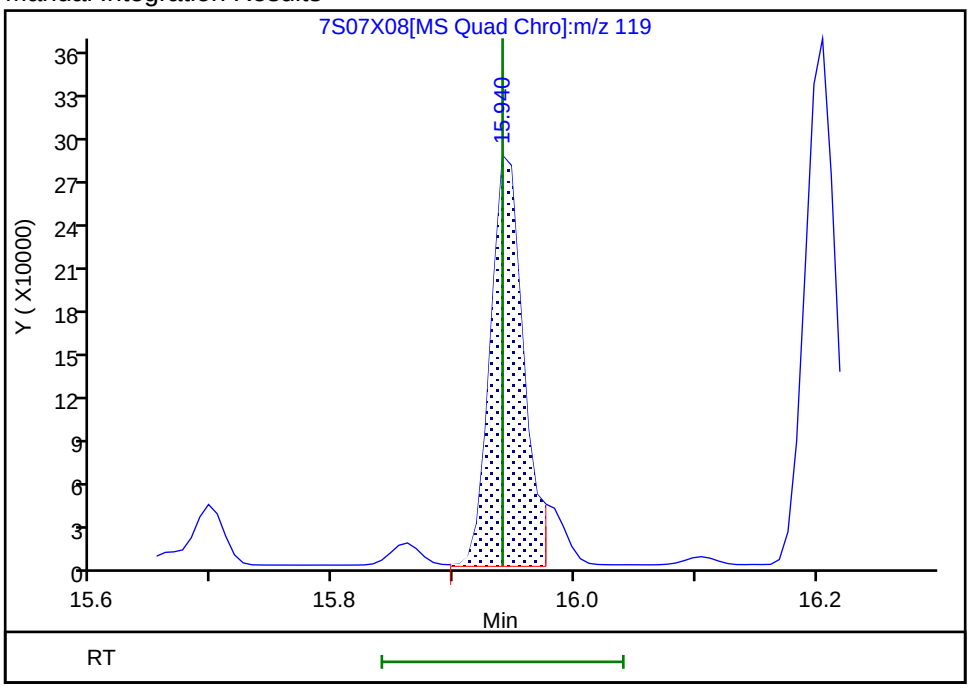
Not Detected
Expected RT: 15.94

Processing Integration Results




Manual Integration Results

RT: 15.94
Area: 538106
Amount: 4.937946
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:21:04 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

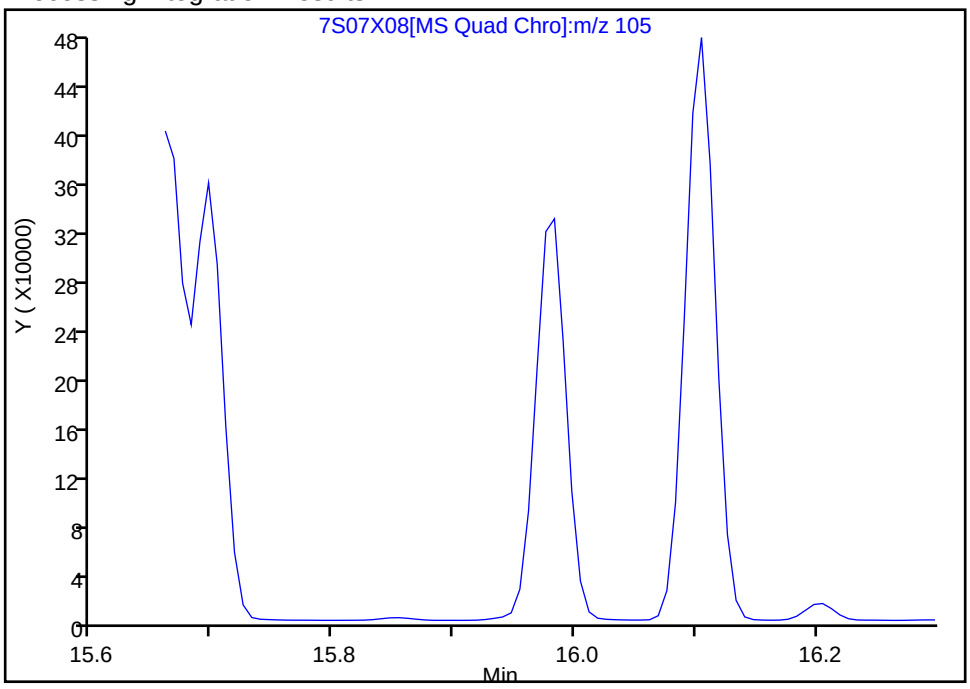
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 86 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

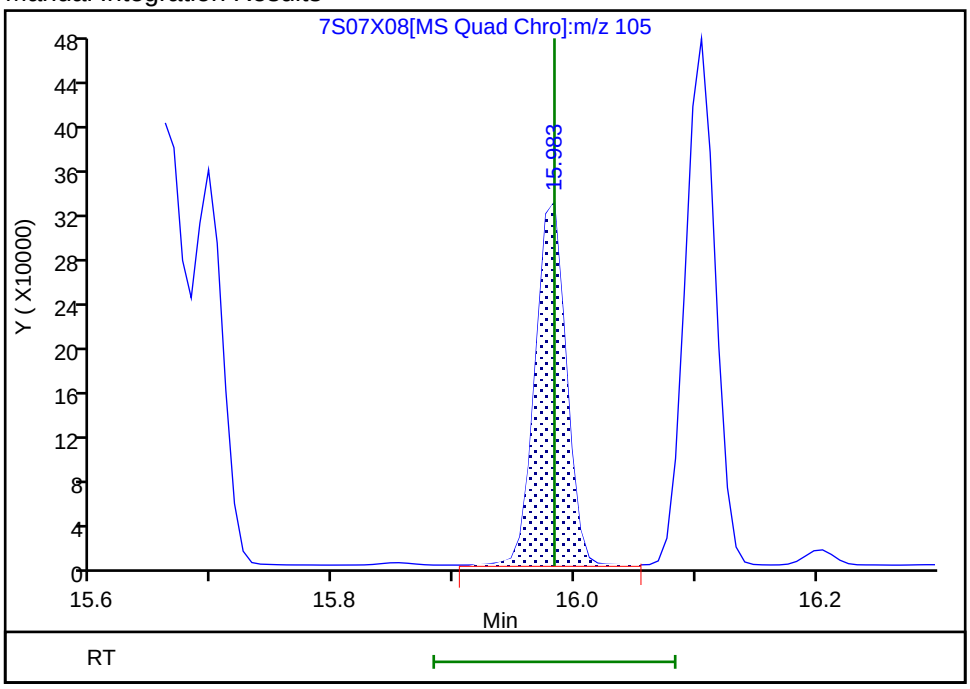
Not Detected
Expected RT: 15.98

Processing Integration Results




Manual Integration Results

RT: 15.98
Area: 580420
Amount: 5.020802
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

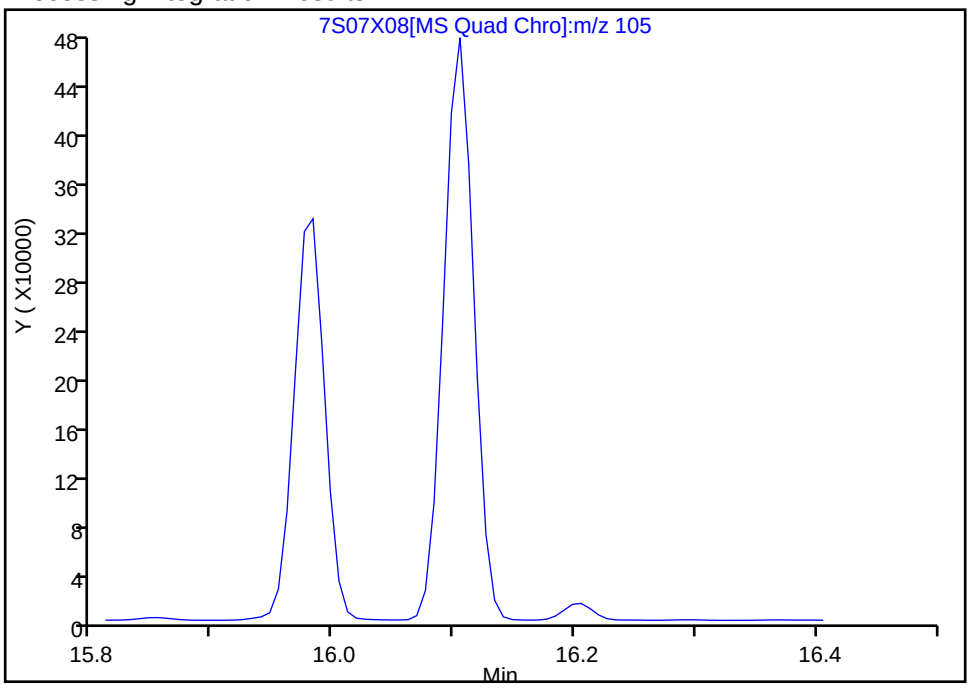
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

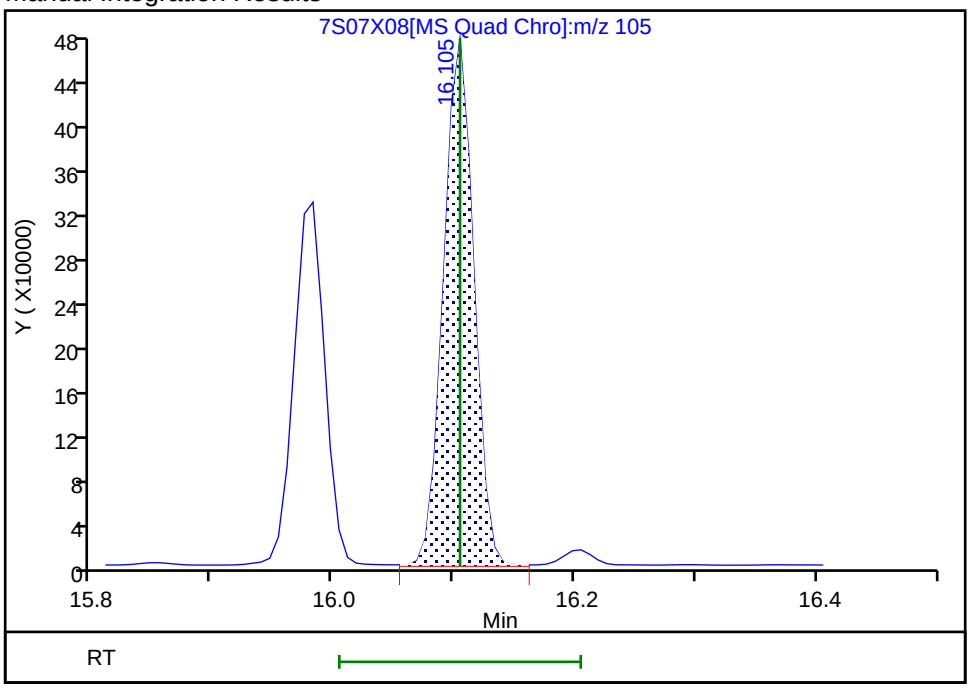
Not Detected
Expected RT: 16.10

Processing Integration Results




Manual Integration Results

RT: 16.10
Area: 822037
Amount: 4.957821
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

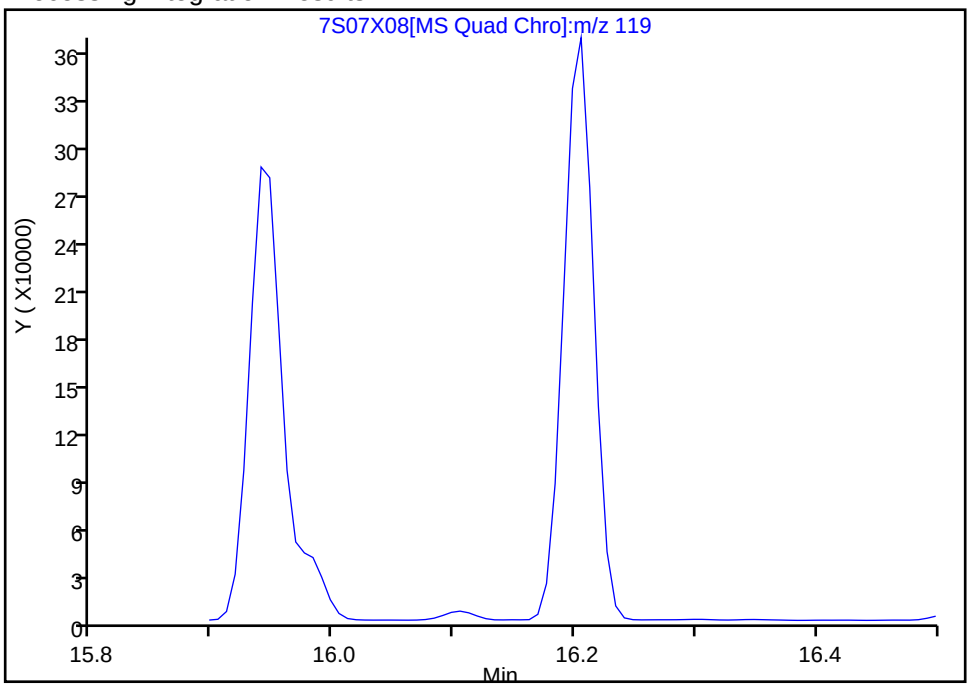
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

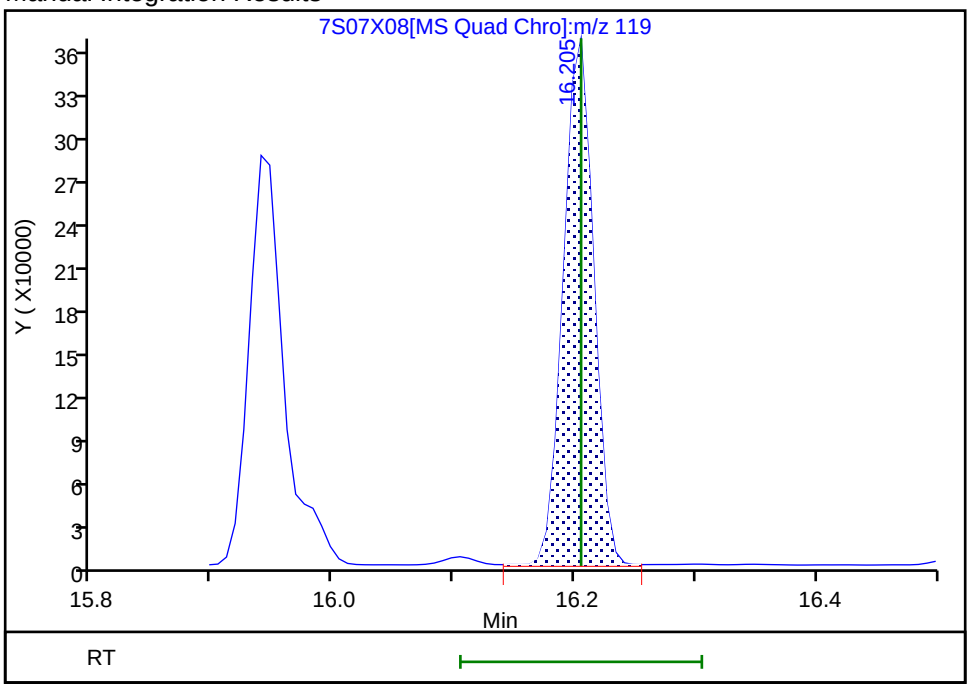
Not Detected
Expected RT: 16.21

Processing Integration Results




Manual Integration Results

RT: 16.21
Area: 640613
Amount: 4.868743
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

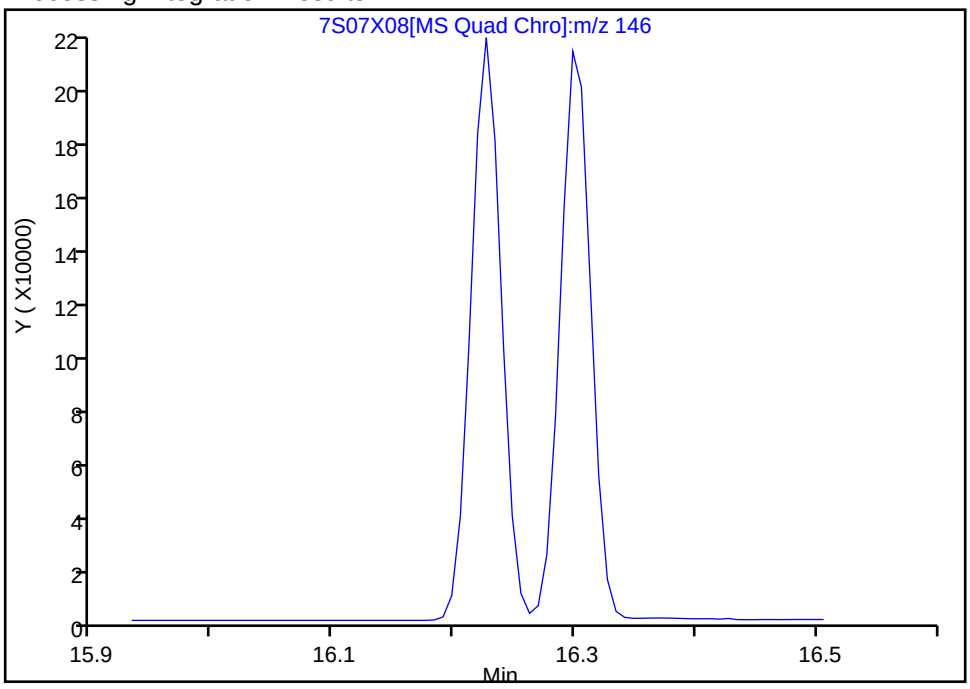
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 89 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

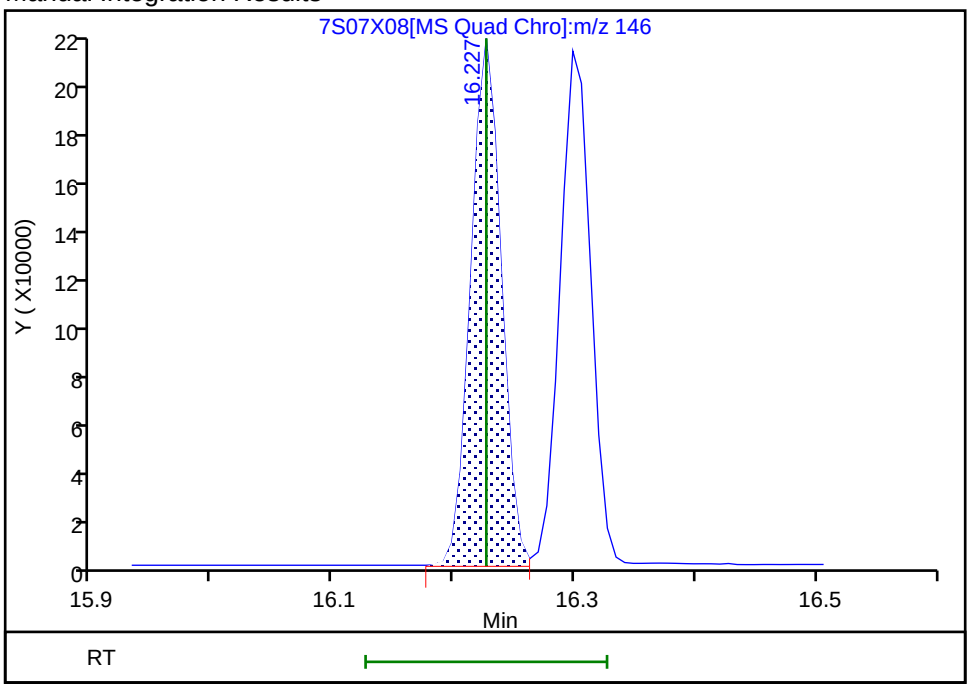
Not Detected
Expected RT: 16.23

Processing Integration Results




Manual Integration Results

RT: 16.23
Area: 375073
Amount: 4.893716
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:13:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

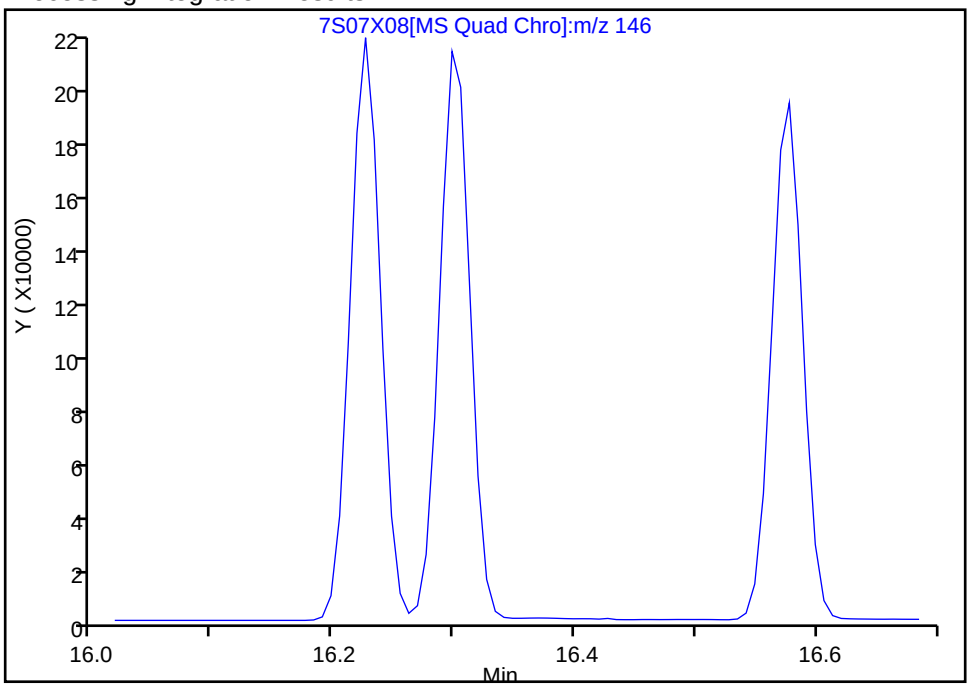
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 90 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

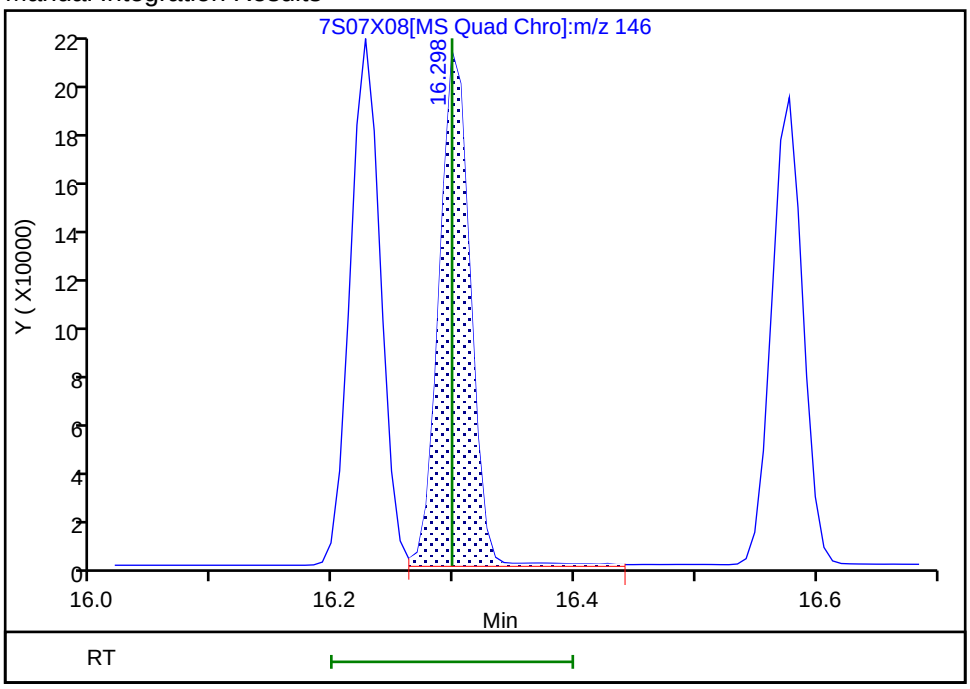
Not Detected
Expected RT: 16.30

Processing Integration Results




Manual Integration Results

RT: 16.30
Area: 374633
Amount: 4.858530
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

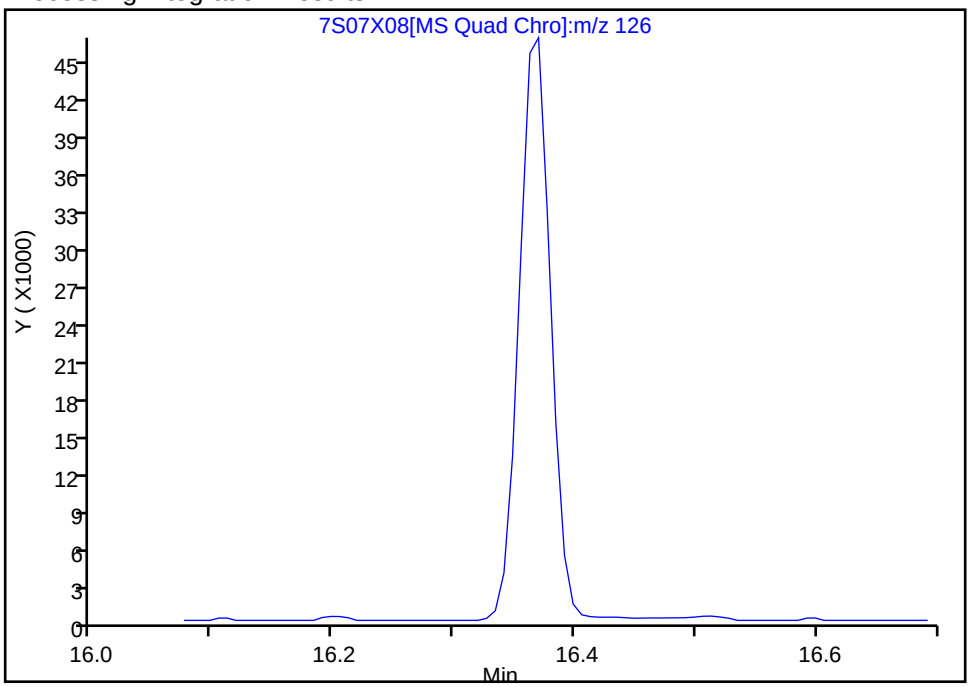
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 92 Benzyl chloride, CAS: 100-44-7

Signal: 1

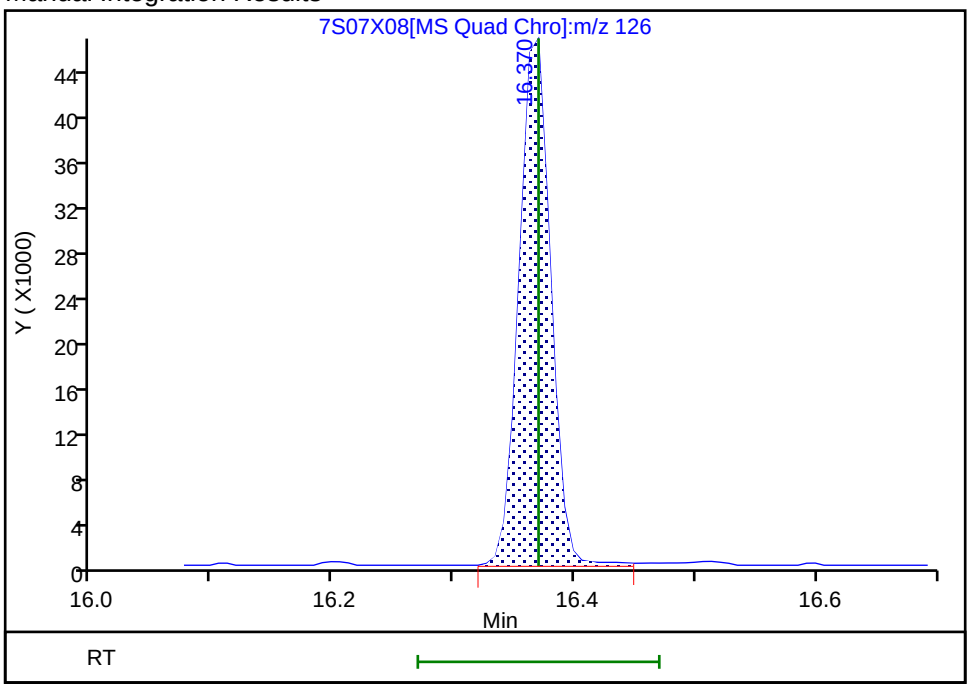
Not Detected
Expected RT: 16.37

Processing Integration Results




Manual Integration Results

RT: 16.37
Area: 84084
Amount: 4.646889
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

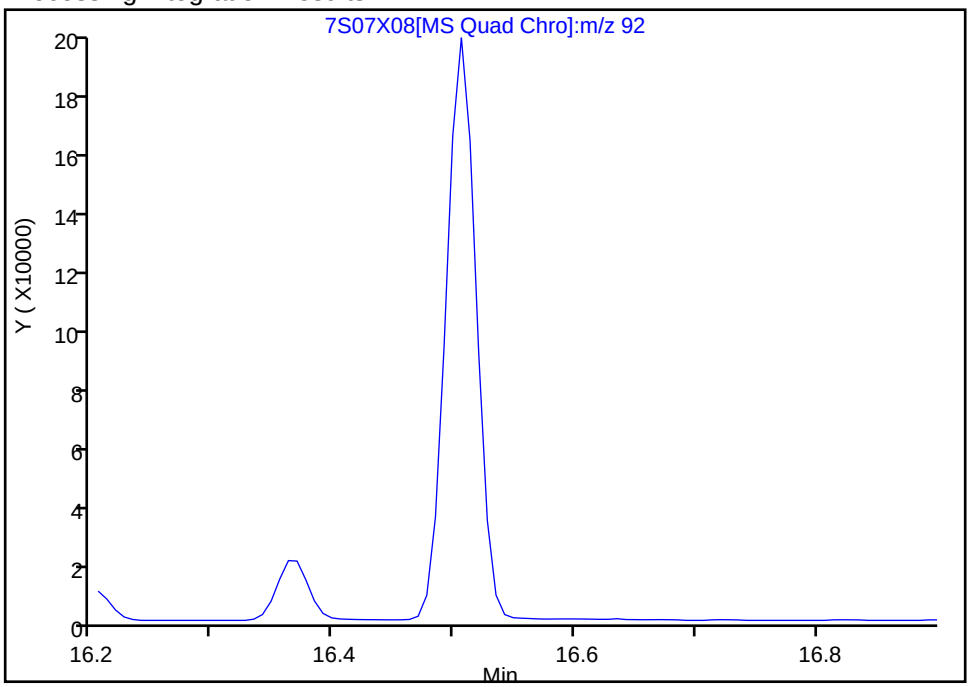
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 91 n-Butylbenzene, CAS: 104-51-8

Signal: 1

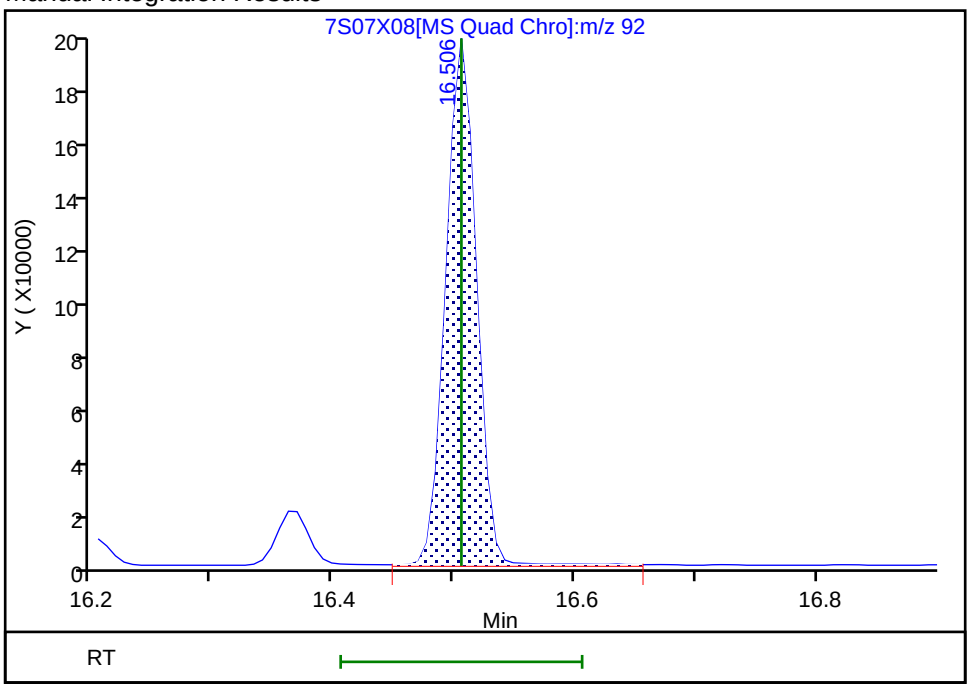
Not Detected
Expected RT: 16.51

Processing Integration Results




Manual Integration Results

RT: 16.51
Area: 349929
Amount: 4.926808
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

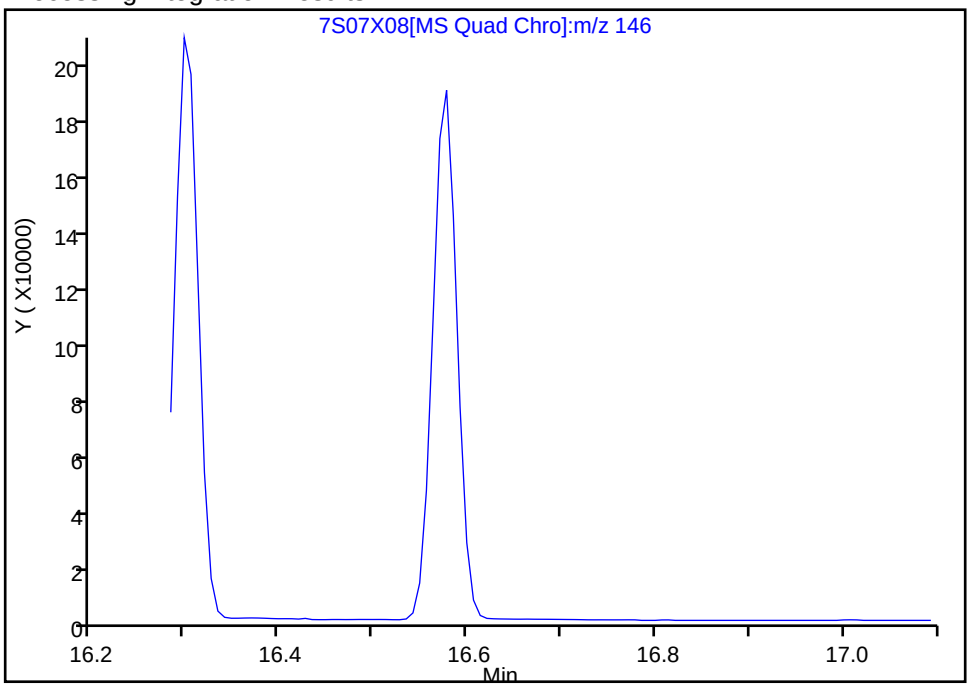
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 94 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

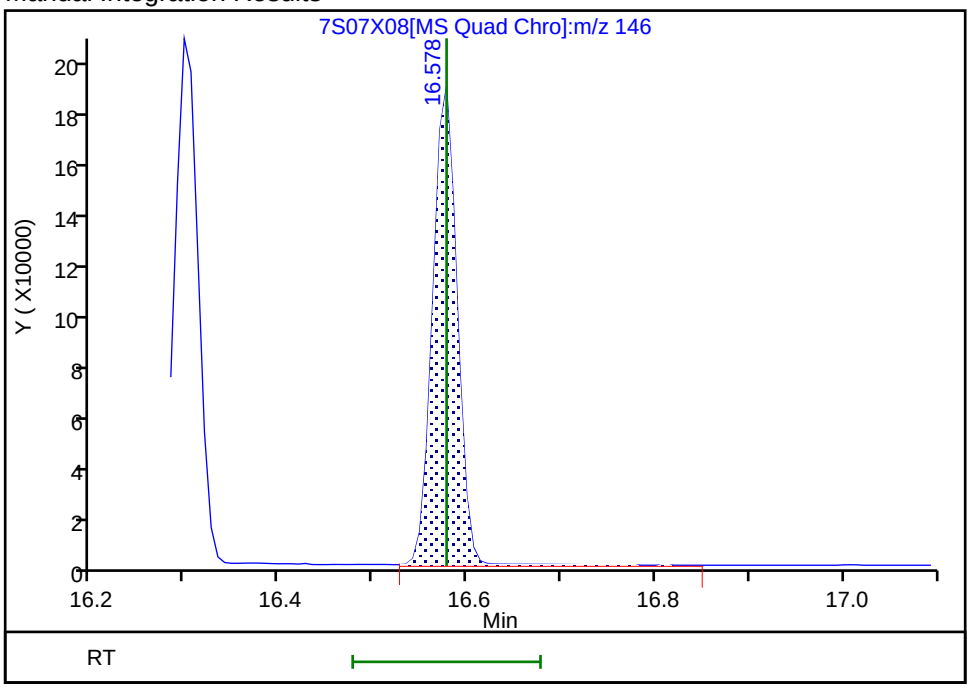
Not Detected
Expected RT: 16.58

Processing Integration Results




Manual Integration Results

RT: 16.58
Area: 345777
Amount: 4.874120
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:14:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

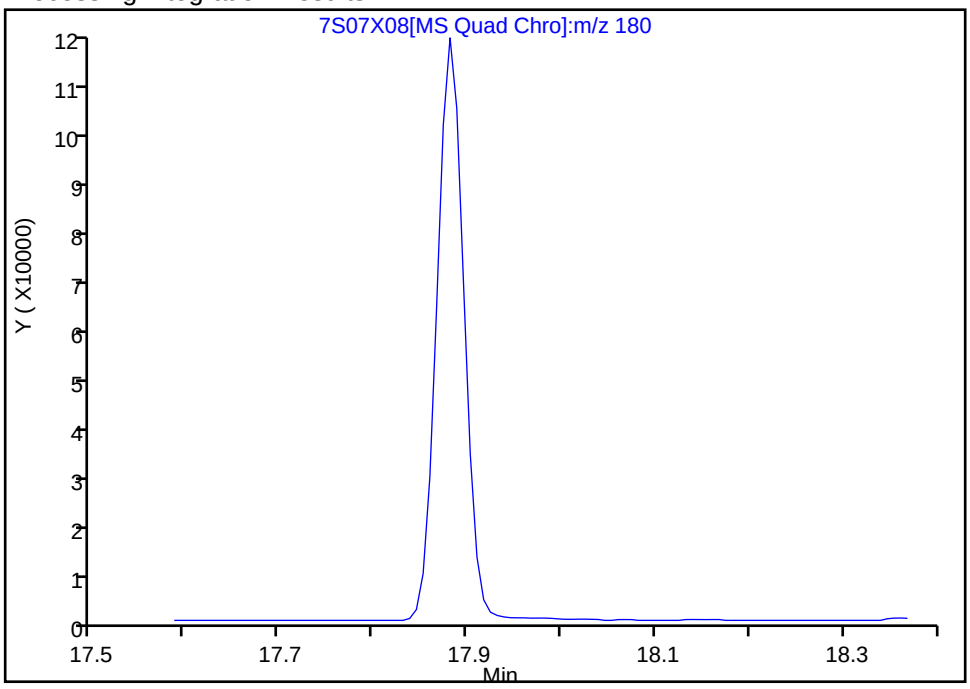
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 97 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

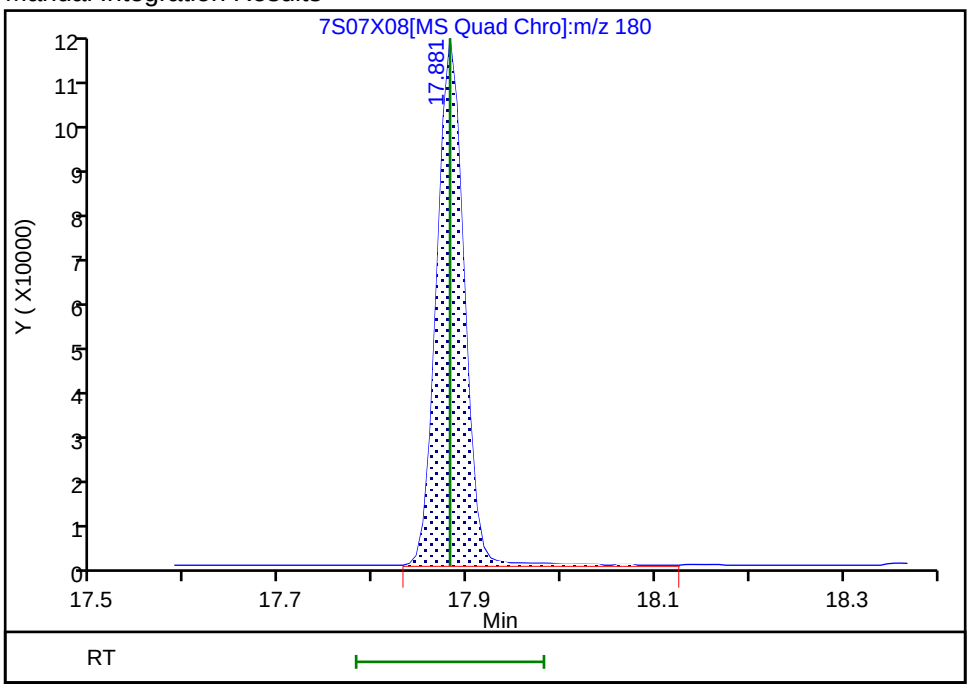
Not Detected
Expected RT: 17.88

Processing Integration Results




Manual Integration Results

RT: 17.88
Area: 239097
Amount: 4.994010
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:15:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

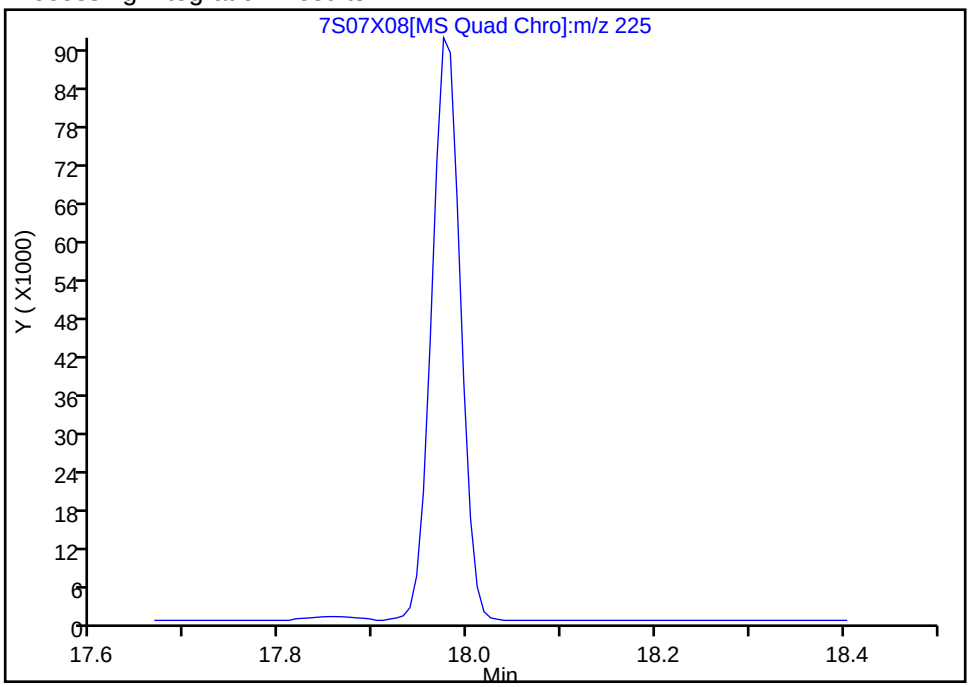
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 96 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

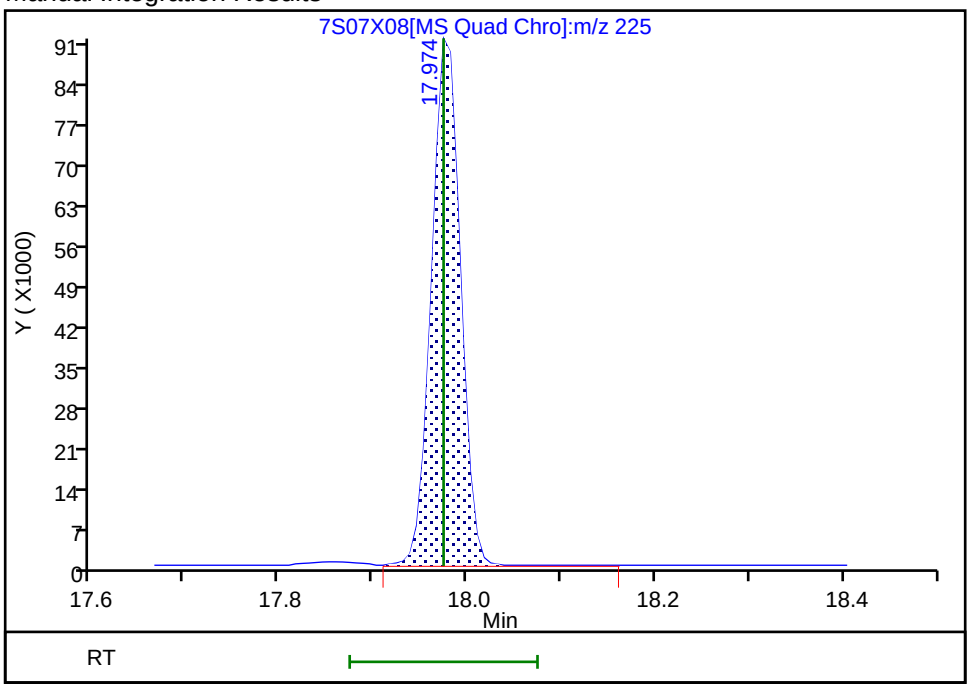
Not Detected
Expected RT: 17.97

Processing Integration Results




Manual Integration Results

RT: 17.97
Area: 196075
Amount: 4.548214
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 15:15:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

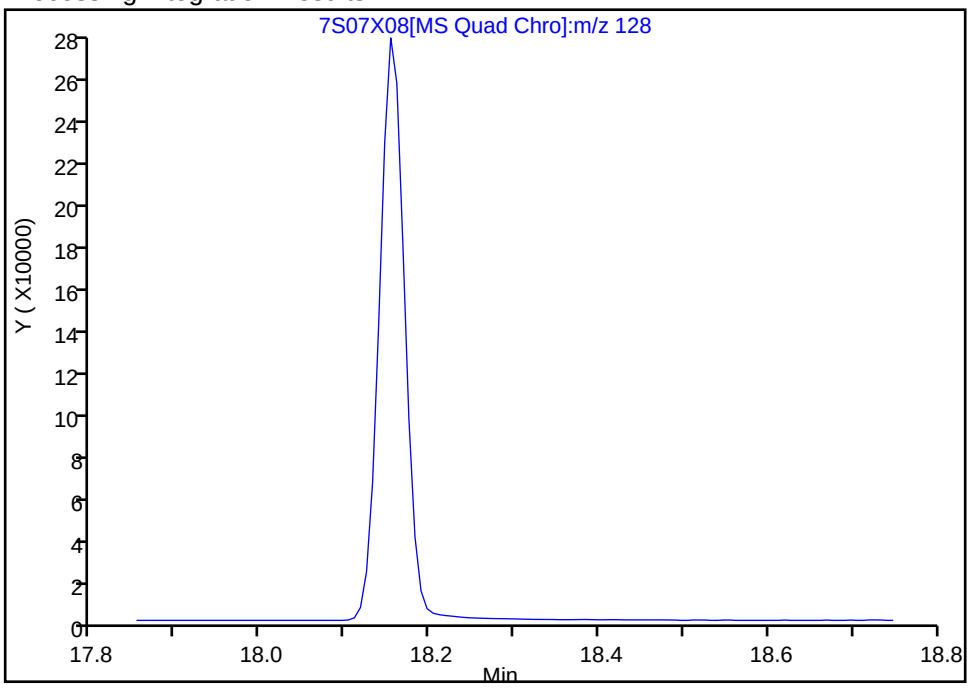
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D | | | | |
| Injection Date: | 08-Sep-2025 01:12:42 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICISAV Cal 5ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 98 Naphthalene, CAS: 91-20-3

Signal: 1

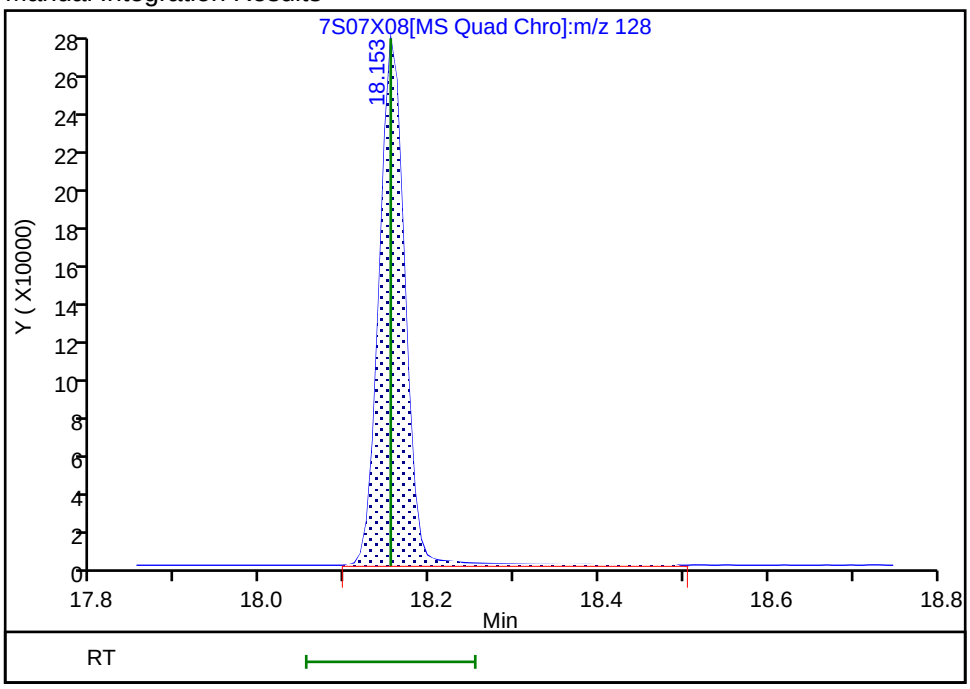
Not Detected
Expected RT: 18.15

Processing Integration Results




Manual Integration Results

RT: 18.15
Area: 579652
Amount: 5.096667
Amount Units: ppb v/v




Reviewer: D7UM, 08-Sep-2025 14:59:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
Lims ID: IC Cal 10ppb
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Sep-2025 01:42:50 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 10PPB
Misc. Info.: 410-0158855-009
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:49:53 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 08-Sep-2025 14:17:50

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.311 | 3.304 | 0.007 | 98 | 255298 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 88 | 793102 | 10.0 | 9.93 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 69 | 487315 | 10.0 | 10.8 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 792190 | 10.0 | 11.1 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 294301 | 10.0 | 10.3 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 475971 | 10.0 | 8.87 | Ma |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 79 | 323612 | 10.0 | 11.1 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 236482 | 10.0 | 10.5 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 211578 | 10.0 | 9.75 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 95 | 161709 | 10.0 | 9.20 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 270635 | 10.0 | 9.59 | |
| 13 Dichlorofluoromethane | 67 | 5.331 | 5.331 | 0.000 | 82 | 705307 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 86 | 751212 | 10.0 | 10.3 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 552806 | NC | NC | |
| 14 Ethanol | 45 | 5.654 | 5.661 | -0.007 | 54 | 79626 | NC | NC | M |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 94 | 131614 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.348 | 6.349 | -0.001 | 86 | 469393 | 10.0 | 9.54 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 88 | 366467 | 10.0 | 10.1 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 492575 | 10.0 | 9.48 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 86 | 378548 | 10.0 | 9.85 | |
| 18 Iodomethane | 142 | 6.606 | 6.606 | 0.000 | 98 | 596080 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 969194 | 10.0 | 9.31 | |
| 28 Acetonitrile | 41 | 6.828 | 6.829 | -0.001 | 98 | 304610 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 90 | 411677 | 10.0 | 8.59 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 251528 | 10.0 | 9.13 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 97 | 413207 | 11.4 | 13.0 | |
| 31 Acrylonitrile | 53 | 7.530 | 7.531 | -0.001 | 97 | 273353 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 90 | 797810 | 10.0 | 10.6 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.659 | 7.659 | 0.000 | 91 | 500792 | 10.0 | 9.57 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 96 | 247666 | 10.0 | 9.17 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 67097 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 85 | 580939 | 10.0 | 9.10 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 1145616 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 99 | 964870 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 154956 | 10.0 | 10.5 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.242 | 9.235 | 0.007 | 62 | 555041 | 10.0 | 9.35 | |
| 38 Ethyl acetate | 70 | 9.242 | 9.243 | 0.000 | 89 | 78295 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.328 | 9.321 | 0.007 | 70 | 599162 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 349612 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.636 | 9.636 | 0.000 | 90 | 389393 | 10.0 | 9.11 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 81 | 650077 | 10.0 | 9.09 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 91 | 601165 | 10.0 | 9.52 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 503855 | 10.0 | 10.1 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 70 | 593249 | 10.0 | 10.2 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 556910 | NC | NC | |
| 46 Benzene | 78 | 10.596 | 10.589 | 0.007 | 97 | 961768 | 10.0 | 8.94 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 86 | 451056 | 10.0 | 9.09 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 73 | 860801 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 92 | 1664662 | 10.0 | 10.1 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 96 | 328238 | 10.0 | 10.1 | |
| * 50 1,4-Difluorobenzene | 114 | 11.219 | 11.212 | 0.007 | 96 | 1331162 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 373158 | 10.0 | 8.71 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 98 | 733346 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 76 | 408839 | 10.0 | 9.13 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 351854 | 10.0 | 10.4 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 159520 | 10.0 | 11.0 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 79 | 329411 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 99 | 707370 | 10.0 | 9.02 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 89 | 594075 | 10.0 | 9.43 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 847197 | 10.0 | 10.2 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 90 | 1446841 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 92 | 1143487 | 10.0 | 9.16 | |
| 58 n-Octane | 43 | 13.239 | 13.240 | -0.001 | 89 | 881121 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 85 | 477201 | 10.0 | 9.53 | M |
| 63 Ethyl methacrylate | 69 | 13.368 | 13.368 | 0.000 | 86 | 588533 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.547 | 13.548 | -0.001 | 85 | 401473 | 10.0 | 9.57 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.662 | 0.007 | 92 | 469422 | 10.0 | 8.72 | |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 99 | 817952 | 10.0 | 10.8 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 510197 | 10.0 | 9.47 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 596420 | 10.0 | 9.48 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1212851 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 93 | 840068 | 10.0 | 8.88 | |
| 70 Ethylbenzene | 91 | 14.557 | 14.558 | -0.001 | 71 | 1450199 | 10.0 | 9.62 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.557 | 14.558 | -0.001 | 46 | 437022 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 2199908 | 20.0 | 19.7 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 92 | 1106625 | 10.0 | 9.95 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 834565 | 10.0 | 10.3 | |
| 75 Bromoform | 173 | 15.173 | 15.174 | -0.001 | 93 | 565795 | 10.0 | 9.70 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 97 | 1437792 | 10.0 | 10.3 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.481 | 15.482 | -0.001 | 71 | 906496 | 10.0 | 9.48 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 56 | 216419 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 85 | 449763 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 383701 | 10.0 | 10.1 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 1462828 | 10.0 | 10.5 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 90 | 350951 | 10.0 | 9.72 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.696 | 15.696 | 0.000 | 67 | 1187786 | 10.0 | 10.7 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 91 | 618924 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 76 | 1117209 | 10.0 | 10.1 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 97 | 1225681 | 10.0 | 10.4 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 1704659 | 10.0 | 10.1 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 93 | 1347751 | 10.0 | 10.1 | |
| 89 1,3-Dichlorobenzene | 146 | 16.226 | 16.227 | -0.001 | 95 | 761646 | 10.0 | 9.76 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 760457 | 10.0 | 9.68 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 82 | 183971 | 10.0 | 9.98 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 750228 | 10.0 | 10.4 | |
| 94 1,2-Dichlorobenzene | 146 | 16.577 | 16.578 | -0.001 | 94 | 704149 | 10.0 | 9.75 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 92 | 401831 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 76 | 352562 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 91 | 500941 | 10.0 | 10.3 | |
| 96 Hexachlorobutadiene | 225 | 17.981 | 17.974 | 0.007 | 89 | 404122 | 10.0 | 9.21 | |
| 98 Naphthalene | 128 | 18.153 | 18.153 | 0.000 | 98 | 1259545 | 10.0 | 10.9 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 1055833 | 20.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 20.0 | 19.0 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 3306533 | 30.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00619 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:49:58 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D

Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004

Lims ID: IC Cal 10ppb

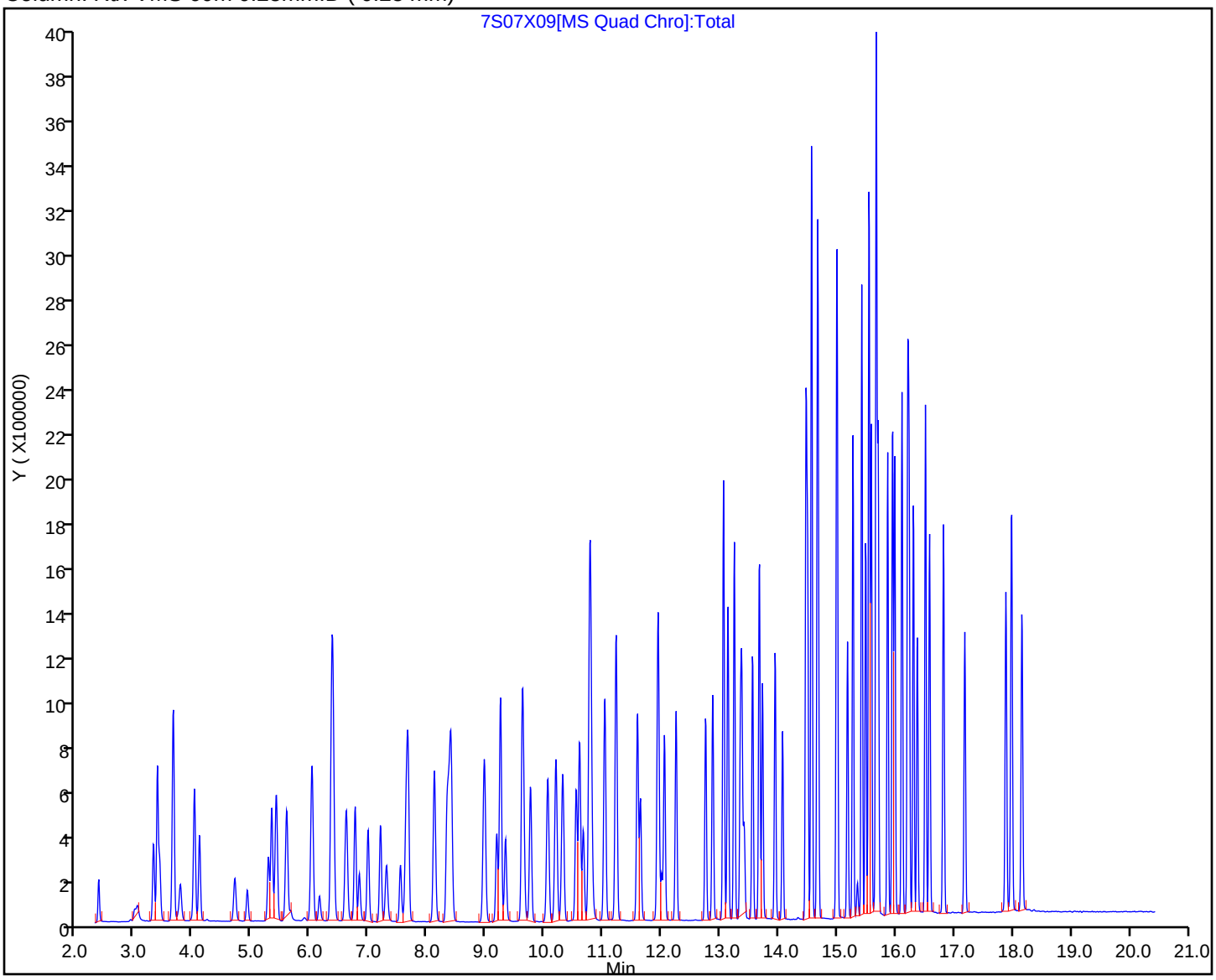
Client ID:

Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

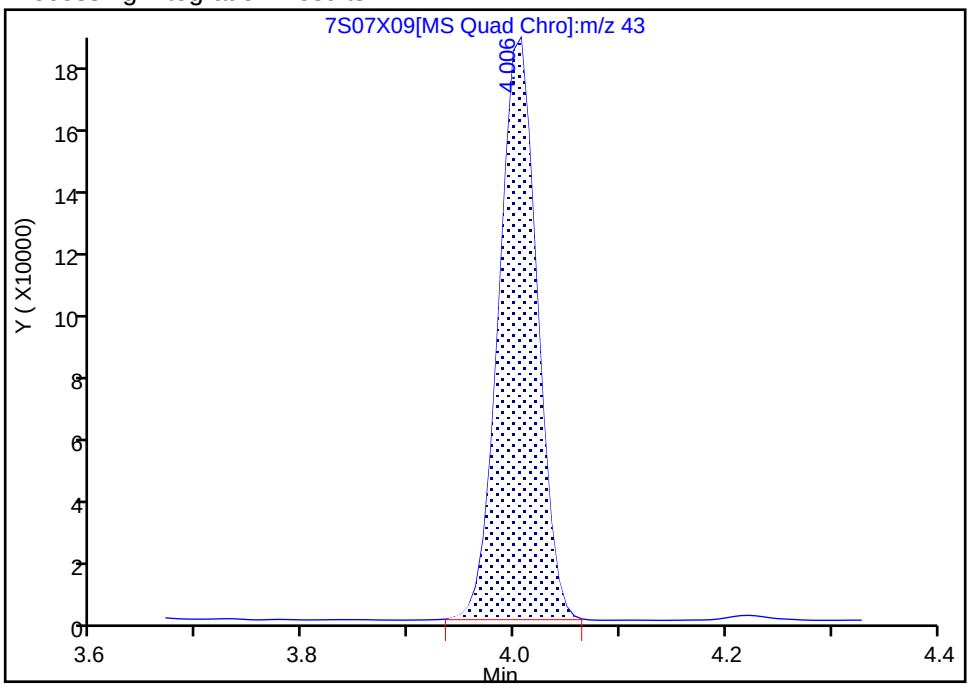
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

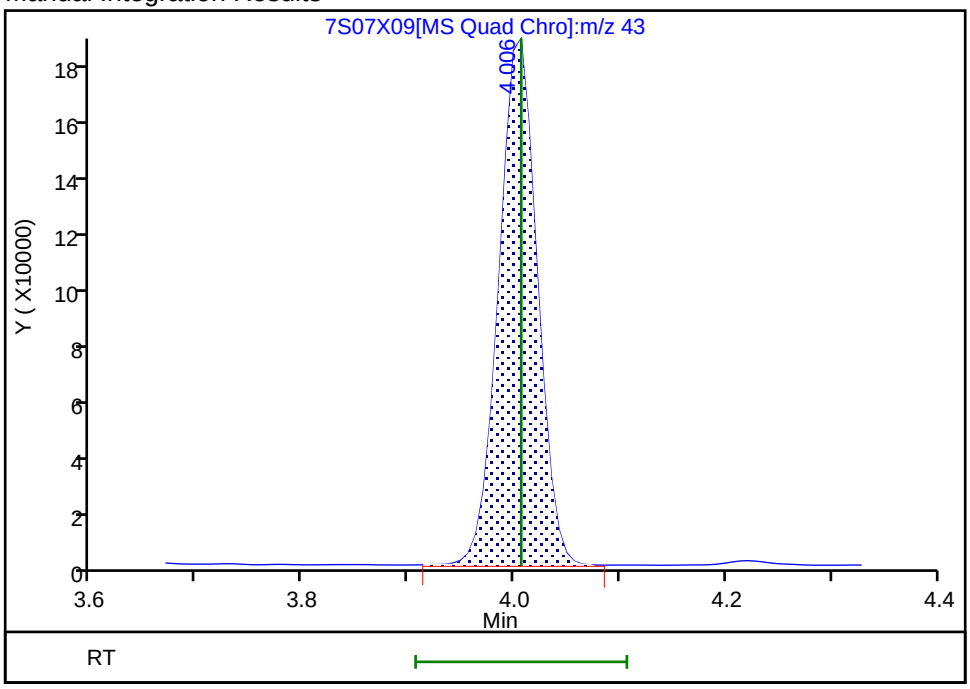
Processing Integration Results

RT: 4.01
Area: 472478
Amount: 8.491517
Amount Units: ppb v/v




Manual Integration Results

RT: 4.01
Area: 475971
Amount: 8.866864
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

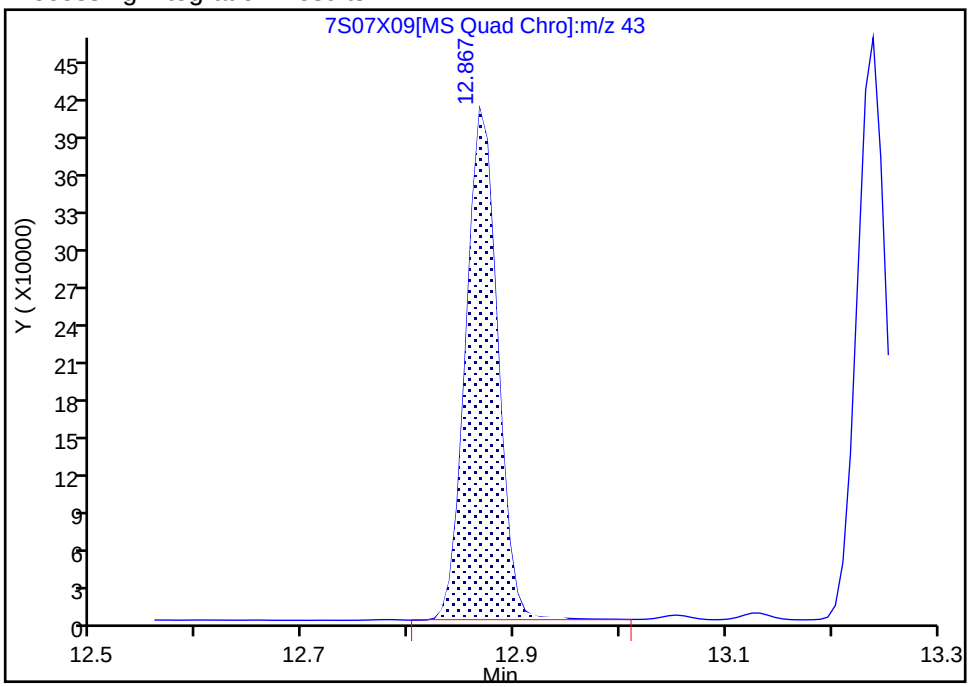
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

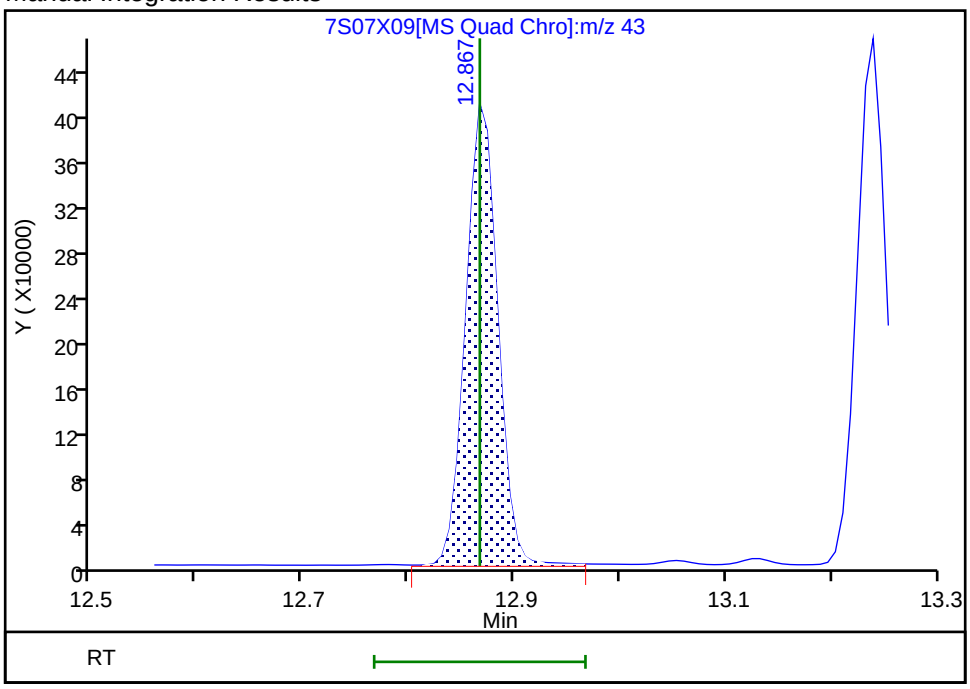
Processing Integration Results

RT: 12.87
Area: 849632
Amount: 10.245285
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 847197
Amount: 10.220343
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

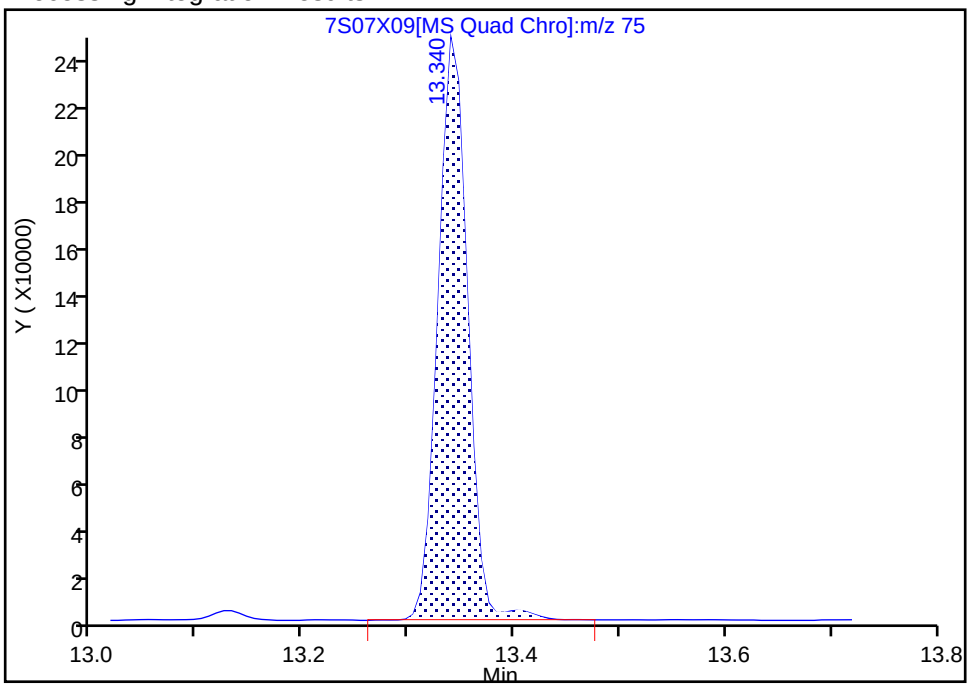
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

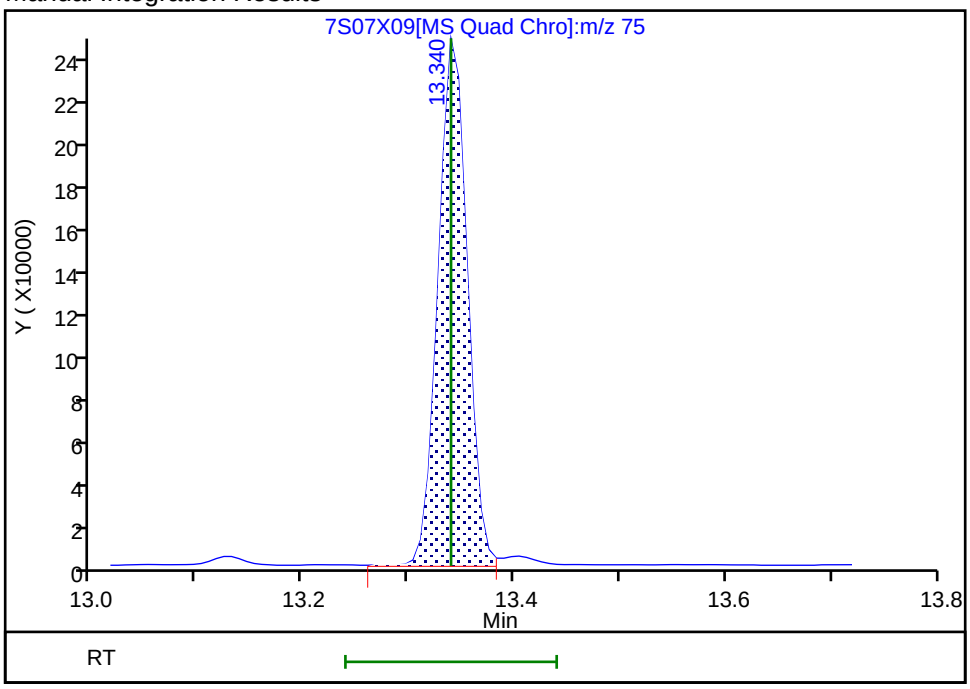
Processing Integration Results

RT: 13.34
Area: 487477
Amount: 9.652480
Amount Units: ppb v/v




Manual Integration Results

RT: 13.34
Area: 477201
Amount: 9.529662
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:19:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

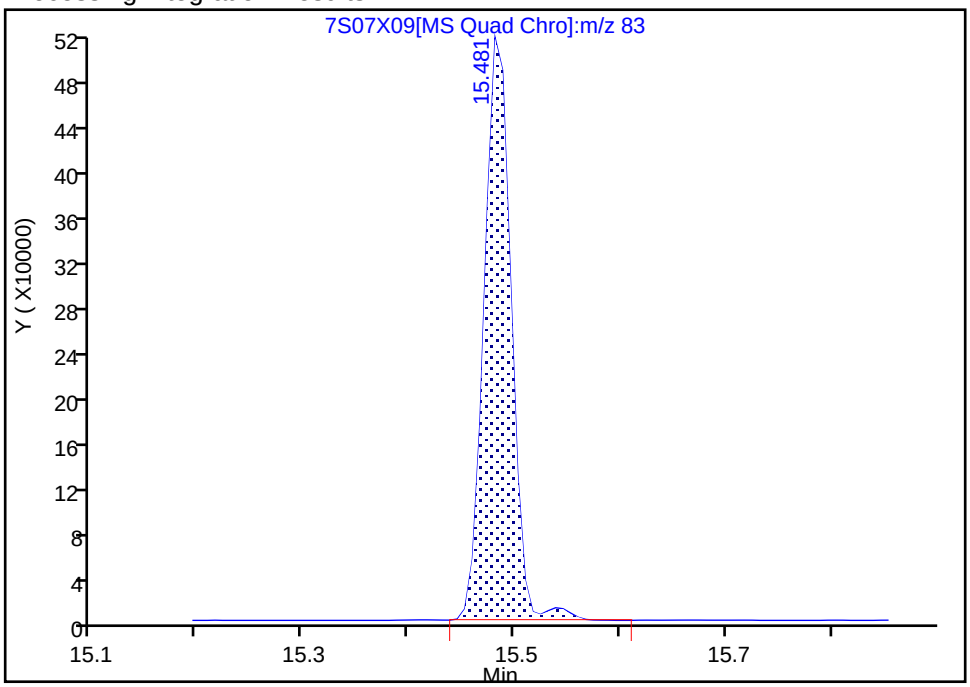
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

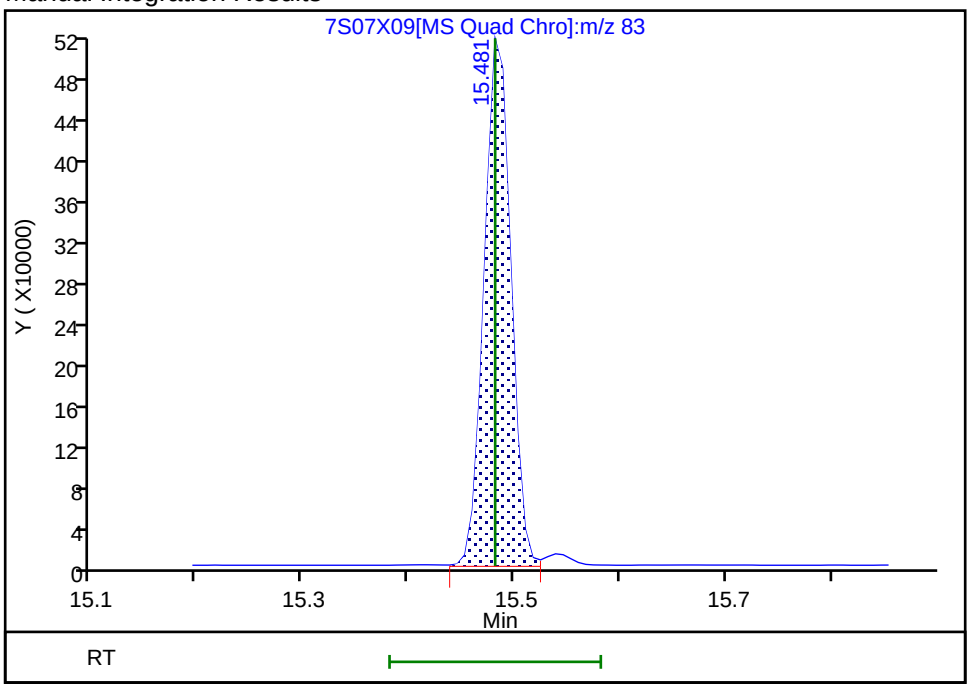
Processing Integration Results

RT: 15.48
Area: 925212
Amount: 9.557377
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 906496
Amount: 9.481261
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

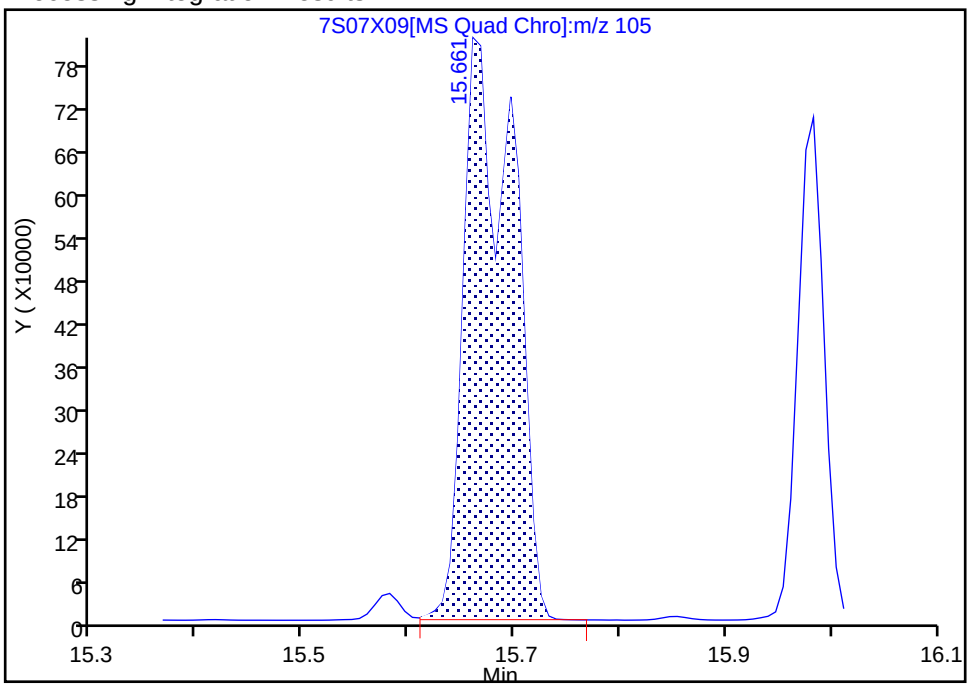
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

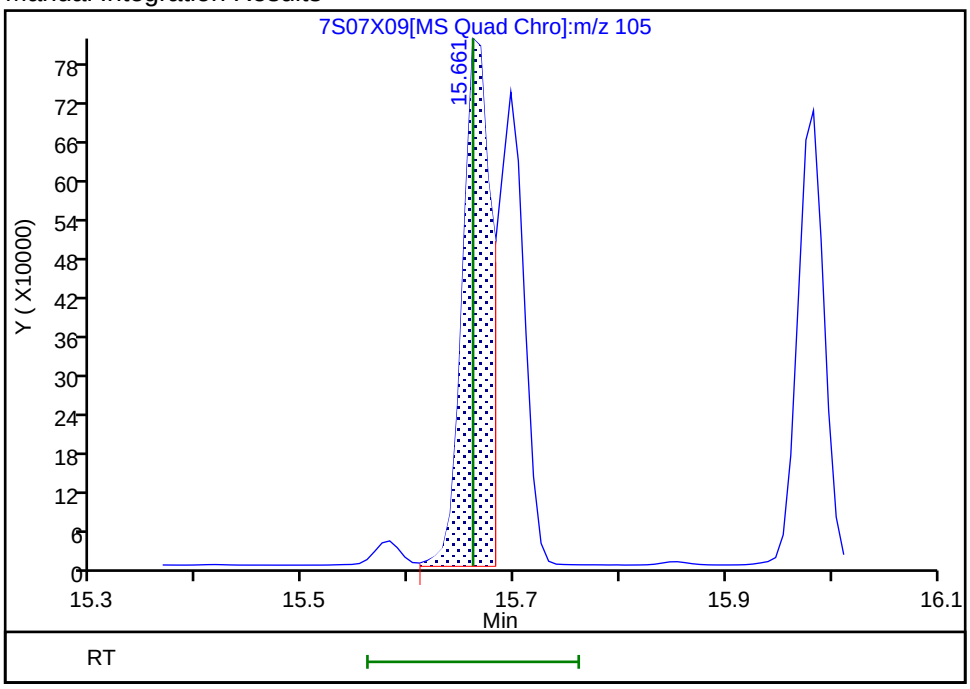
Processing Integration Results

RT: 15.66
Area: 2650615
Amount: 13.967813
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 1462828
Amount: 10.512999
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

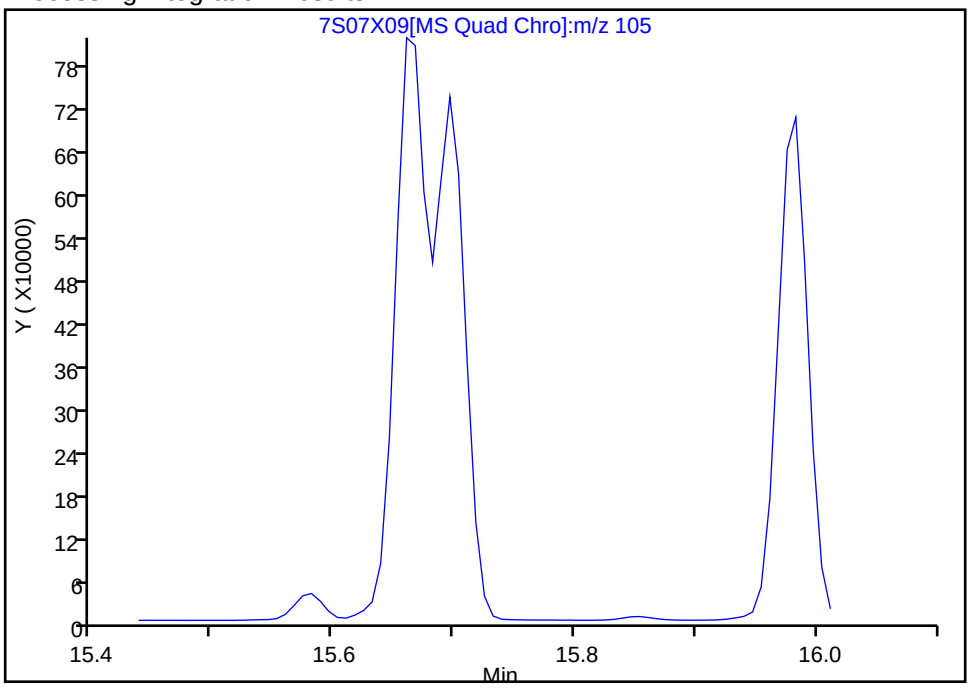
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

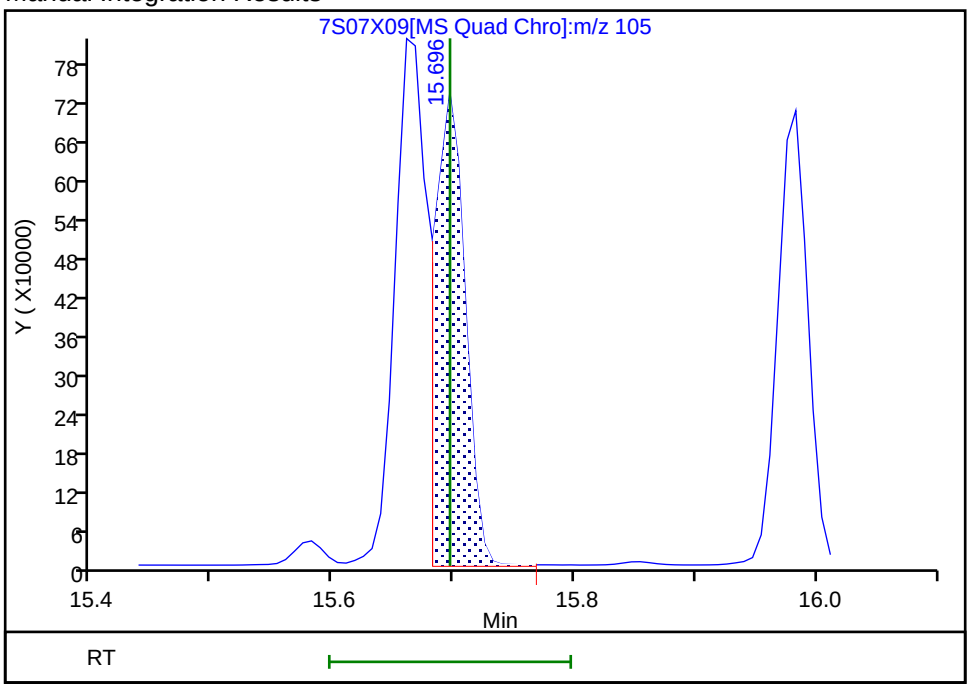
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 1187786
Amount: 10.663213
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:35:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

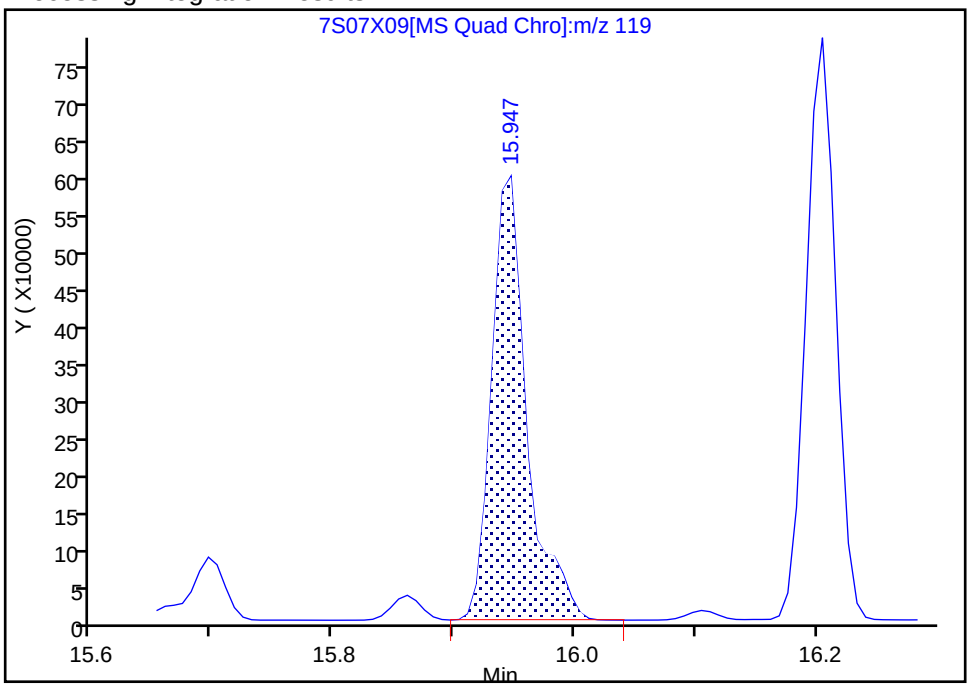
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D | | | | |
| Injection Date: | 08-Sep-2025 01:42:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 10ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 2 | Worklist Smp#: | 9 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

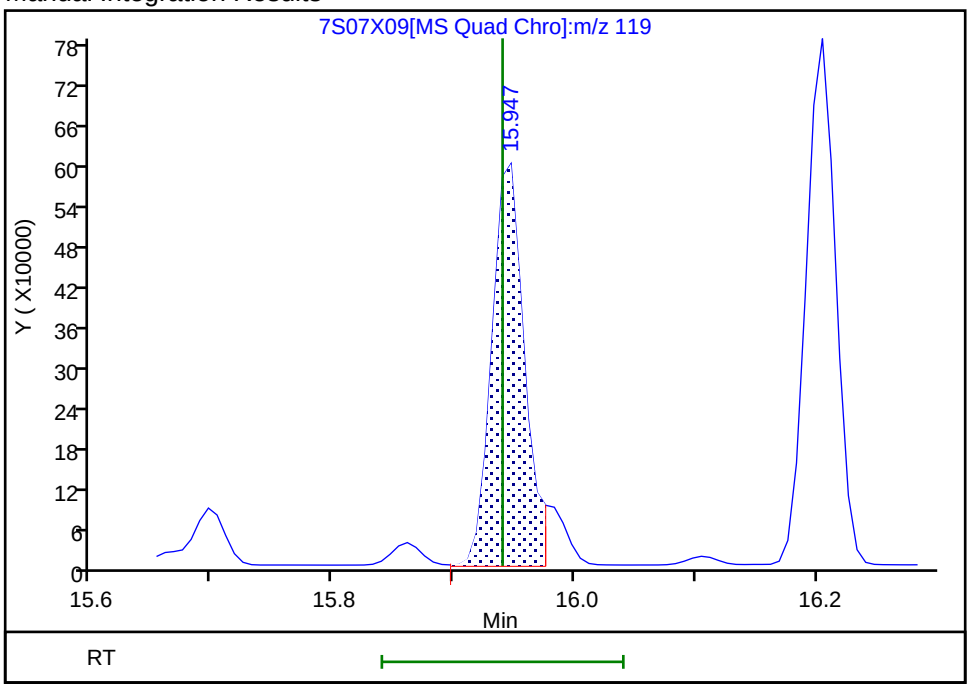
Processing Integration Results

RT: 15.95
Area: 1221343
Amount: 10.318776
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 1117209
Amount: 10.067356
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:18:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Lims ID: IC Cal 25ppb
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Sep-2025 02:10:50 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 25PPB
Misc. Info.: 410-0158855-010
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:50:02 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: JXC9 Date: 09-Sep-2025 19:40:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 622262 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 1946334 | 25.0 | 24.3 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 79 | 1204988 | 25.0 | 26.6 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 1938379 | 25.0 | 27.2 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 714327 | 25.0 | 24.9 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 100 | 1198695 | 25.0 | 22.2 | a |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 75 | 792621 | 25.0 | 27.1 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 95 | 601024 | 25.0 | 26.5 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 553370 | 25.0 | 25.4 | |
| 9 Chloroethane | 64 | 4.909 | 4.909 | 0.000 | 94 | 397395 | 25.0 | 22.5 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 99 | 685579 | 25.0 | 24.2 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 83 | 1769206 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 88 | 1859281 | 25.0 | 25.5 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 97 | 1424901 | NC | NC | |
| 14 Ethanol | 45 | 5.647 | 5.661 | -0.014 | 98 | 189979 | NC | NC | M |
| 19 Acrolein | 56 | 6.141 | 6.148 | -0.007 | 95 | 351641 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 1176908 | 25.0 | 23.8 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 84 | 881794 | 25.0 | 24.2 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 1242831 | 25.0 | 23.8 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 98 | 945866 | 25.0 | 24.5 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 99 | 1645455 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 98 | 2365895 | 25.0 | 22.6 | |
| 28 Acetonitrile | 41 | 6.821 | 6.829 | -0.008 | 99 | 760857 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 1073339 | 25.0 | 22.3 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 627364 | 25.0 | 22.7 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 60 | 1052192 | 28.5 | 32.9 | |
| 31 Acrylonitrile | 53 | 7.523 | 7.531 | -0.008 | 96 | 693773 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 92 | 2036423 | 25.0 | 26.9 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 91 | 1262578 | 25.0 | 24.0 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 95 | 639609 | 25.0 | 23.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.319 | 8.326 | -0.007 | 97 | 183756 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 1478406 | 25.0 | 23.1 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 96 | 2937857 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 99 | 2497128 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.171 | 9.178 | -0.007 | 99 | 404009 | 25.0 | 27.3 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 62 | 1422896 | 25.0 | 23.9 | |
| 38 Ethyl acetate | 70 | 9.235 | 9.243 | -0.007 | 89 | 209126 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 90 | 1594554 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 90 | 350892 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.629 | 9.636 | -0.007 | 90 | 1013064 | 25.0 | 23.6 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 82 | 1656749 | 25.0 | 23.1 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 92 | 1532653 | 25.0 | 24.2 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 94 | 1303042 | 25.0 | 26.0 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 88 | 1541499 | 25.0 | 26.3 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 555246 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 93 | 2461683 | 25.0 | 22.7 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 91 | 1150575 | 25.0 | 23.0 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 72 | 2269713 | NC | NC | |
| 44 Isooctane | 57 | 10.775 | 10.775 | 0.000 | 93 | 4286430 | 25.0 | 25.8 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 96 | 870170 | 25.0 | 26.5 | |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 1343477 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.578 | 11.585 | -0.007 | 91 | 963134 | 25.0 | 22.3 | |
| 52 Ethyl acrylate | 55 | 11.628 | 11.635 | -0.007 | 99 | 1987084 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 71 | 1060180 | 25.0 | 23.5 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 90 | 953897 | 25.0 | 27.8 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 406951 | 25.0 | 27.7 | M |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 852261 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 1834486 | 25.0 | 23.2 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 91 | 1599668 | 25.0 | 25.2 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 2235001 | 25.0 | 26.7 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1455165 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 2986593 | 25.0 | 23.7 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 89 | 2371532 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 1296442 | 25.0 | 25.6 | |
| 63 Ethyl methacrylate | 69 | 13.361 | 13.368 | -0.007 | 88 | 1593053 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 1037272 | 25.0 | 24.5 | |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 85 | 1246936 | 25.0 | 22.9 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 99 | 2155733 | 25.0 | 28.0 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 89 | 1367585 | 25.0 | 25.1 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 1599340 | 25.0 | 25.2 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.000 | 88 | 1225987 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 2243671 | 25.0 | 23.5 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 3890799 | 25.0 | 25.5 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 56 | 1174669 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 6015080 | 50.0 | 53.2 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 3051526 | 25.0 | 27.1 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 91 | 2313198 | 25.0 | 28.3 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 94 | 1589127 | 25.0 | 26.9 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 96 | 3940900 | 25.0 | 28.0 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 91 | 2471808 | 25.0 | 25.6 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 56 | 579472 | NC | NC | |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 85 | 1230184 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 99 | 1070830 | 25.0 | 28.0 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 4176281 | 25.0 | 29.7 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 89 | 963004 | 25.0 | 26.4 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 66 | 3218474 | 25.0 | 28.6 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 1845973 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 76 | 3153350 | 25.0 | 28.1 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 3462380 | 25.0 | 29.1 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 4839054 | 25.0 | 28.4 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 3907050 | 25.0 | 28.8 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 96 | 2185648 | 25.0 | 27.7 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 2215777 | 25.0 | 27.9 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 82 | 569604 | 25.0 | 30.6 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 2207406 | 25.0 | 30.2 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 95 | 2071349 | 25.0 | 28.4 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 94 | 1400422 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 78 | 1050220 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 1523588 | 25.0 | 30.9 | |
| 96 Hexachlorobutadiene | 225 | 17.974 | 17.974 | 0.000 | 84 | 1252156 | 25.0 | 28.2 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 3686814 | 25.0 | 31.5 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 2685474 | 50.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 50.0 | 50.8 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 9066606 | 75.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL50.0_00191 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:50:06 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D

Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004

Lims ID: IC Cal 25ppb

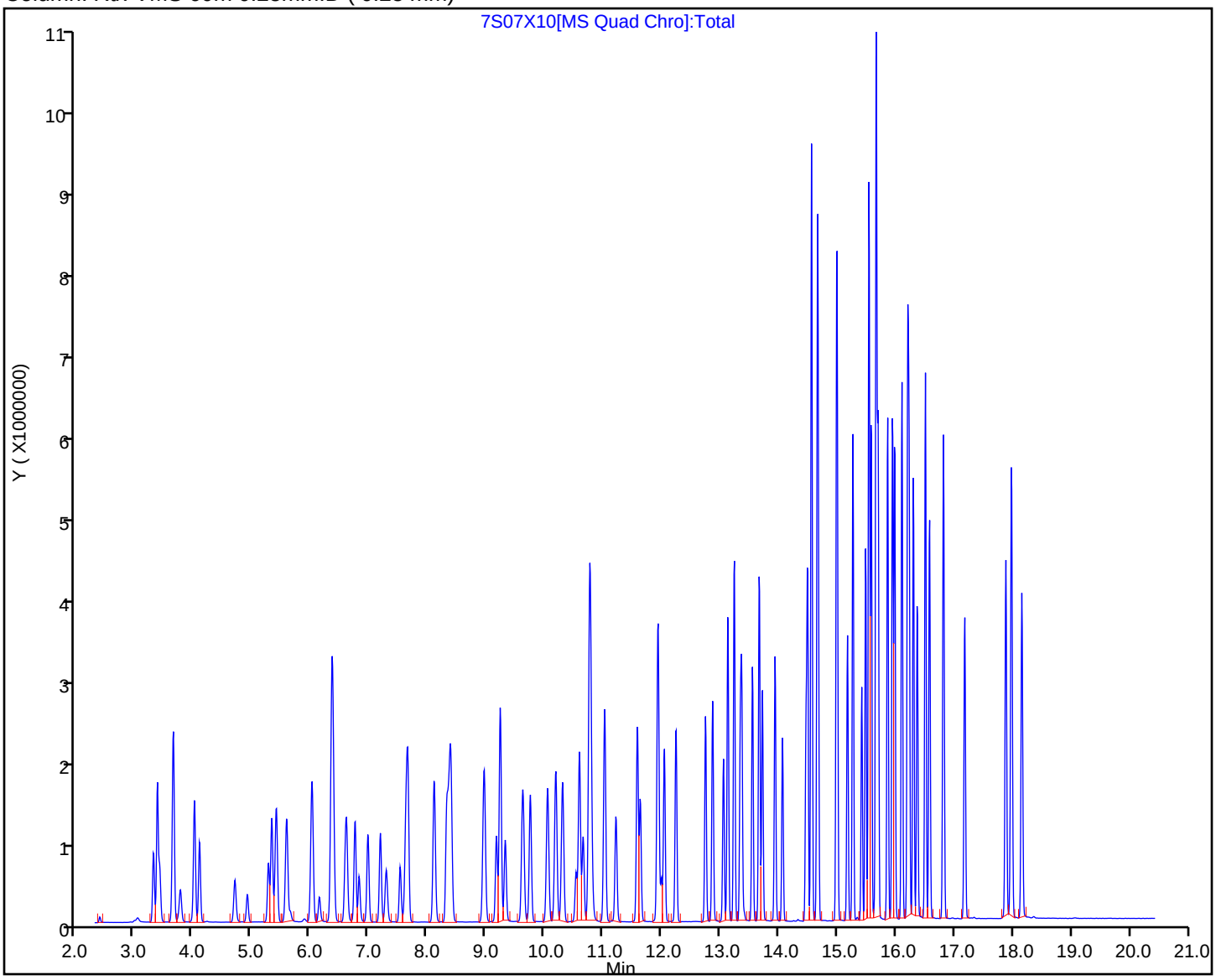
Client ID:

Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

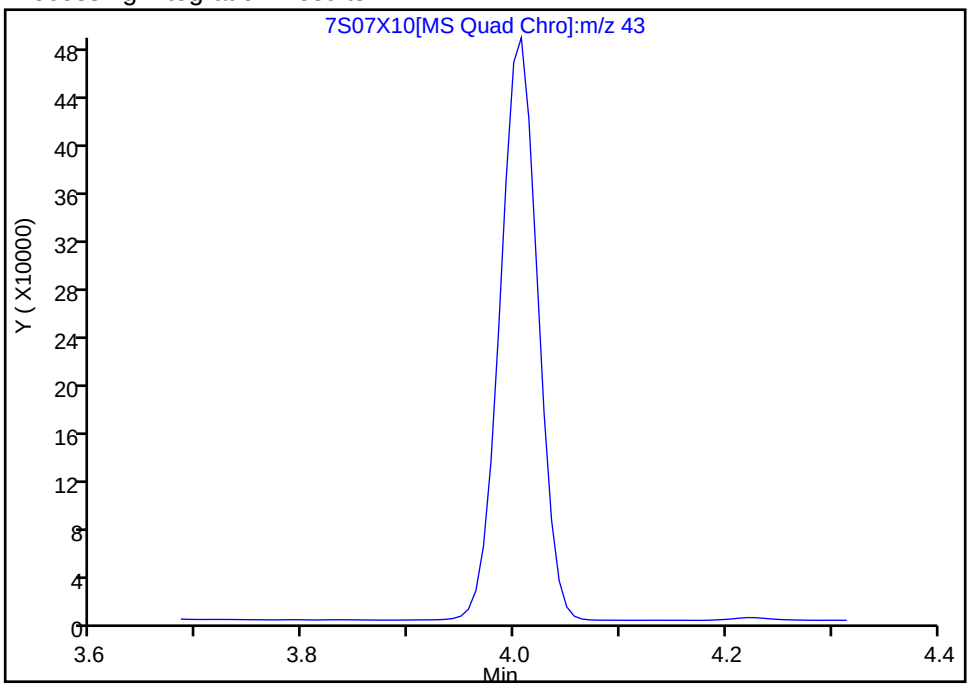
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

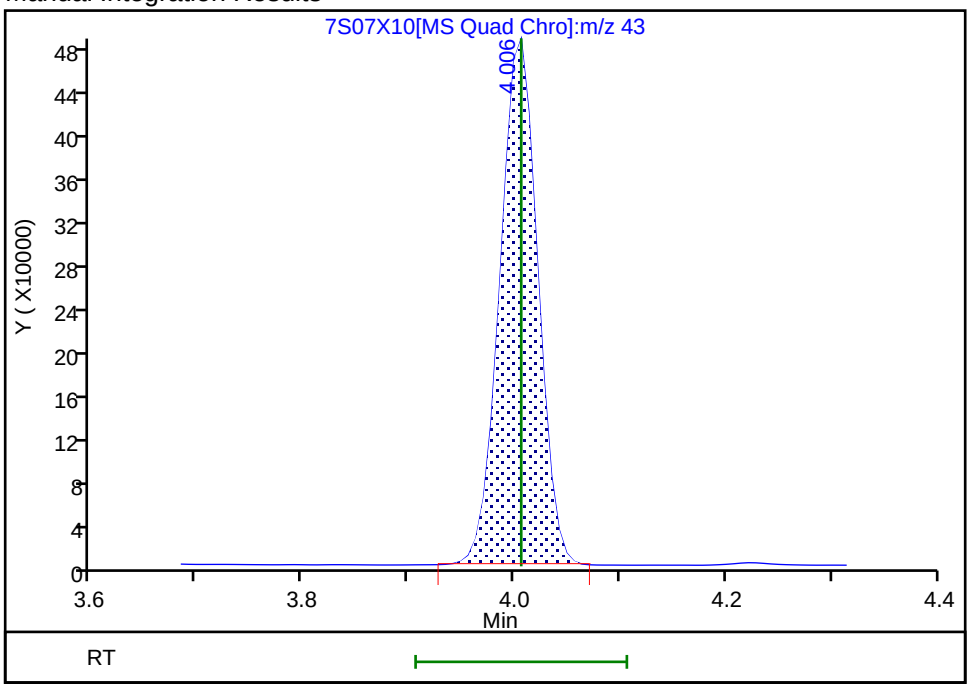
Processing Integration Results

Not Detected
Expected RT: 4.01




Manual Integration Results

RT: 4.01
Area: 1198695
Amount: 22.249030
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

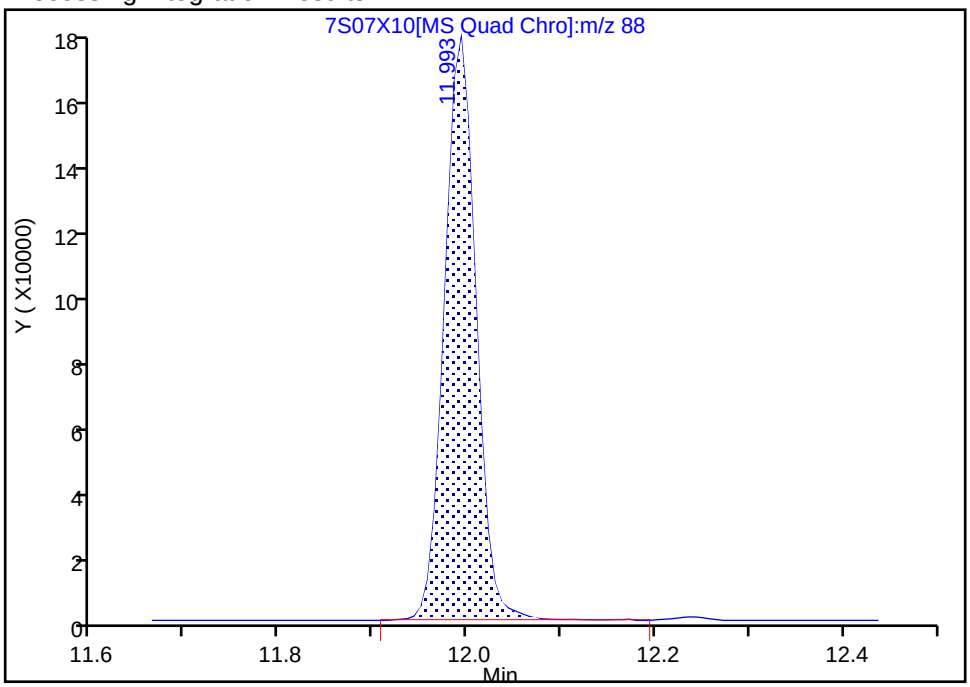
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

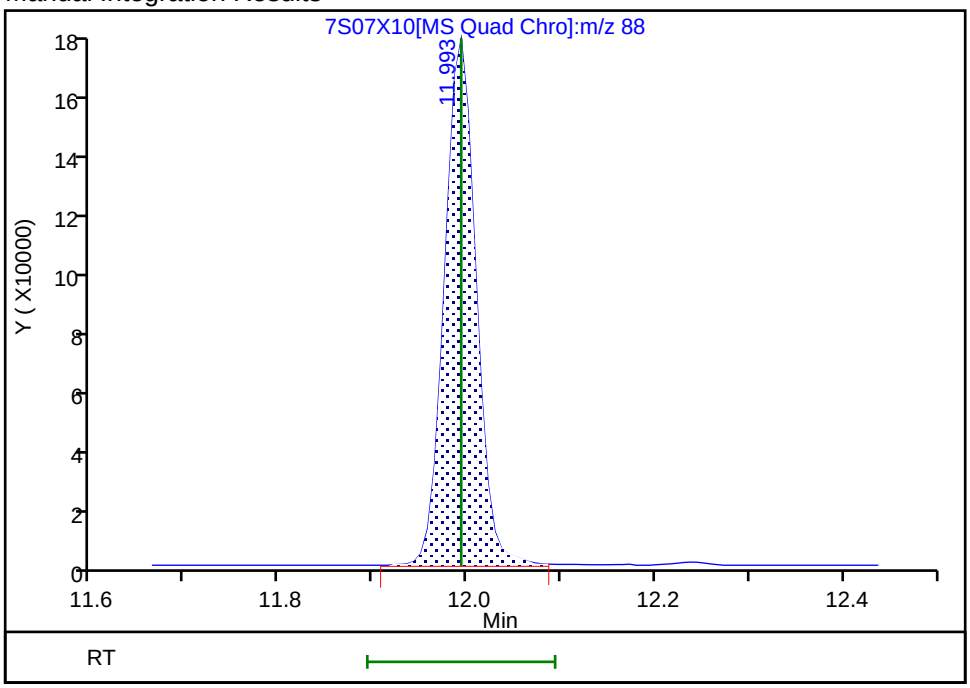
Processing Integration Results

RT: 11.99
Area: 408257
Amount: 27.795212
Amount Units: ppb v/v




Manual Integration Results

RT: 11.99
Area: 406951
Amount: 27.724699
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

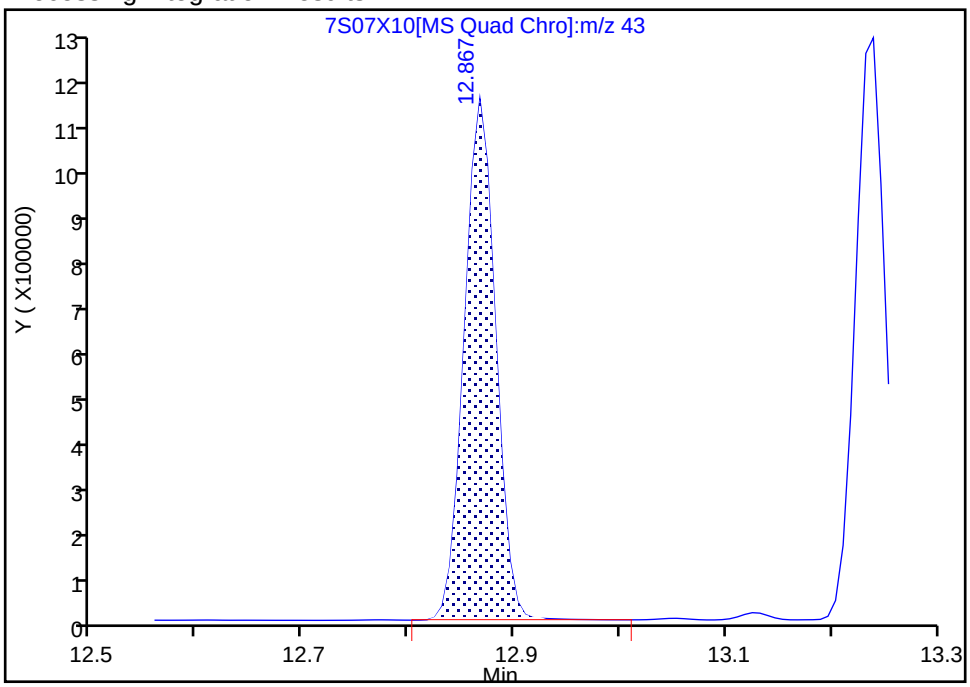
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

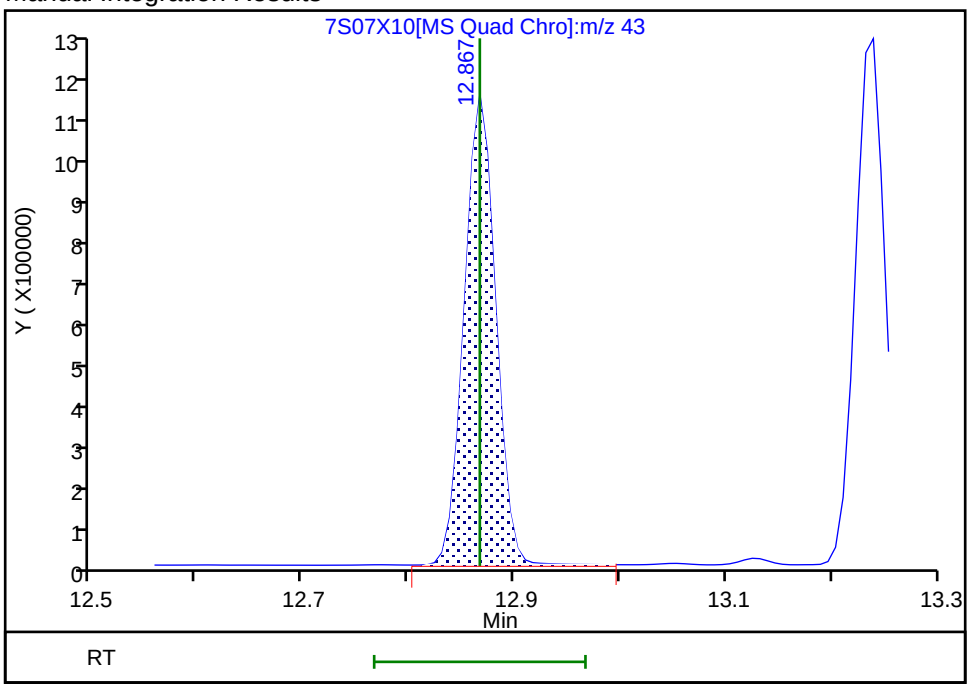
Processing Integration Results

RT: 12.87
Area: 2236011
Amount: 26.724496
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 2235001
Amount: 26.715262
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:04:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

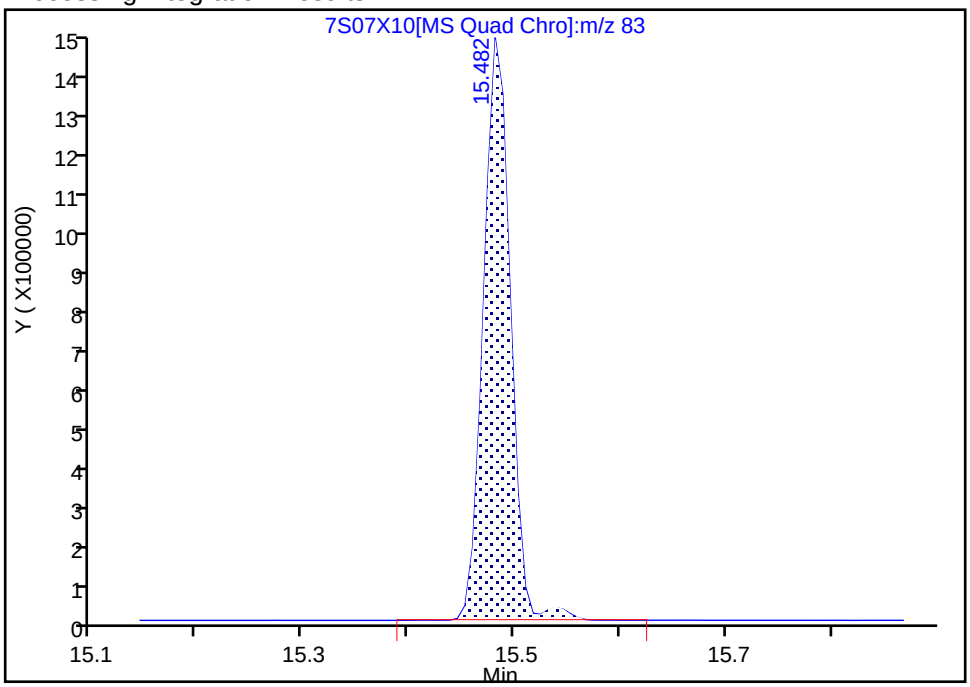
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

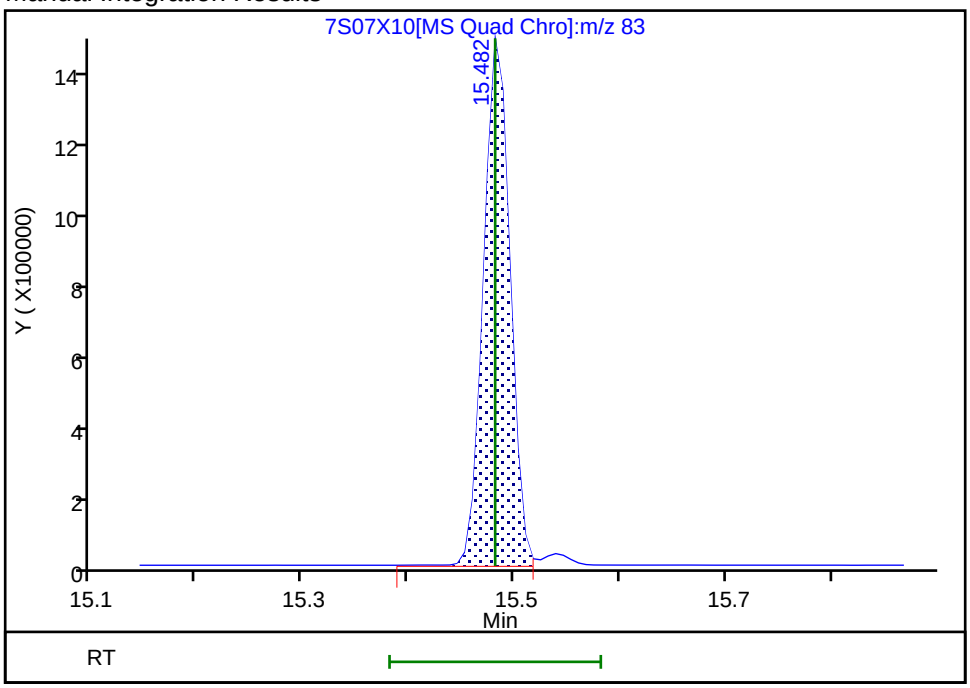
Processing Integration Results

RT: 15.48
Area: 2529727
Amount: 25.907569
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 2471808
Amount: 25.576230
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:39:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

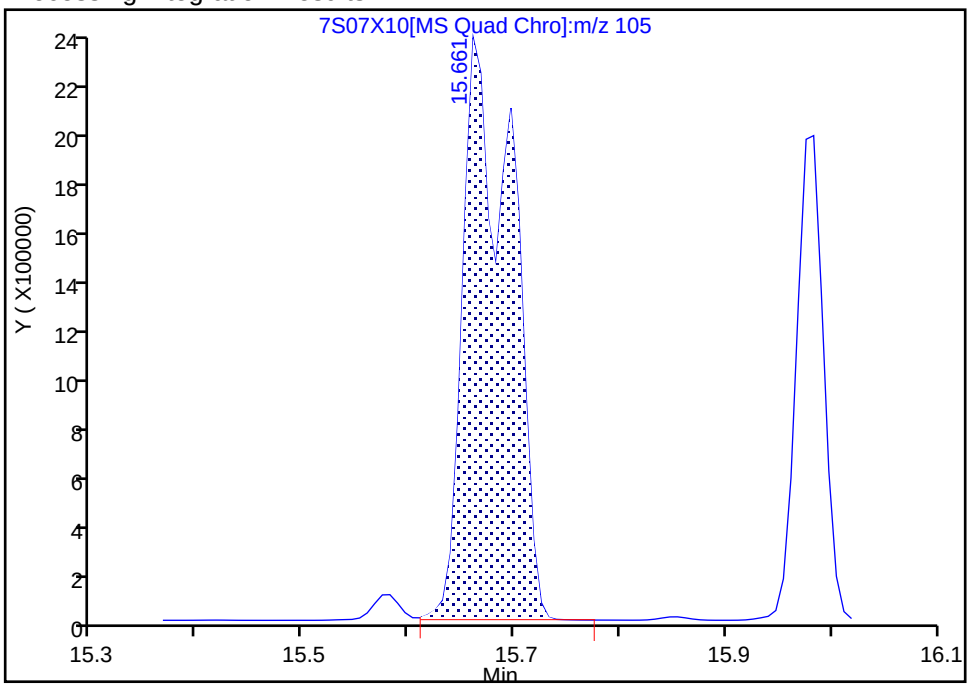
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

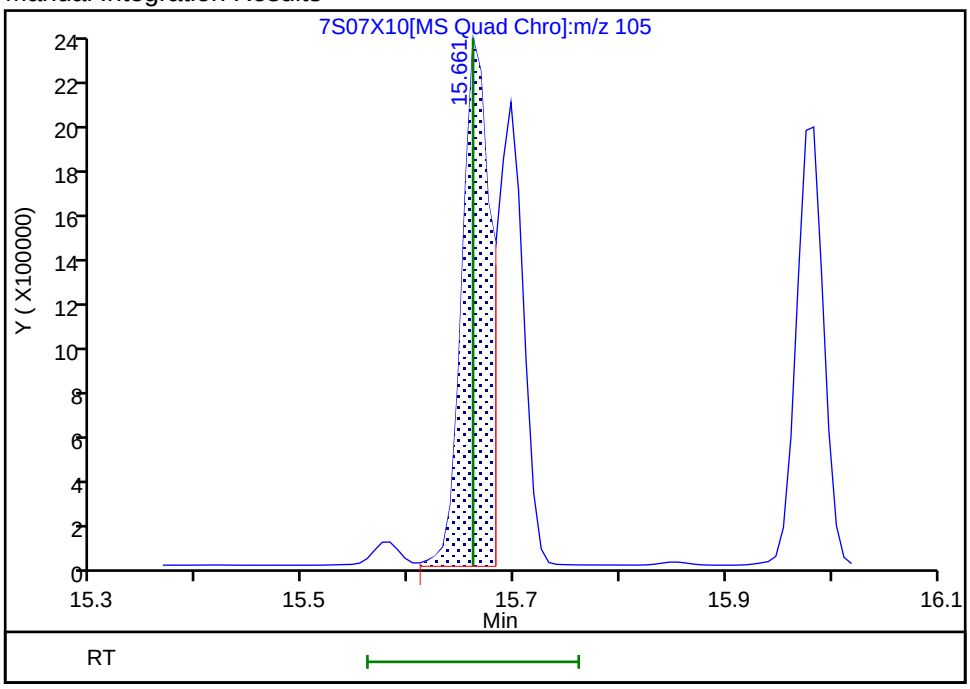
Processing Integration Results

RT: 15.66
Area: 7394755
Amount: 41.431692
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 4176281
Amount: 29.692356
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:40:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

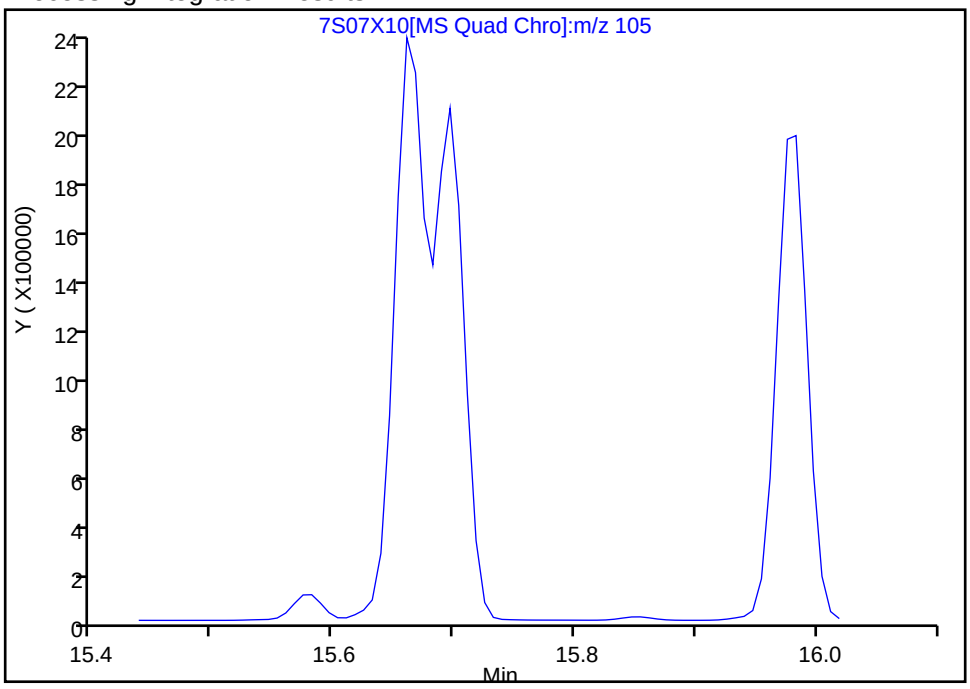
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

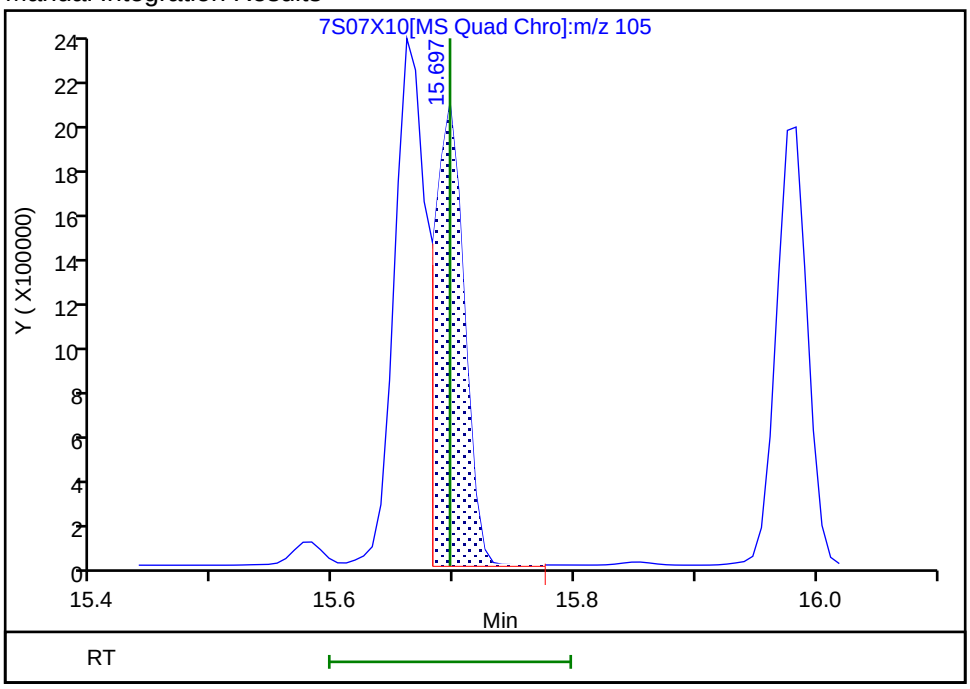
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 3218474
Amount: 28.583898
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:40:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

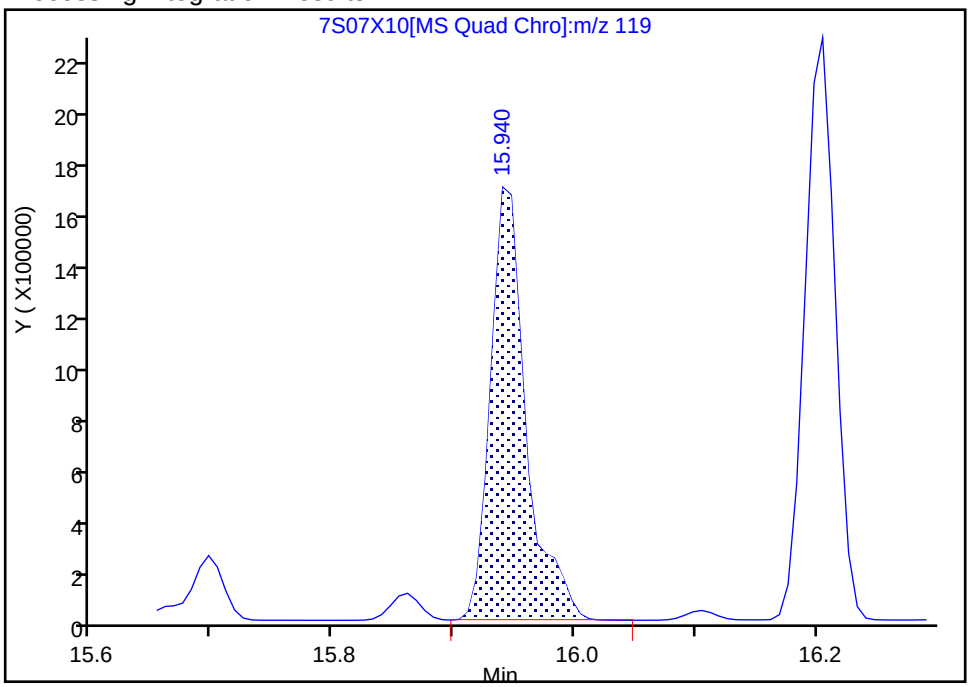
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D | | | | |
| Injection Date: | 08-Sep-2025 02:10:50 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 25ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 10 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

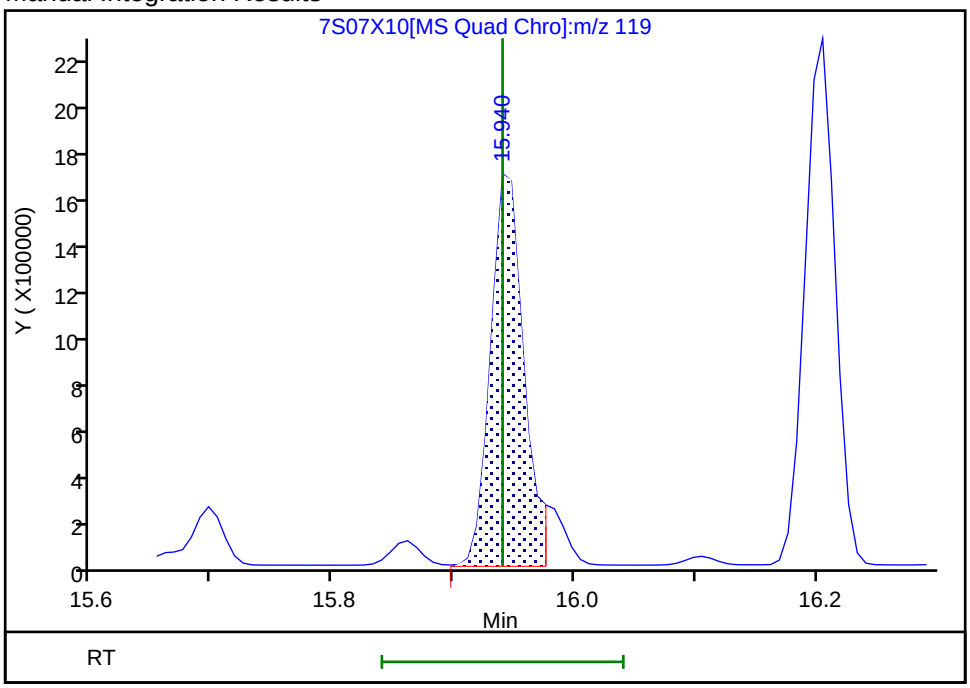
Processing Integration Results

RT: 15.94
Area: 3430745
Amount: 28.382343
Amount Units: ppb v/v




Manual Integration Results

RT: 15.94
Area: 3153350
Amount: 28.110902
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:17:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Lims ID: IC Cal 50ppb
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Sep-2025 02:41:13 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: IC CAL 50PPB
Misc. Info.: 410-0158855-011
Operator ID: AL109694 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub1

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 08:50:09 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: D7UM Date: 08-Sep-2025 13:55:27

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 1316195 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 3979326 | 50.0 | 46.0 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 80 | 2521436 | 50.0 | 51.5 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 96 | 4047500 | 50.0 | 52.6 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 89 | 1477472 | 50.0 | 47.7 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 99 | 2462009 | 50.0 | 42.4 | a |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 74 | 1652848 | 50.0 | 52.5 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 1251805 | 50.0 | 51.2 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 91 | 1149303 | 50.0 | 49.0 | |
| 9 Chloroethane | 64 | 4.916 | 4.909 | 0.007 | 94 | 818978 | 50.0 | 43.0 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 1432131 | 50.0 | 46.9 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 82 | 3611380 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 88 | 3794042 | 50.0 | 48.2 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 97 | 2903540 | NC | NC | |
| 14 Ethanol | 45 | 5.647 | 5.661 | -0.014 | 97 | 393271 | NC | NC | M |
| 19 Acrolein | 56 | 6.141 | 6.148 | -0.007 | 93 | 740027 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 2438928 | 50.0 | 45.8 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.370 | 0.000 | 89 | 1848120 | 50.0 | 47.1 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 2534459 | 50.0 | 45.1 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 99 | 1958633 | 50.0 | 47.1 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 99 | 3475697 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.750 | 6.757 | -0.007 | 100 | 4845550 | 50.0 | 43.0 | |
| 28 Acetonitrile | 41 | 6.821 | 6.829 | -0.008 | 99 | 1560874 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.972 | 0.000 | 90 | 2215172 | 50.0 | 42.7 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 89 | 1289102 | 50.0 | 43.2 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.287 | 0.000 | 97 | 2172133 | 57.0 | 62.9 | |
| 31 Acrylonitrile | 53 | 7.523 | 7.531 | -0.008 | 96 | 1442908 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.624 | 7.631 | -0.007 | 89 | 4282893 | 50.0 | 52.5 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 91 | 2575933 | 50.0 | 45.5 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 94 | 1295701 | 50.0 | 44.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.319 | 8.326 | -0.007 | 97 | 392103 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.347 | 0.000 | 85 | 2976315 | 50.0 | 43.1 | |
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 5989765 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.956 | 8.963 | -0.007 | 99 | 5255868 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.171 | 9.178 | -0.007 | 99 | 832794 | 50.0 | 52.1 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.235 | 9.235 | 0.000 | 62 | 2898443 | 50.0 | 45.1 | |
| 38 Ethyl acetate | 70 | 9.235 | 9.243 | -0.007 | 89 | 426064 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.321 | 9.321 | 0.000 | 93 | 3294829 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 71 | 378290 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.629 | 9.636 | -0.007 | 90 | 2080594 | 50.0 | 45.0 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 82 | 3361656 | 50.0 | 43.4 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.045 | 0.000 | 57 | 3168588 | 50.0 | 46.4 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 93 | 2738775 | 50.0 | 50.7 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 3196107 | 50.0 | 50.6 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 575727 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.589 | 0.000 | 94 | 4965537 | 50.0 | 43.4 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 90 | 2302139 | 50.0 | 43.6 | |
| 47 Tert-amyl methyl ether | 73 | 10.761 | 10.768 | -0.007 | 77 | 4765982 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 93 | 8766575 | 50.0 | 50.0 | |
| 45 n-Heptane | 71 | 11.019 | 11.019 | 0.000 | 96 | 1790299 | 50.0 | 51.7 | |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 84 | 1416709 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.578 | 11.585 | -0.007 | 91 | 1976023 | 50.0 | 43.3 | |
| 52 Ethyl acrylate | 55 | 11.628 | 11.635 | -0.007 | 99 | 4158733 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 70 | 2144663 | 50.0 | 45.0 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 90 | 1990629 | 50.0 | 55.0 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 837964 | 50.0 | 54.1 | M |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 1749790 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.237 | 12.244 | -0.007 | 93 | 3730966 | 50.0 | 44.7 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 91 | 3317150 | 50.0 | 49.5 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 4585995 | 50.0 | 52.0 | M |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1516821 | NC | NC | |
| 59 Toluene | 91 | 13.125 | 13.125 | 0.000 | 97 | 5988243 | 50.0 | 45.4 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 4767628 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 95 | 2690711 | 50.0 | 50.9 | |
| 63 Ethyl methacrylate | 69 | 13.361 | 13.368 | -0.007 | 88 | 3321223 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 2097374 | 50.0 | 47.3 | |
| 61 Tetrachloroethene | 166 | 13.662 | 13.662 | 0.000 | 85 | 2552037 | 50.0 | 44.9 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 99 | 4412094 | 50.0 | 54.9 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 90 | 2834643 | 50.0 | 49.8 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 3274704 | 50.0 | 49.3 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 73 | 1281454 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 4512519 | 50.0 | 45.2 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 70 | 7807264 | 50.0 | 49.0 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 57 | 2437665 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 97 | 11768745 | 100.0 | 99.6 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 91 | 6170123 | 50.0 | 52.5 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 4692033 | 50.0 | 55.0 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 3312934 | 50.0 | 53.7 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 96 | 7870684 | 50.0 | 53.5 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 91 | 4972960 | 50.0 | 49.2 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 59 | 1194647 | NC | NC | |
| 78 Bromobenzene | 156 | 15.539 | 15.539 | 0.000 | 86 | 2535396 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 2212612 | 50.0 | 55.4 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 8276627 | 50.0 | 56.3 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 89 | 2005826 | 50.0 | 52.6 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 67 | 6527926 | 50.0 | 55.5 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 90 | 3846672 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.940 | 0.007 | 76 | 6394301 | 50.0 | 54.5 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 6929144 | 50.0 | 55.7 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 9498943 | 50.0 | 53.2 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 7809161 | 50.0 | 55.2 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 96 | 4431636 | 50.0 | 53.7 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 4499786 | 50.0 | 54.2 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 97 | 1238937 | 50.0 | 63.6 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 99 | 4498530 | 50.0 | 58.9 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 90 | 4226204 | 50.0 | 55.4 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 95 | 2951624 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 79 | 2205444 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 93 | 3179453 | 50.0 | 61.7 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.974 | 0.008 | 91 | 2579118 | 50.0 | 55.6 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 7588783 | 50.0 | 62.0 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 5474376 | 100.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 100.0 | 100.3 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 17938868 | 150.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL50.0_00191 | Amount Added: 200.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 08:50:14 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004

Lims ID: IC Cal 50ppb

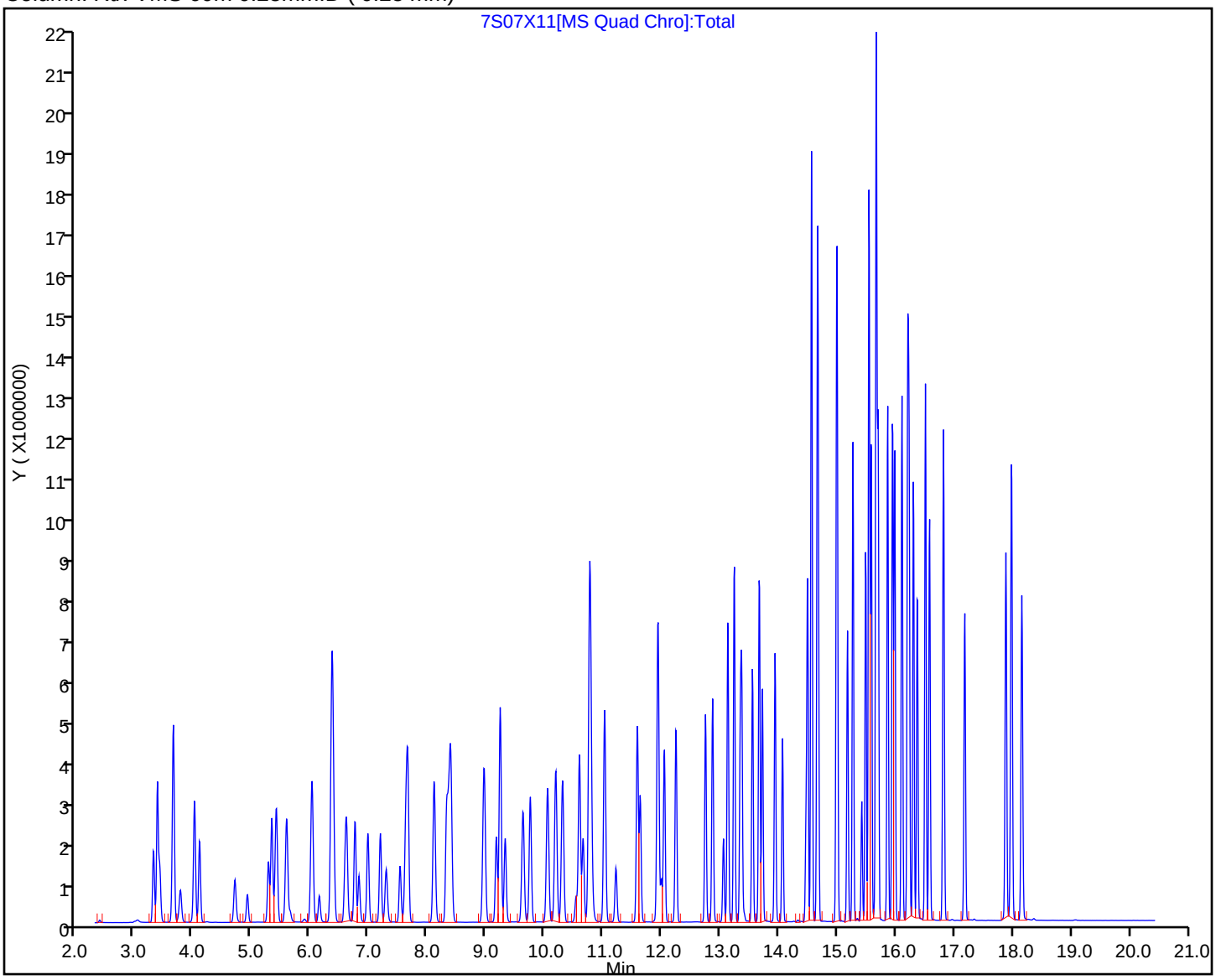
Client ID:

Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

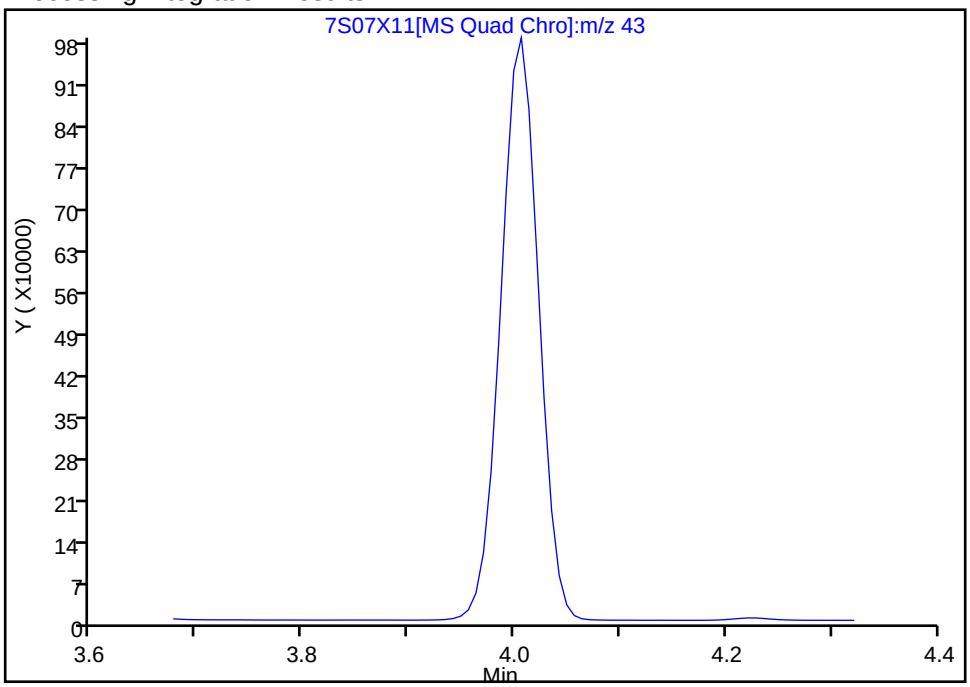
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

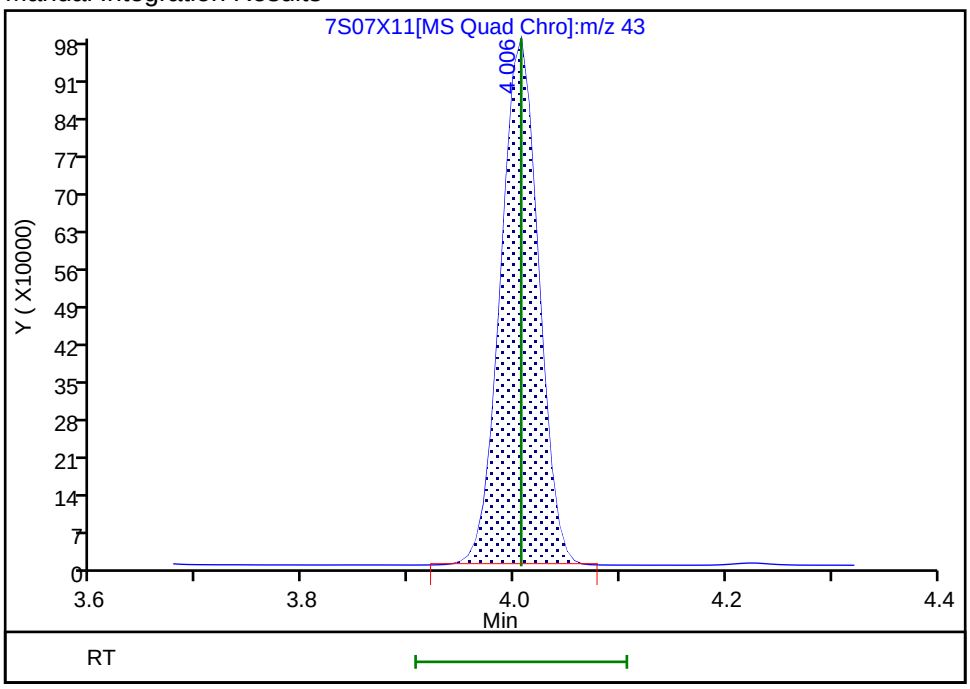
Not Detected
Expected RT: 4.01

Processing Integration Results




Manual Integration Results

RT: 4.01
Area: 2462009
Amount: 42.387777
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:09:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

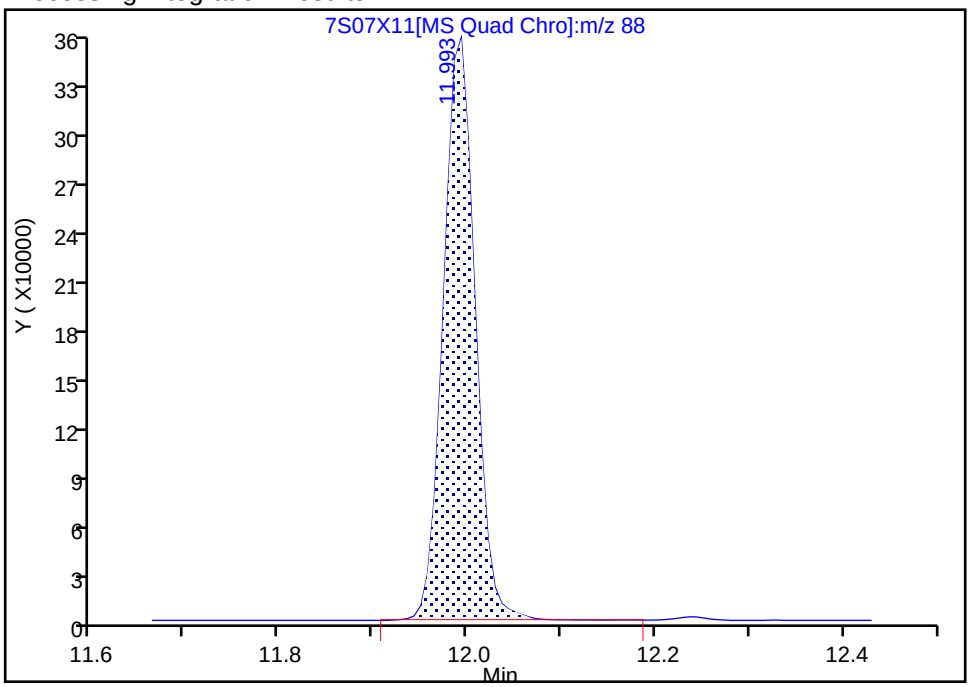
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

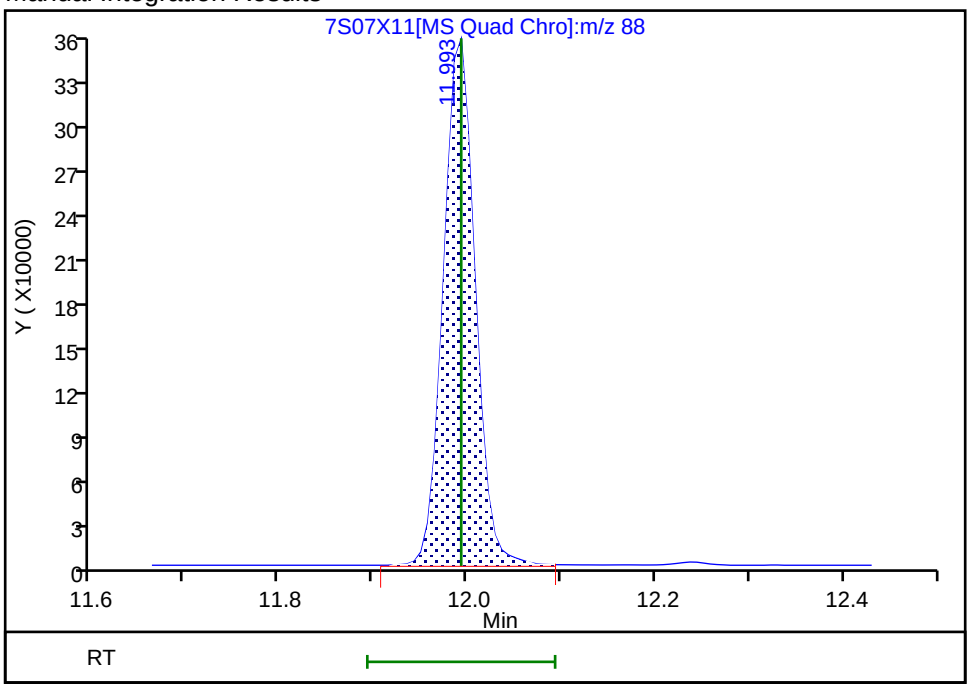
Processing Integration Results

RT: 11.99
Area: 839322
Amount: 54.213527
Amount Units: ppb v/v




Manual Integration Results

RT: 11.99
Area: 837964
Amount: 54.137683
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:05:06 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

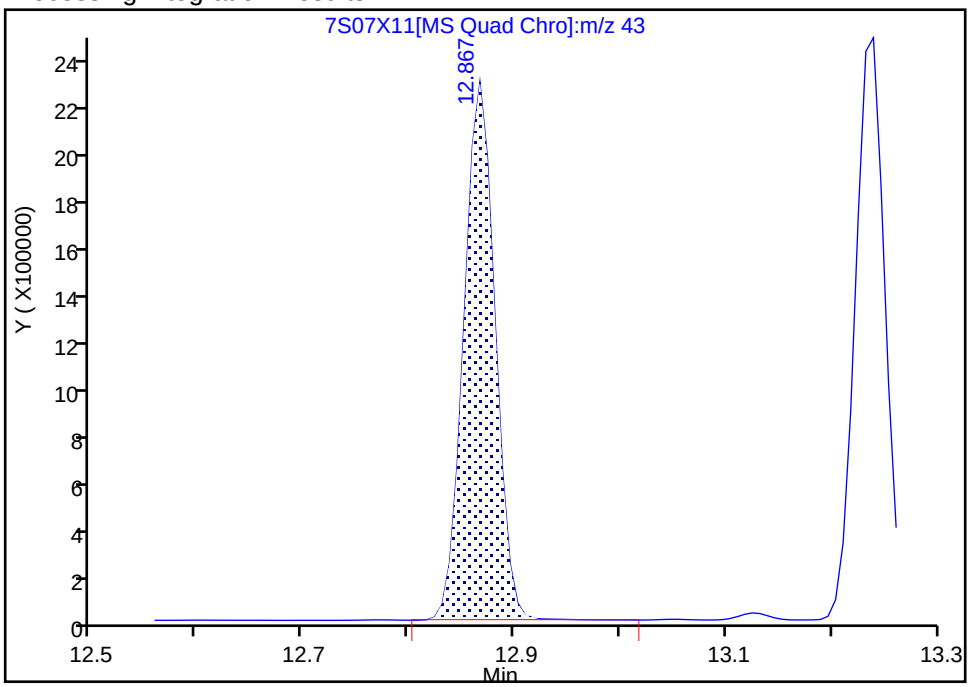
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

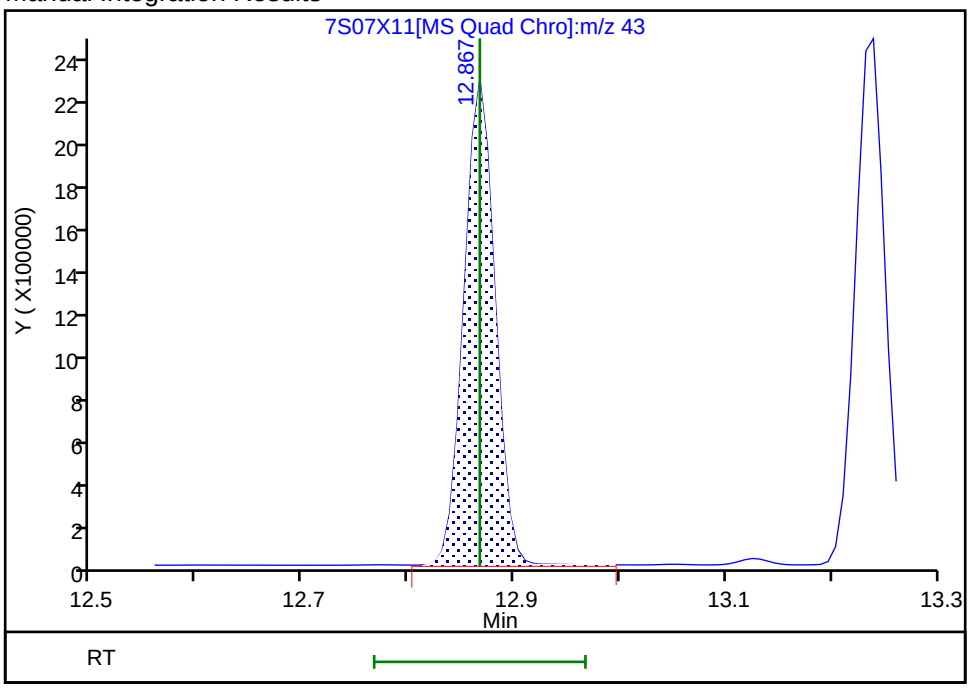
Processing Integration Results

RT: 12.87
Area: 4588083
Amount: 52.004357
Amount Units: ppb v/v




Manual Integration Results

RT: 12.87
Area: 4585995
Amount: 51.983424
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 10:05:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

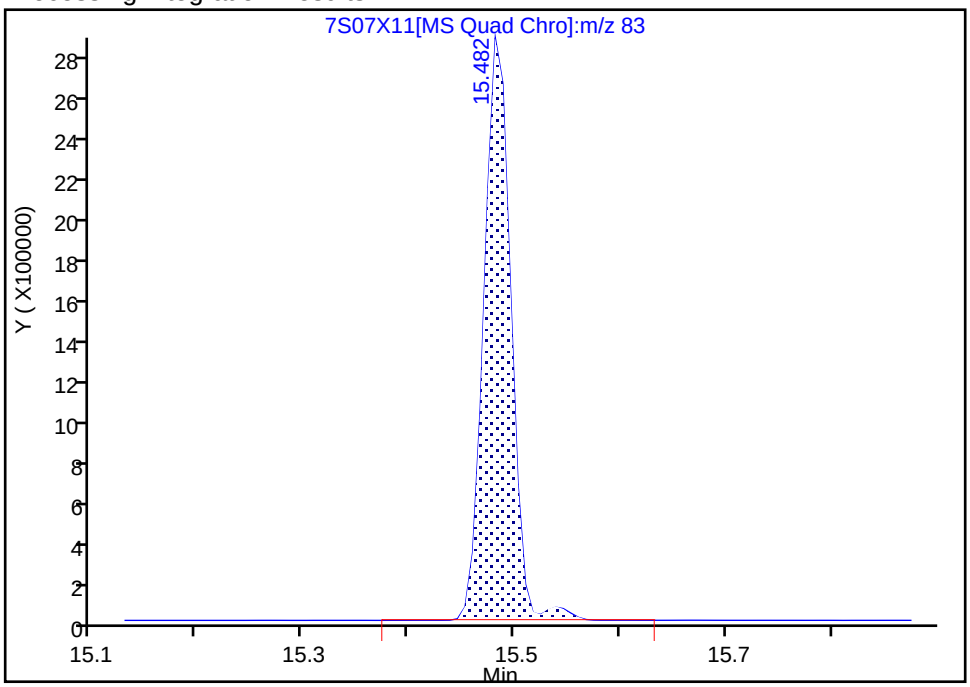
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

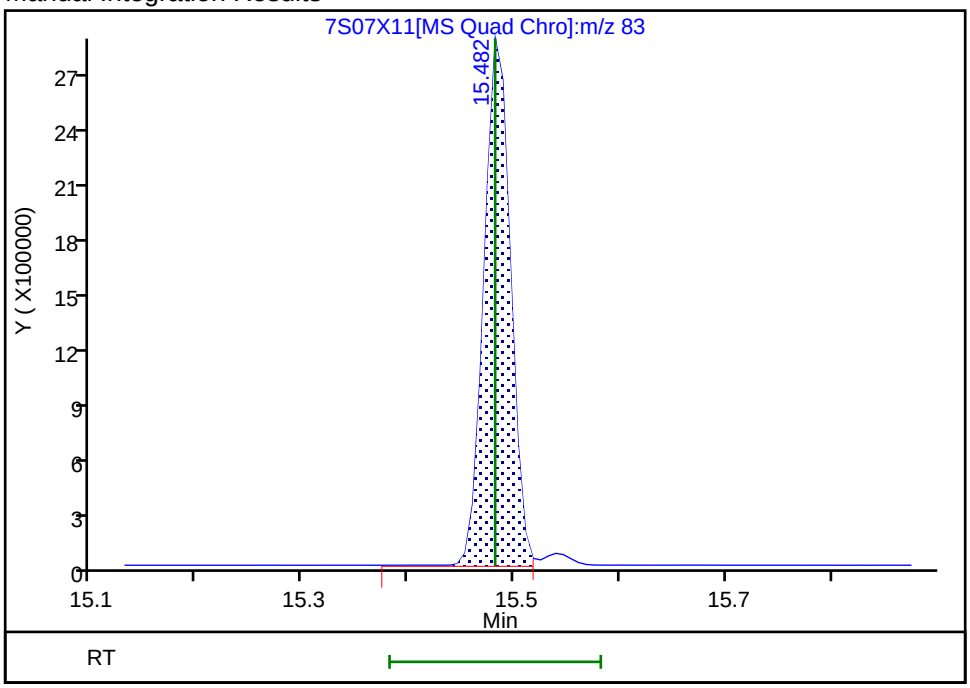
Processing Integration Results

RT: 15.48
Area: 5093589
Amount: 50.038718
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 4972960
Amount: 49.228841
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

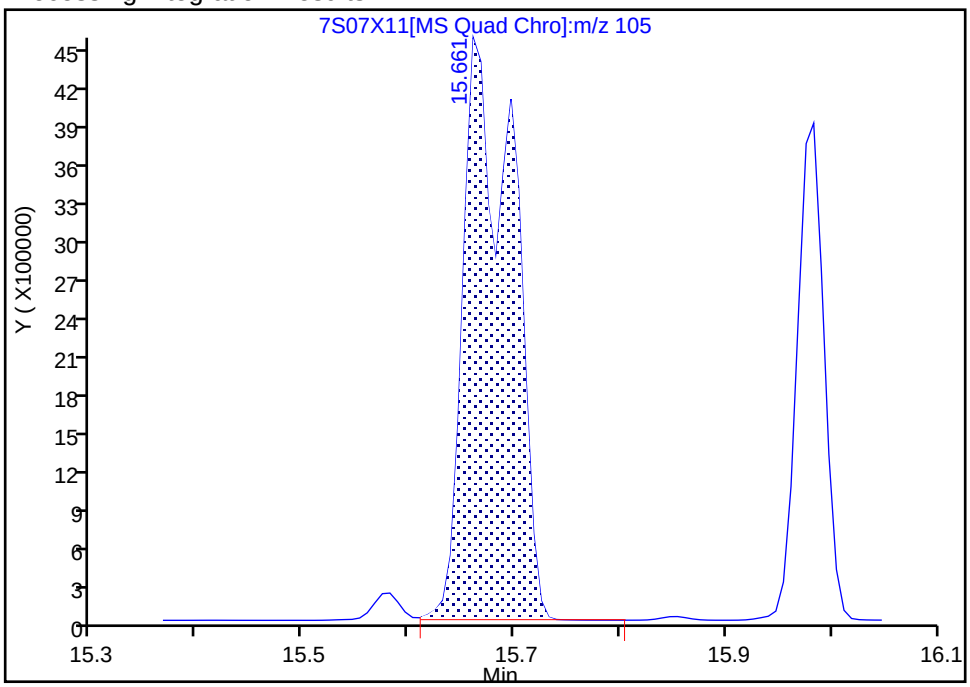
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

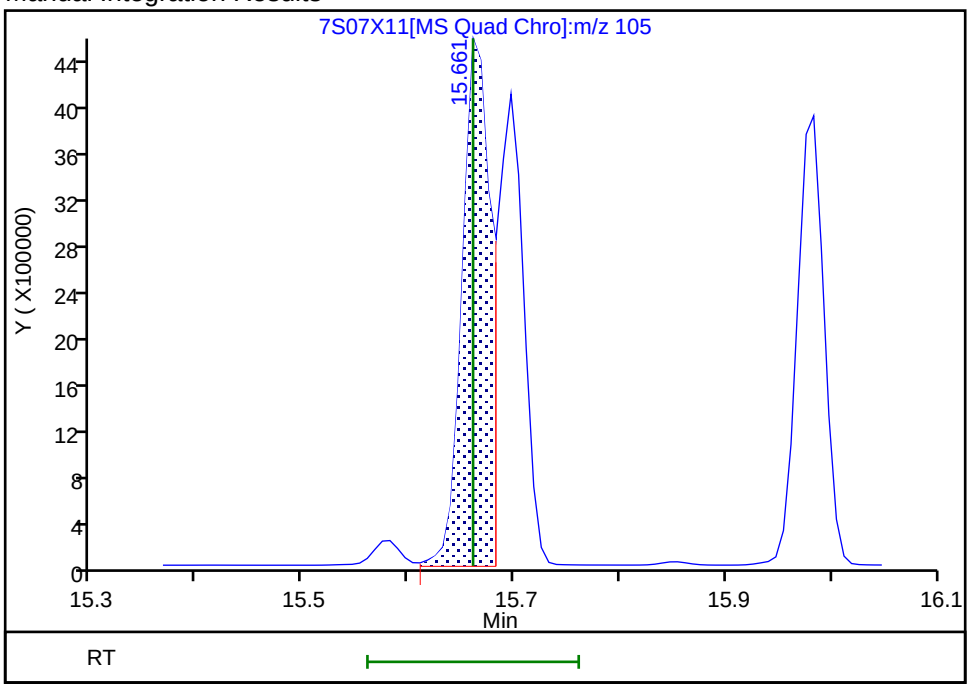
Processing Integration Results

RT: 15.66
Area: 14804554
Amount: 86.271564
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 8276627
Amount: 56.297767
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:16 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

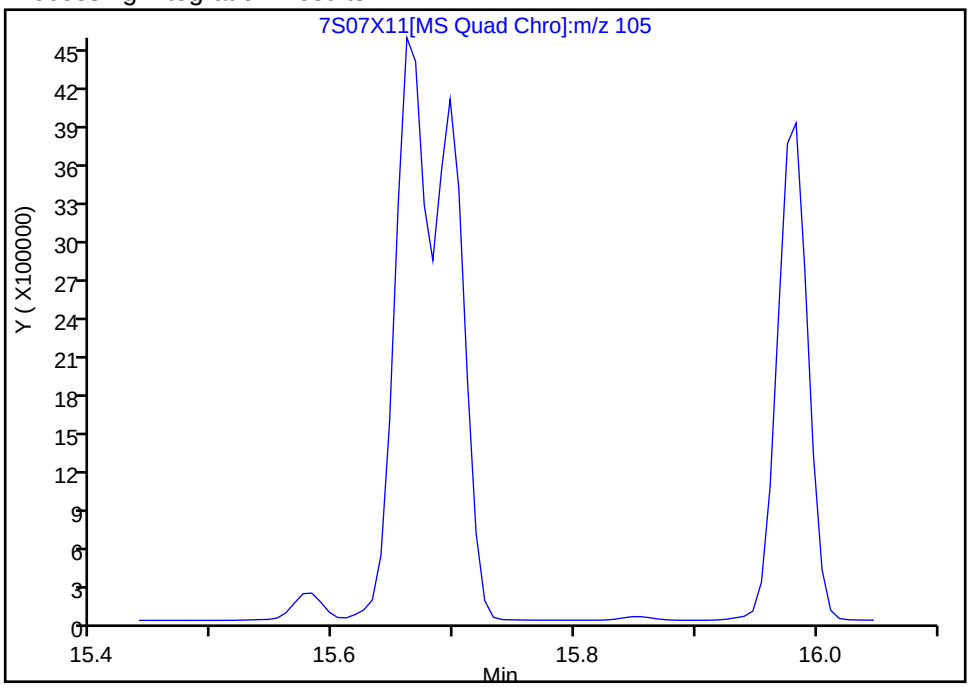
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

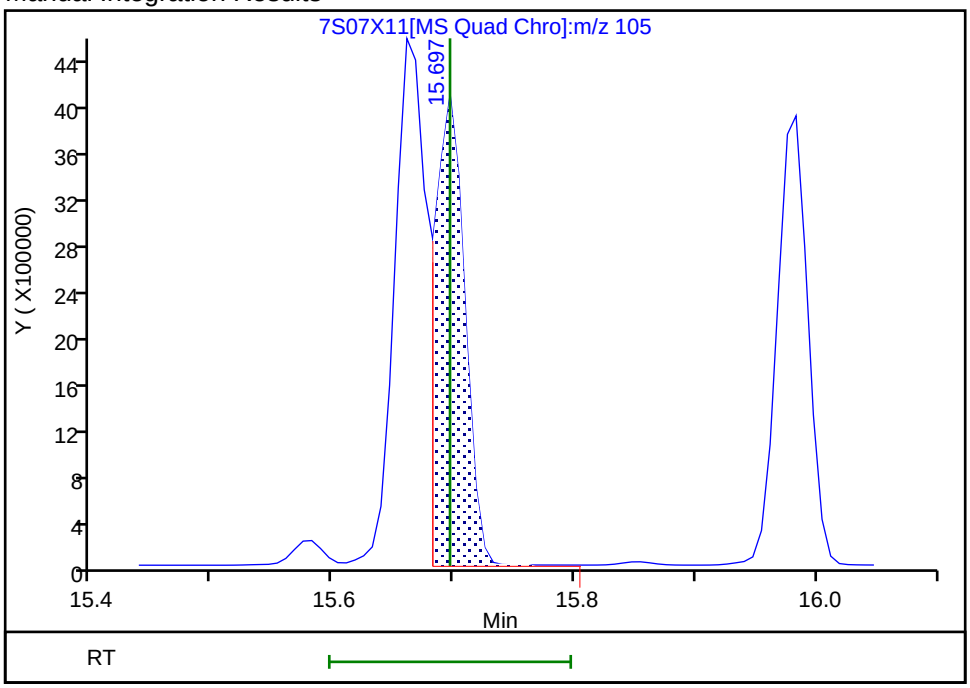
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 6527926
Amount: 55.466341
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:41:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

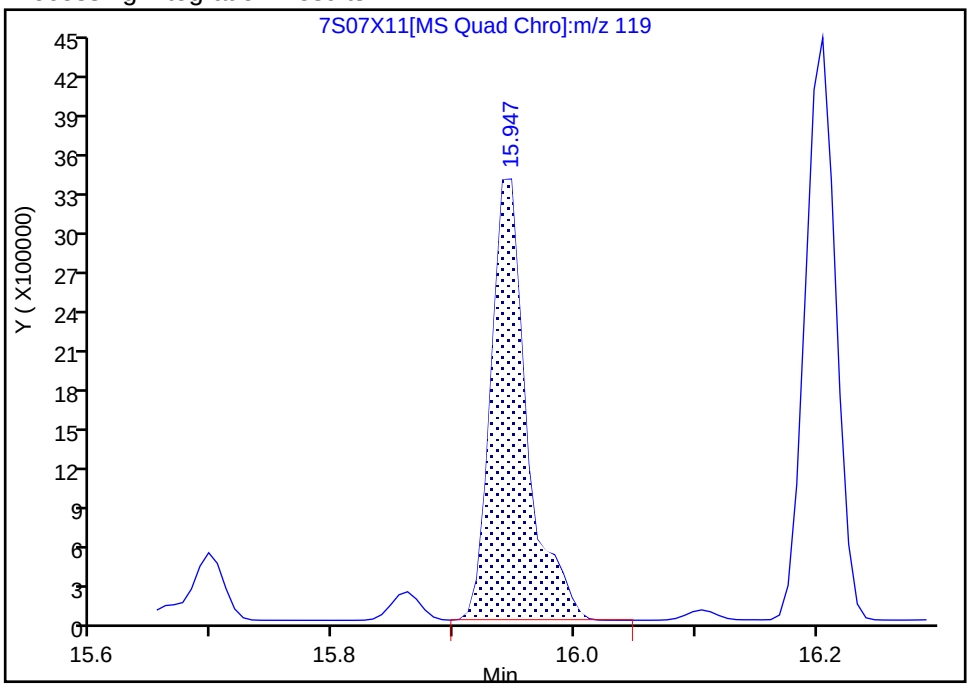
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D | | | | |
| Injection Date: | 08-Sep-2025 02:41:13 | Instrument ID: | HP8R004 | | |
| Lims ID: | IC Cal 50ppb | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 6 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

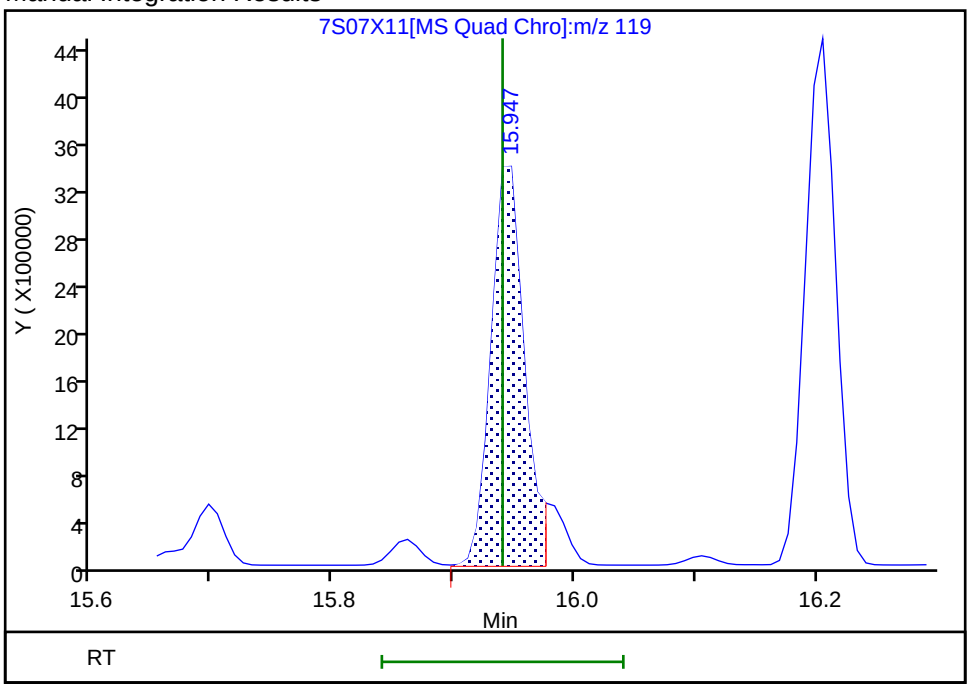
Processing Integration Results

RT: 15.95
Area: 6984246
Amount: 54.711552
Amount Units: ppb v/v




Manual Integration Results

RT: 15.95
Area: 6394301
Amount: 54.535402
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 09:16:24 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

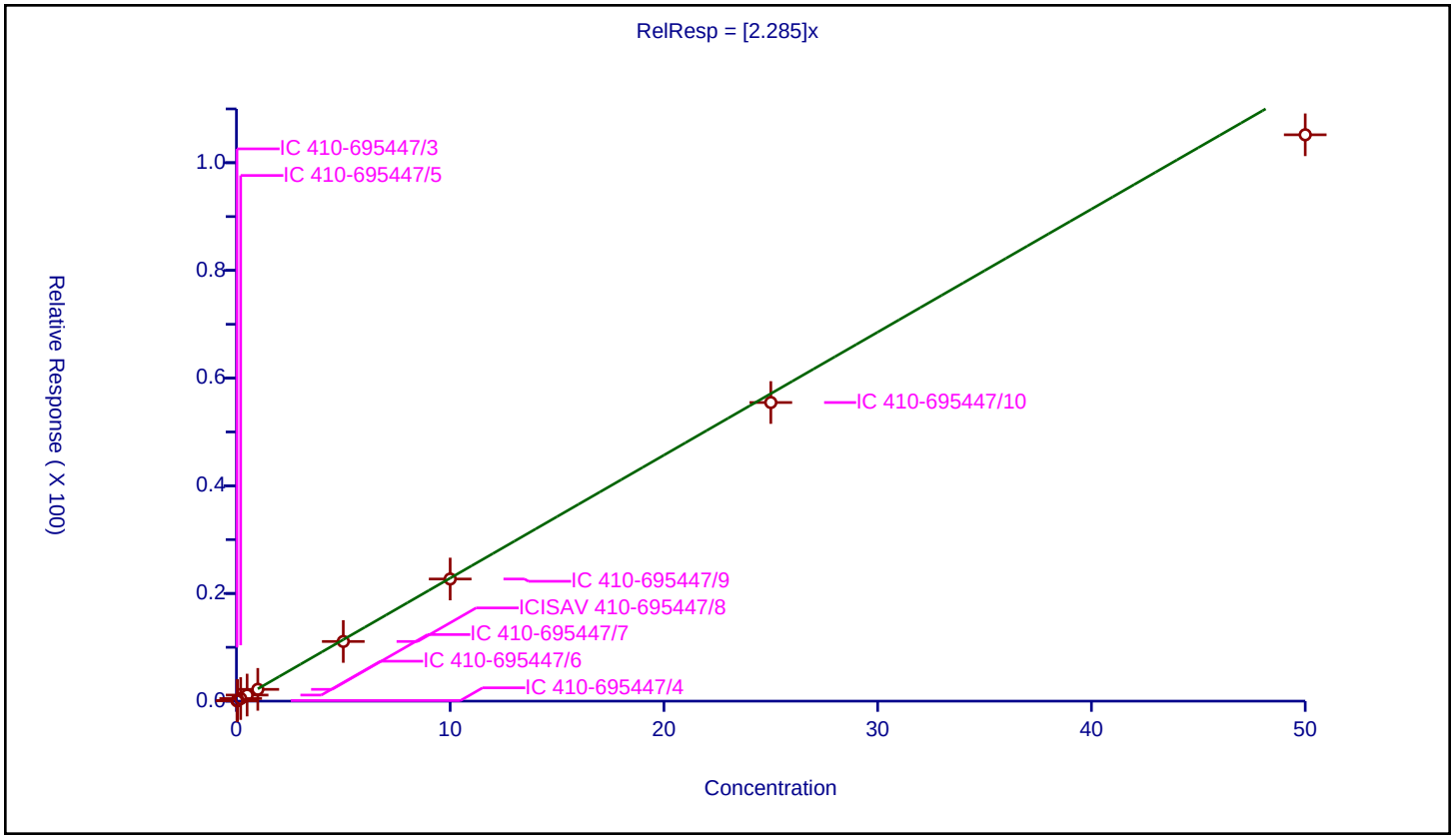
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.285 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.06819 | 10.0 | 332307.0 | 2.727598 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.108667 | 10.0 | 332852.0 | 2.173338 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.480958 | 10.0 | 341173.0 | 2.404792 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.128689 | 10.0 | 333502.0 | 2.257378 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.189707 | 10.0 | 332839.0 | 2.189707 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 11.085067 | 10.0 | 348421.0 | 2.217013 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.685205 | 10.0 | 349612.0 | 2.268521 | Y |
| 8 | IC 410-695447/10 | 25.0 | 55.468178 | 10.0 | 350892.0 | 2.218727 | Y |
| 9 | IC 410-695447/11 | 50.0 | 105.192471 | 10.0 | 378290.0 | 2.103849 | Y |






10/16/2025
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## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

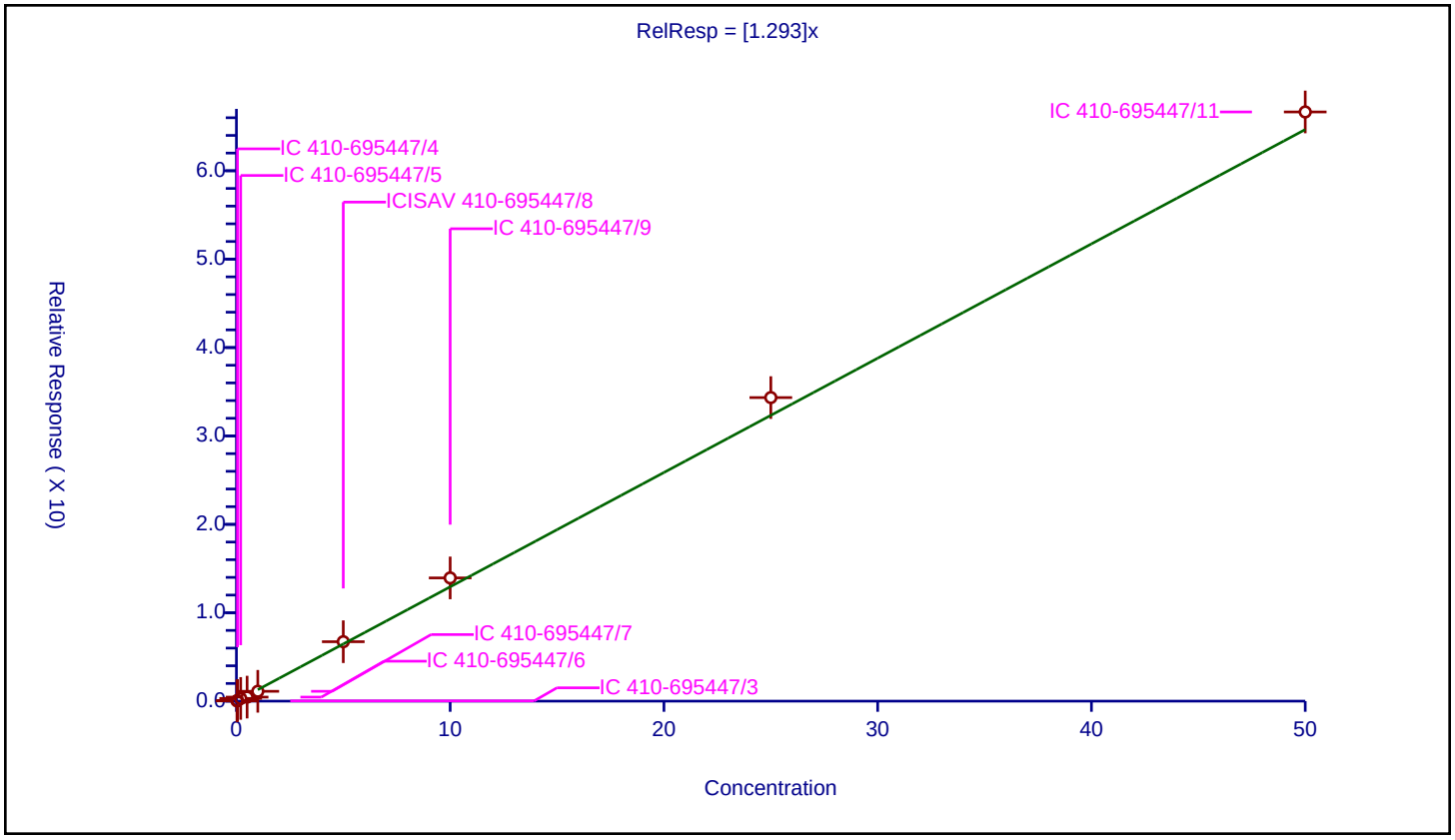
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.293 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.029912 | 10.0 | 332307.0 | 1.196484 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.071894 | 10.0 | 332852.0 | 1.437876 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.306531 | 10.0 | 341173.0 | 1.532654 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.457089 | 10.0 | 333502.0 | 0.914177 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.112129 | 10.0 | 332839.0 | 1.112129 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.724939 | 10.0 | 348421.0 | 1.344988 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.938738 | 10.0 | 349612.0 | 1.393874 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.340709 | 10.0 | 350892.0 | 1.373628 | Y |
| 9 | IC 410-695447/11 | 50.0 | 66.65352 | 10.0 | 378290.0 | 1.33307 | Y |



## Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

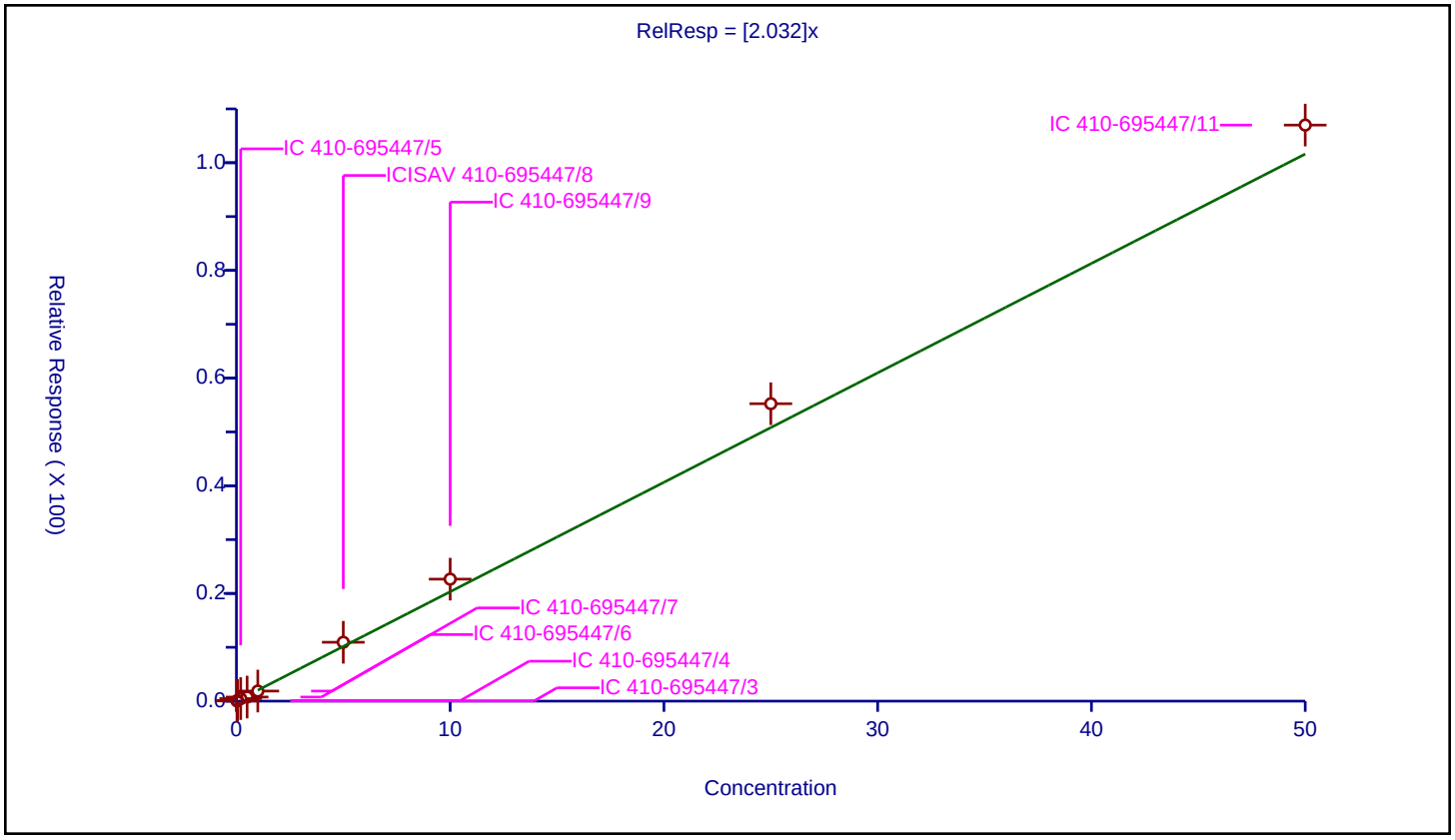
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.032 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.043303 | 10.0 | 332307.0 | 1.732133 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.100255 | 10.0 | 332852.0 | 2.005095 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.472429 | 10.0 | 341173.0 | 2.362145 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.758676 | 10.0 | 333502.0 | 1.517352 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.871806 | 10.0 | 332839.0 | 1.871806 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.935535 | 10.0 | 348421.0 | 2.187107 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.659119 | 10.0 | 349612.0 | 2.265912 | Y |
| 8 | IC 410-695447/10 | 25.0 | 55.24147 | 10.0 | 350892.0 | 2.209659 | Y |
| 9 | IC 410-695447/11 | 50.0 | 106.994634 | 10.0 | 378290.0 | 2.139893 | Y |



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## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

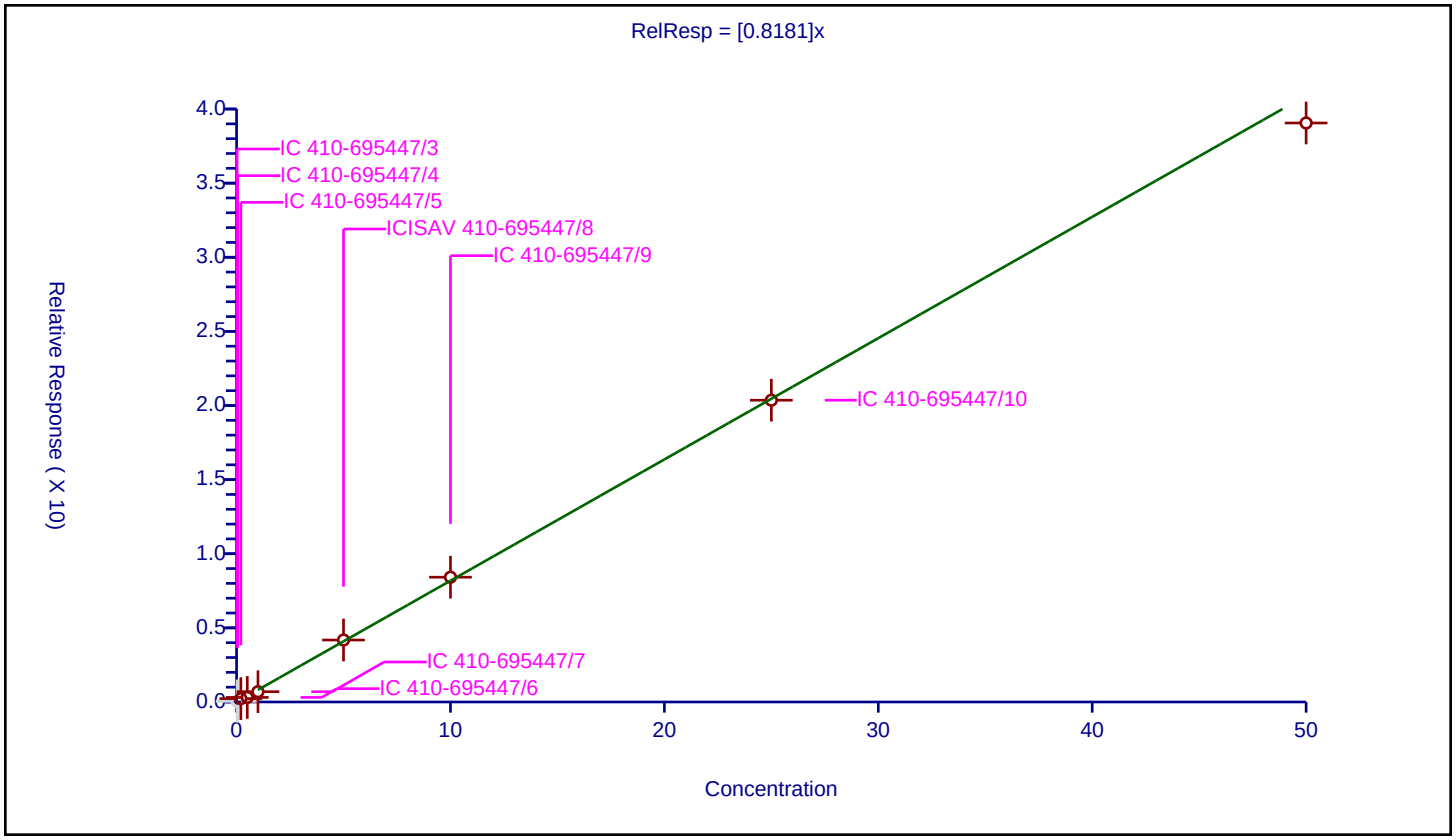
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8181 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.043364 | 10.0 | 332307.0 | 1.734541 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.084452 | 10.0 | 332852.0 | 1.689039 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.22792 | 10.0 | 341173.0 | 1.139598 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.308994 | 10.0 | 333502.0 | 0.617987 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.695922 | 10.0 | 332839.0 | 0.695922 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.179742 | 10.0 | 348421.0 | 0.835948 | Y |
| 7 | IC 410-695447/9 | 10.0 | 8.417932 | 10.0 | 349612.0 | 0.841793 | Y |
| 8 | IC 410-695447/10 | 25.0 | 20.35746 | 10.0 | 350892.0 | 0.814298 | Y |
| 9 | IC 410-695447/11 | 50.0 | 39.056597 | 10.0 | 378290.0 | 0.781132 | Y |



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## Calibration / Butane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

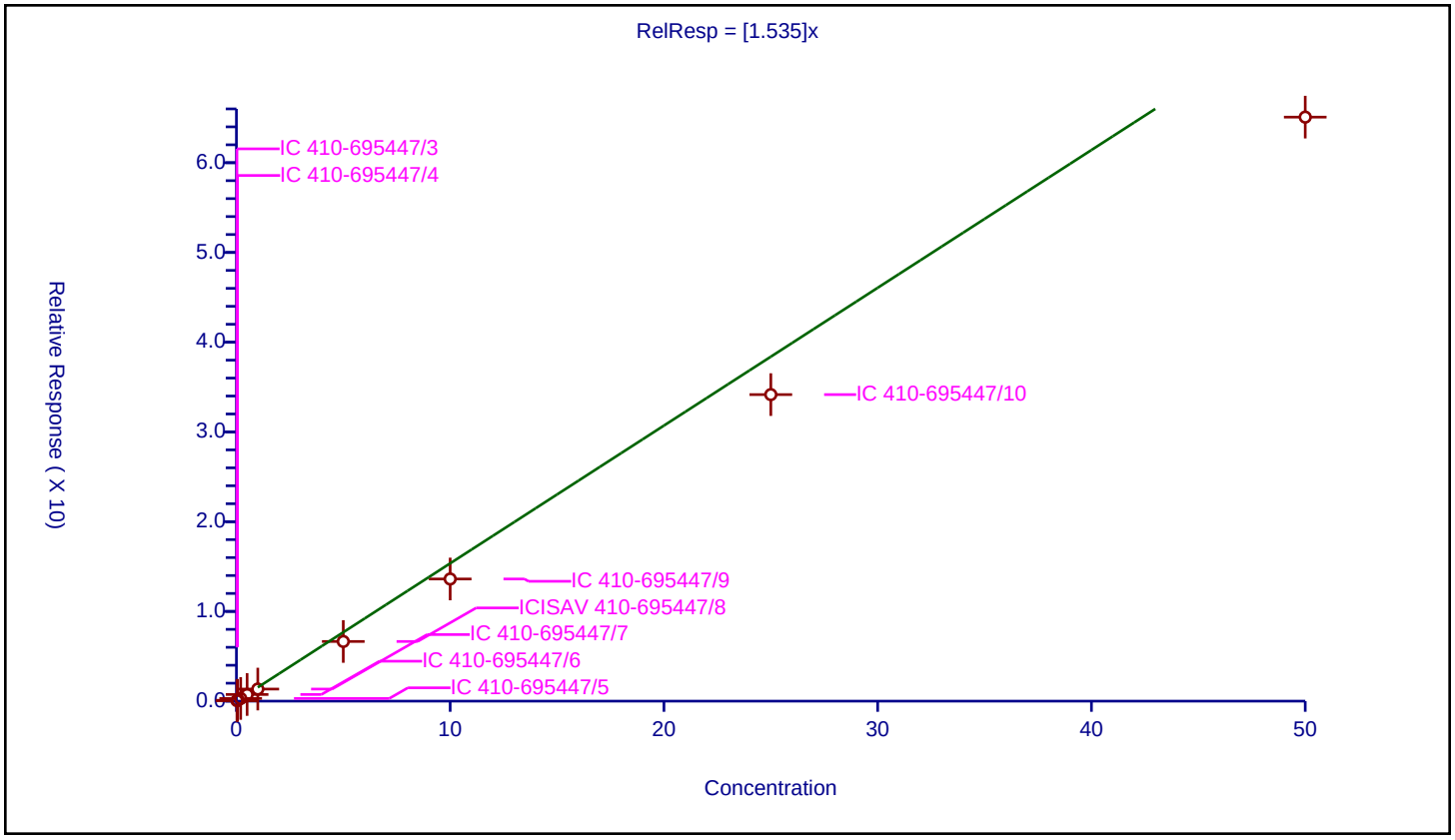
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.535 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.056213 | 10.0 | 332307.0 | 2.248523 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.094396 | 10.0 | 332852.0 | 1.887926 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.298998 | 10.0 | 341173.0 | 1.494989 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.740265 | 10.0 | 333502.0 | 1.480531 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.347318 | 10.0 | 332839.0 | 1.347318 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.649312 | 10.0 | 348421.0 | 1.329862 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.614264 | 10.0 | 349612.0 | 1.361426 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.161366 | 10.0 | 350892.0 | 1.366455 | Y |
| 9 | IC 410-695447/11 | 50.0 | 65.082582 | 10.0 | 378290.0 | 1.301652 | Y |



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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

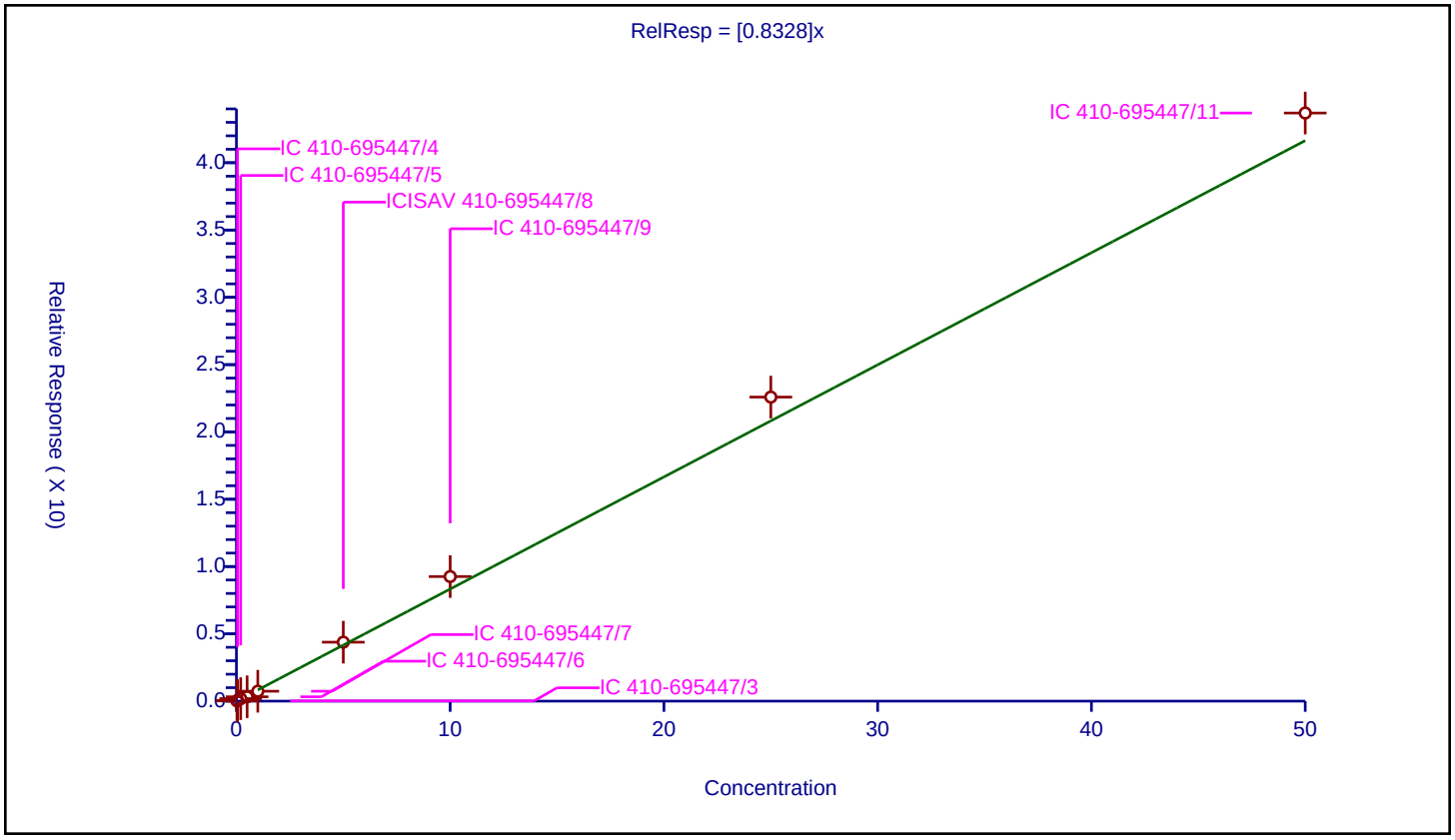
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8328 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018507 | 10.0 | 332307.0 | 0.740279 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.043323 | 10.0 | 332852.0 | 0.866451 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.185243 | 10.0 | 341173.0 | 0.926216 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.323596 | 10.0 | 333502.0 | 0.647193 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.736392 | 10.0 | 332839.0 | 0.736392 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.380362 | 10.0 | 348421.0 | 0.876072 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.256318 | 10.0 | 349612.0 | 0.925632 | Y |
| 8 | IC 410-695447/10 | 25.0 | 22.588745 | 10.0 | 350892.0 | 0.90355 | Y |
| 9 | IC 410-695447/11 | 50.0 | 43.692617 | 10.0 | 378290.0 | 0.873852 | Y |



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## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

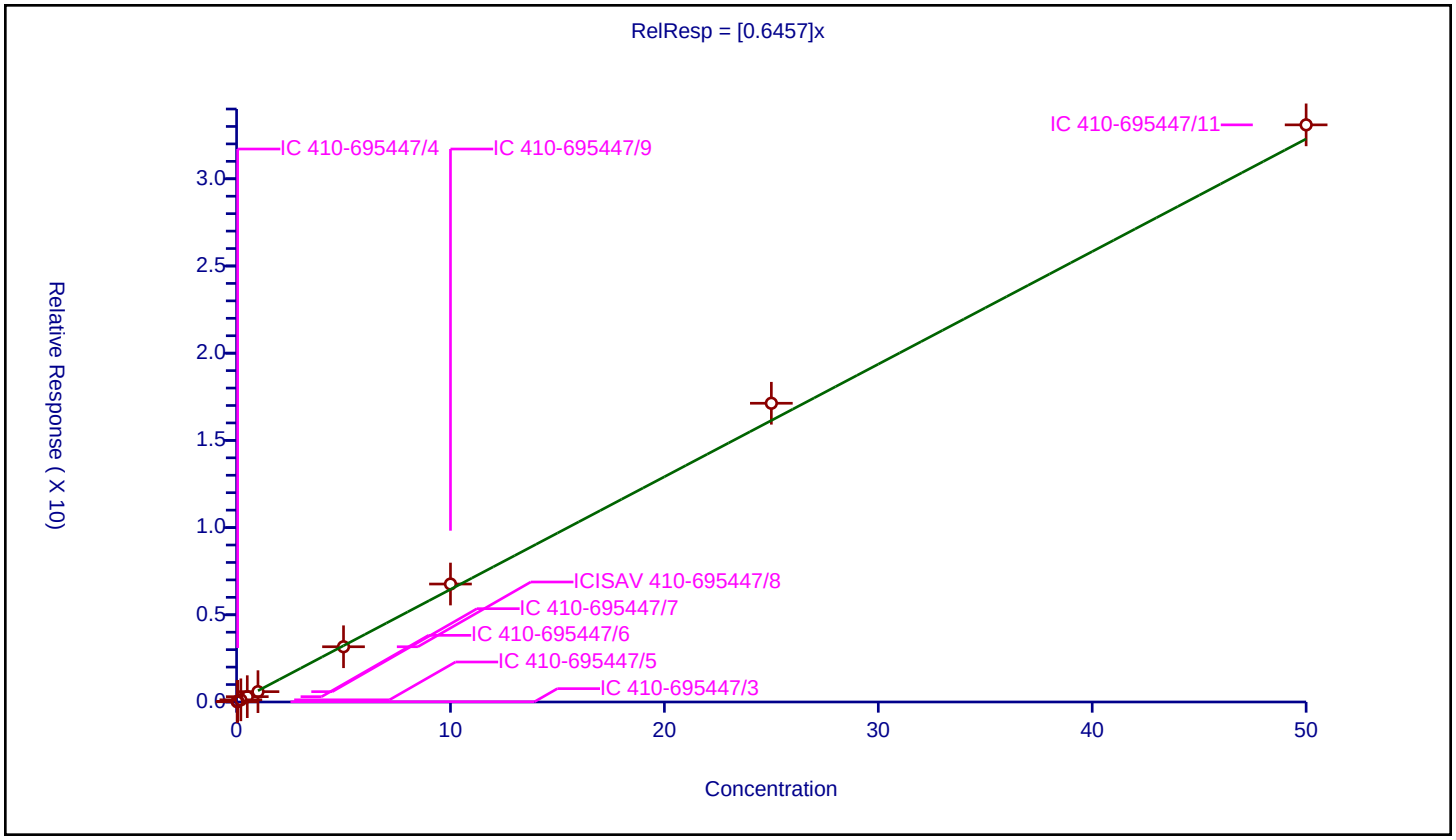
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6457 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014565 | 10.0 | 332307.0 | 0.582594 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.037224 | 10.0 | 332852.0 | 0.744475 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.124805 | 10.0 | 341173.0 | 0.624024 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.305665 | 10.0 | 333502.0 | 0.611331 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.591968 | 10.0 | 332839.0 | 0.591968 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.166887 | 10.0 | 348421.0 | 0.633377 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.764127 | 10.0 | 349612.0 | 0.676413 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.128461 | 10.0 | 350892.0 | 0.685138 | Y |
| 9 | IC 410-695447/11 | 50.0 | 33.091147 | 10.0 | 378290.0 | 0.661823 | Y |



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## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

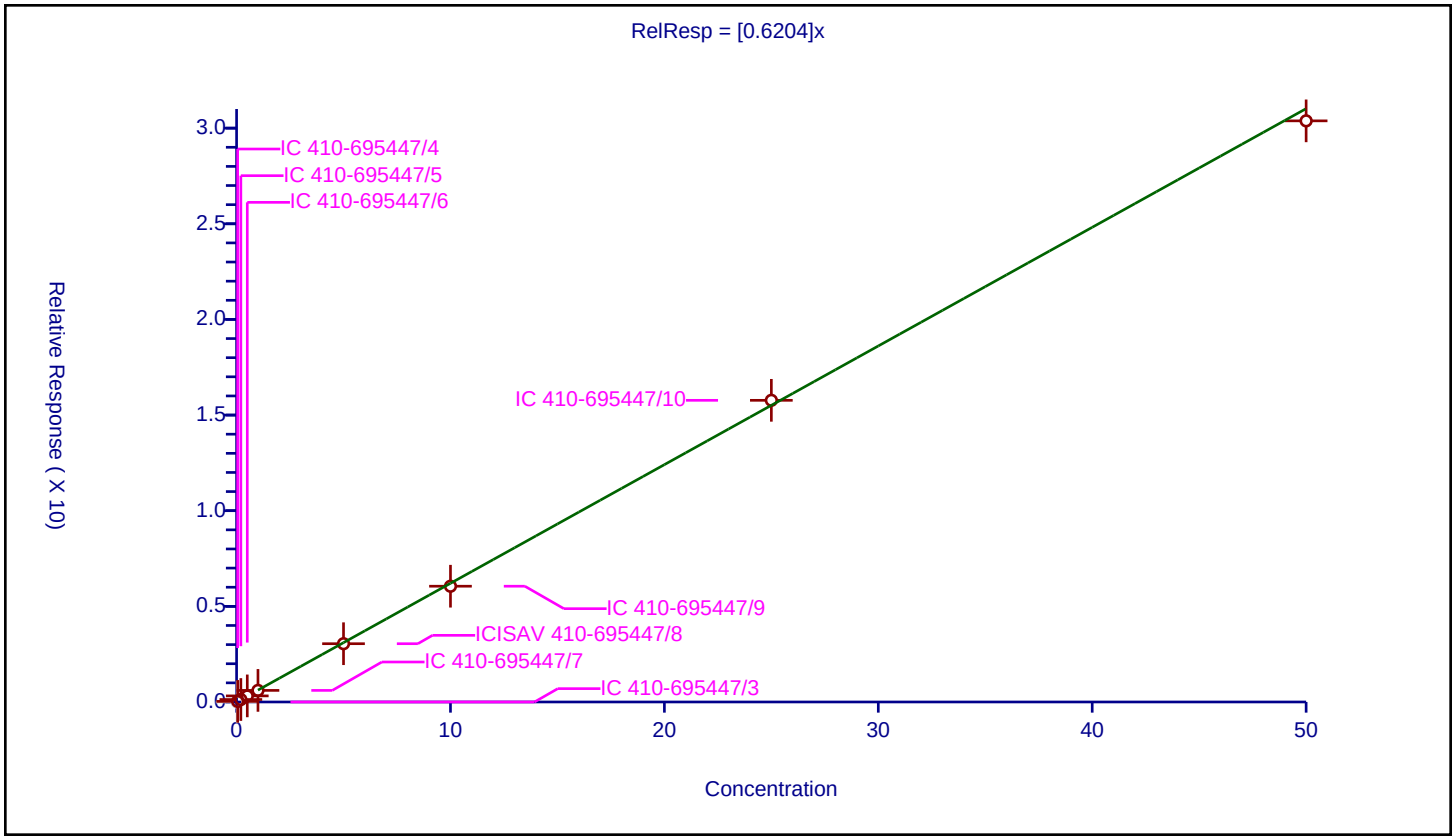
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6204 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.031065 | 10.0 | 332852.0 | 0.621297 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.129348 | 10.0 | 341173.0 | 0.646739 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.318379 | 10.0 | 333502.0 | 0.636758 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.605308 | 10.0 | 332839.0 | 0.605308 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.04709 | 10.0 | 348421.0 | 0.609418 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.051795 | 10.0 | 349612.0 | 0.605179 | Y |
| 8 | IC 410-695447/10 | 25.0 | 15.770379 | 10.0 | 350892.0 | 0.630815 | Y |
| 9 | IC 410-695447/11 | 50.0 | 30.381533 | 10.0 | 378290.0 | 0.607631 | Y |



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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

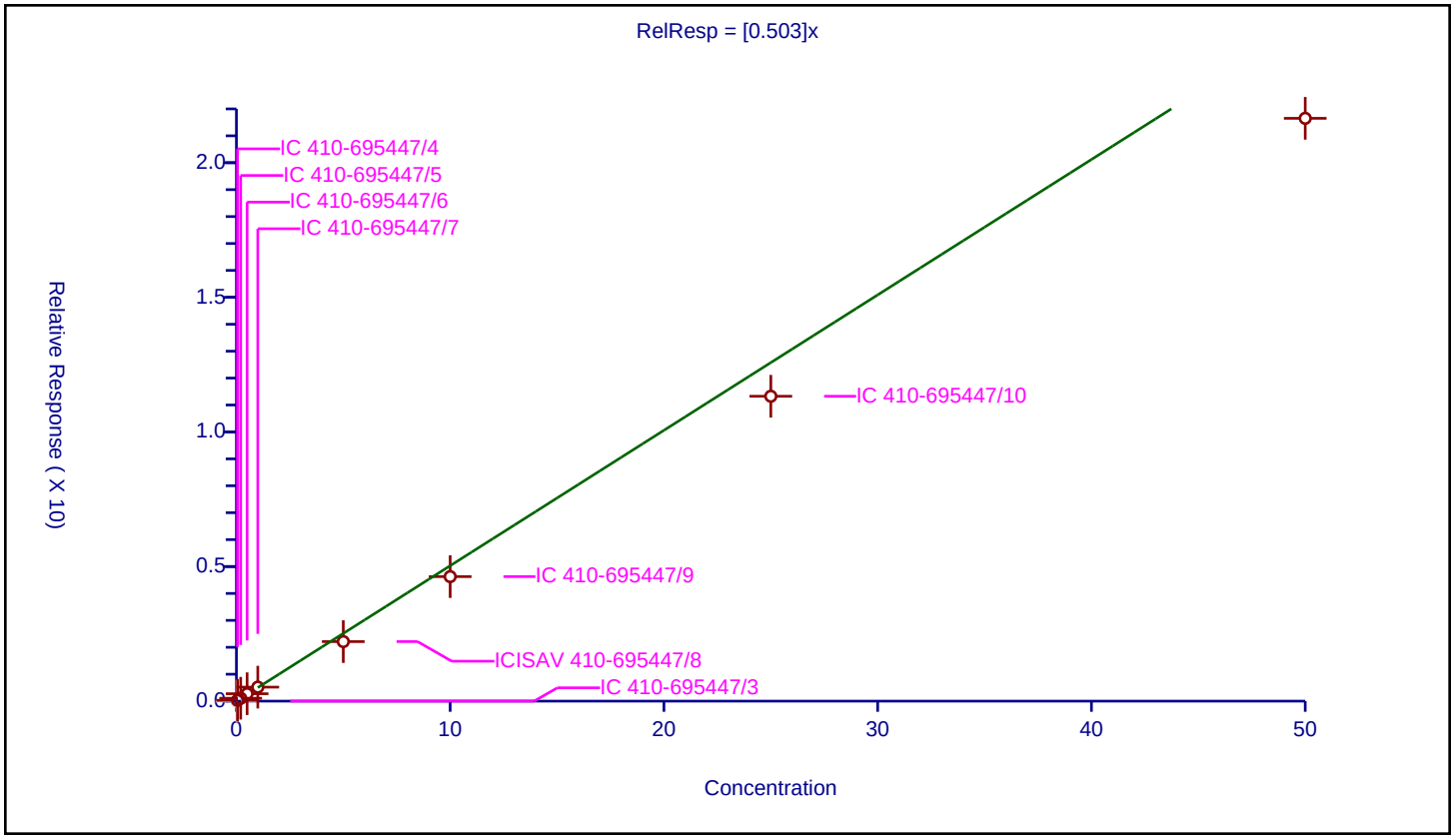
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.503 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.031305 | 10.0 | 332852.0 | 0.626104 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.107218 | 10.0 | 341173.0 | 0.536092 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.275441 | 10.0 | 333502.0 | 0.550881 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.520221 | 10.0 | 332839.0 | 0.520221 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.211405 | 10.0 | 348421.0 | 0.442281 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.625385 | 10.0 | 349612.0 | 0.462538 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.32528 | 10.0 | 350892.0 | 0.453011 | Y |
| 9 | IC 410-695447/11 | 50.0 | 21.649475 | 10.0 | 378290.0 | 0.43299 | Y |



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## Calibration / Vinyl bromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

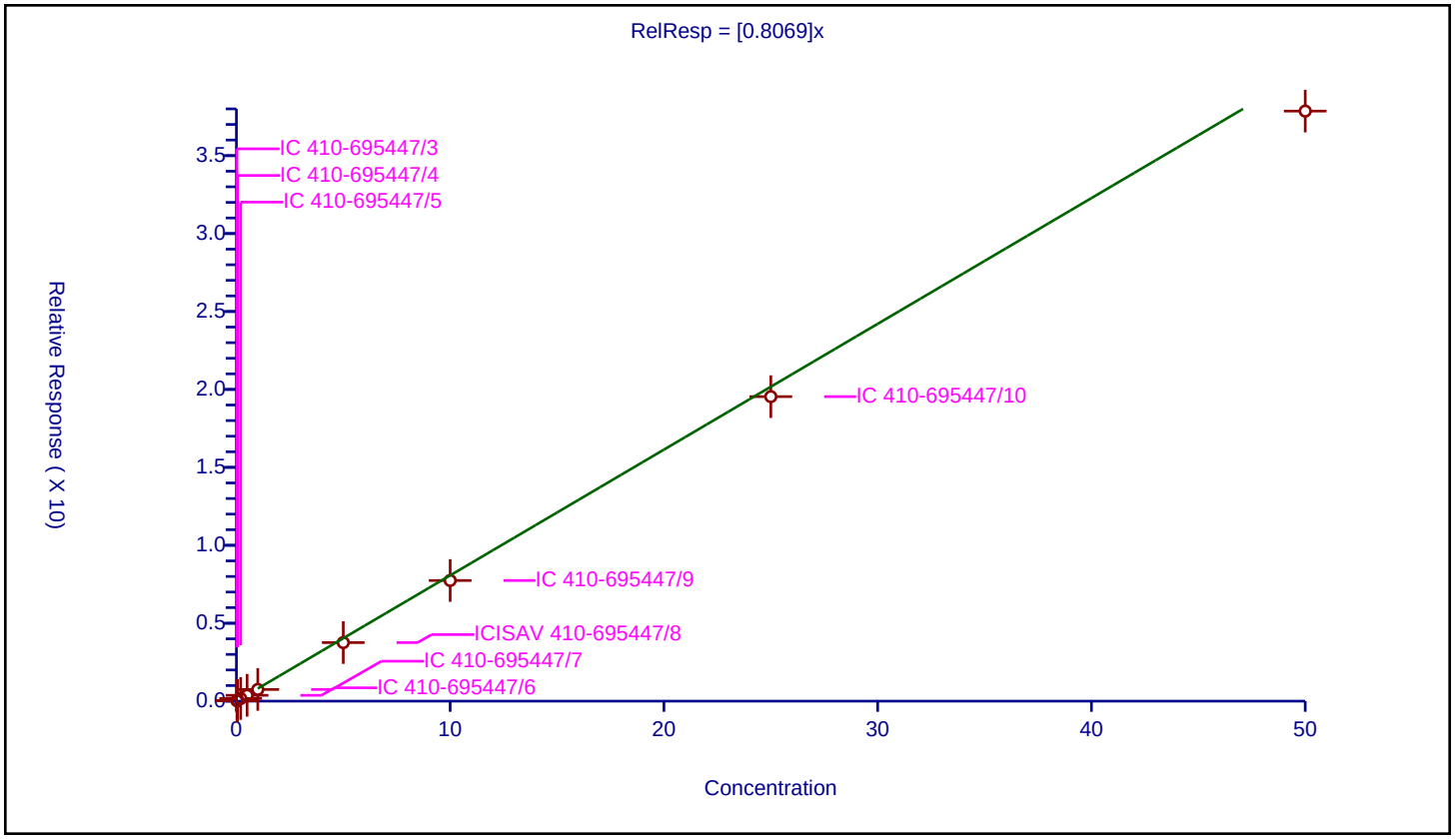
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8069 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023623 | 10.0 | 332307.0 | 0.944909 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.045275 | 10.0 | 332852.0 | 0.905508 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.170588 | 10.0 | 341173.0 | 0.85294 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.372681 | 10.0 | 333502.0 | 0.745363 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.749221 | 10.0 | 332839.0 | 0.749221 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.756691 | 10.0 | 348421.0 | 0.751338 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.74101 | 10.0 | 349612.0 | 0.774101 | Y |
| 8 | IC 410-695447/10 | 25.0 | 19.538177 | 10.0 | 350892.0 | 0.781527 | Y |
| 9 | IC 410-695447/11 | 50.0 | 37.858019 | 10.0 | 378290.0 | 0.75716 | Y |



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## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

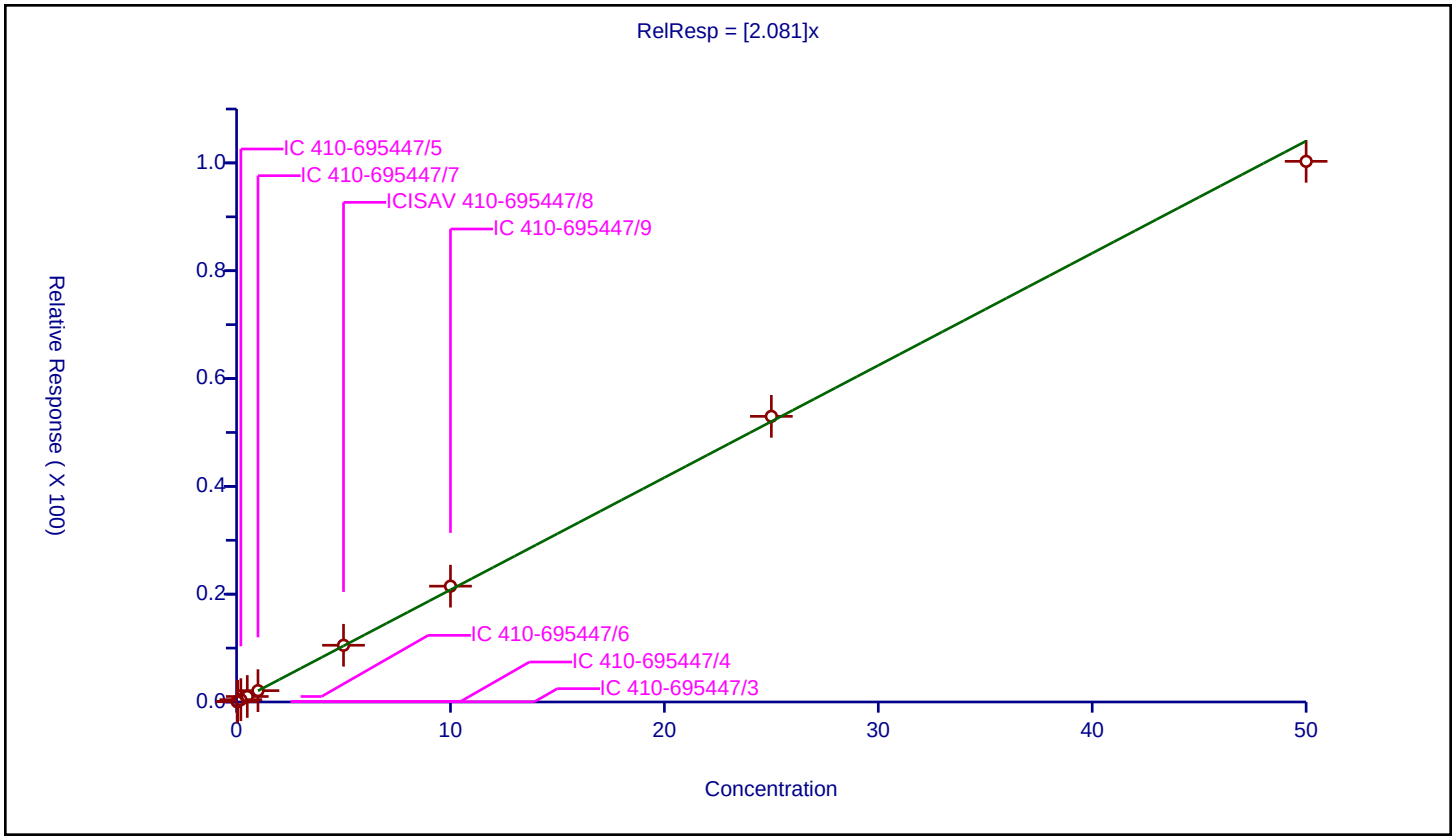
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.081 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.04887 | 10.0 | 332307.0 | 1.954819 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.10401 | 10.0 | 332852.0 | 2.080204 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.433592 | 10.0 | 341173.0 | 2.167962 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.023682 | 10.0 | 333502.0 | 2.047364 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.102638 | 10.0 | 332839.0 | 2.102638 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.523074 | 10.0 | 348421.0 | 2.104615 | Y |
| 7 | IC 410-695447/9 | 10.0 | 21.48702 | 10.0 | 349612.0 | 2.148702 | Y |
| 8 | IC 410-695447/10 | 25.0 | 52.987272 | 10.0 | 350892.0 | 2.119491 | Y |
| 9 | IC 410-695447/11 | 50.0 | 100.294536 | 10.0 | 378290.0 | 2.005891 | Y |



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## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

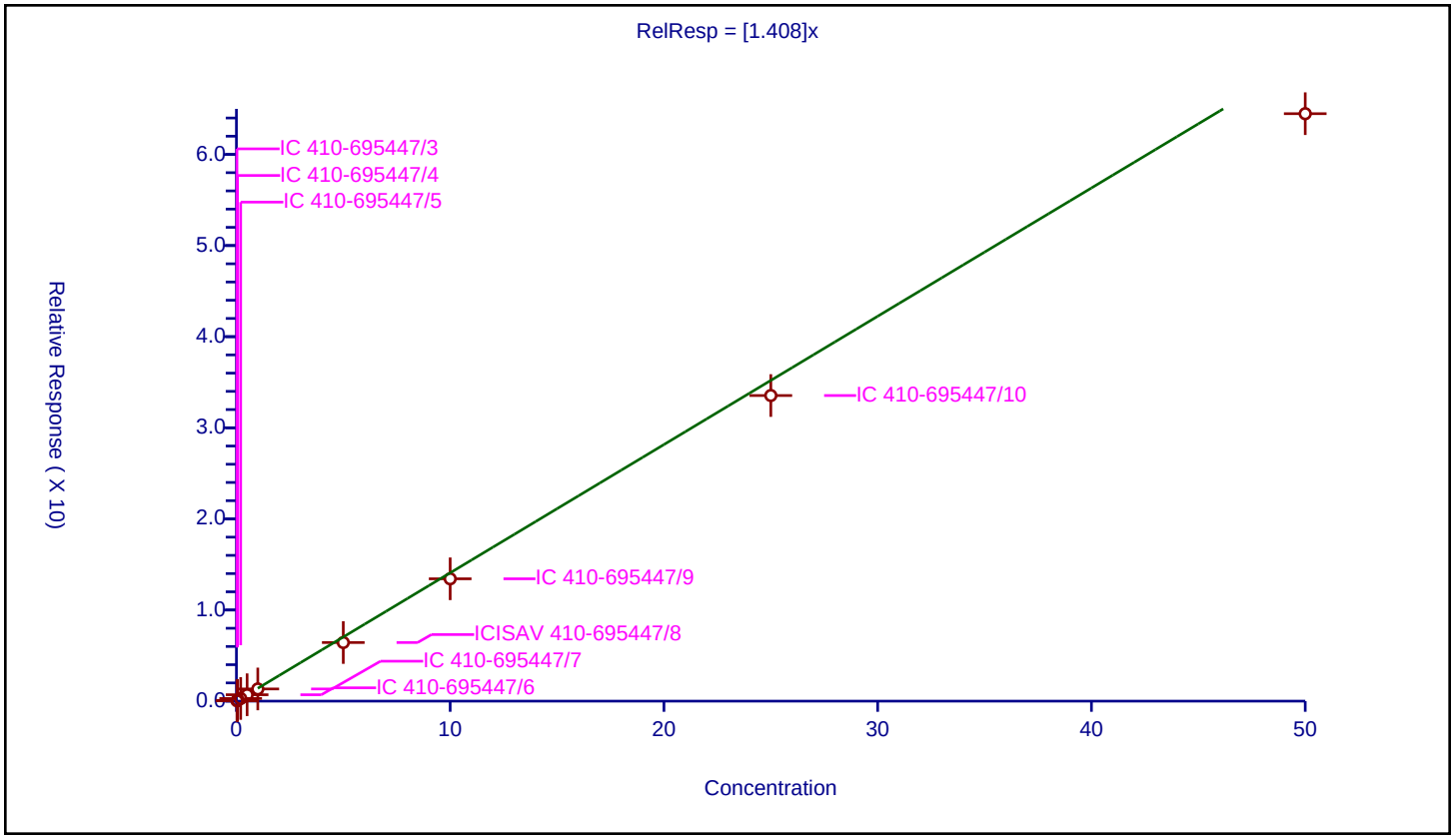
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.408 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.039722 | 10.0 | 332307.0 | 1.588892 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.081147 | 10.0 | 332852.0 | 1.622944 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.291436 | 10.0 | 341173.0 | 1.457179 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.703174 | 10.0 | 333502.0 | 1.406348 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.336412 | 10.0 | 332839.0 | 1.336412 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.433625 | 10.0 | 348421.0 | 1.286725 | Y |
| 7 | IC 410-695447/9 | 10.0 | 13.426112 | 10.0 | 349612.0 | 1.342611 | Y |
| 8 | IC 410-695447/10 | 25.0 | 33.540463 | 10.0 | 350892.0 | 1.341619 | Y |
| 9 | IC 410-695447/11 | 50.0 | 64.472442 | 10.0 | 378290.0 | 1.289449 | Y |



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## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

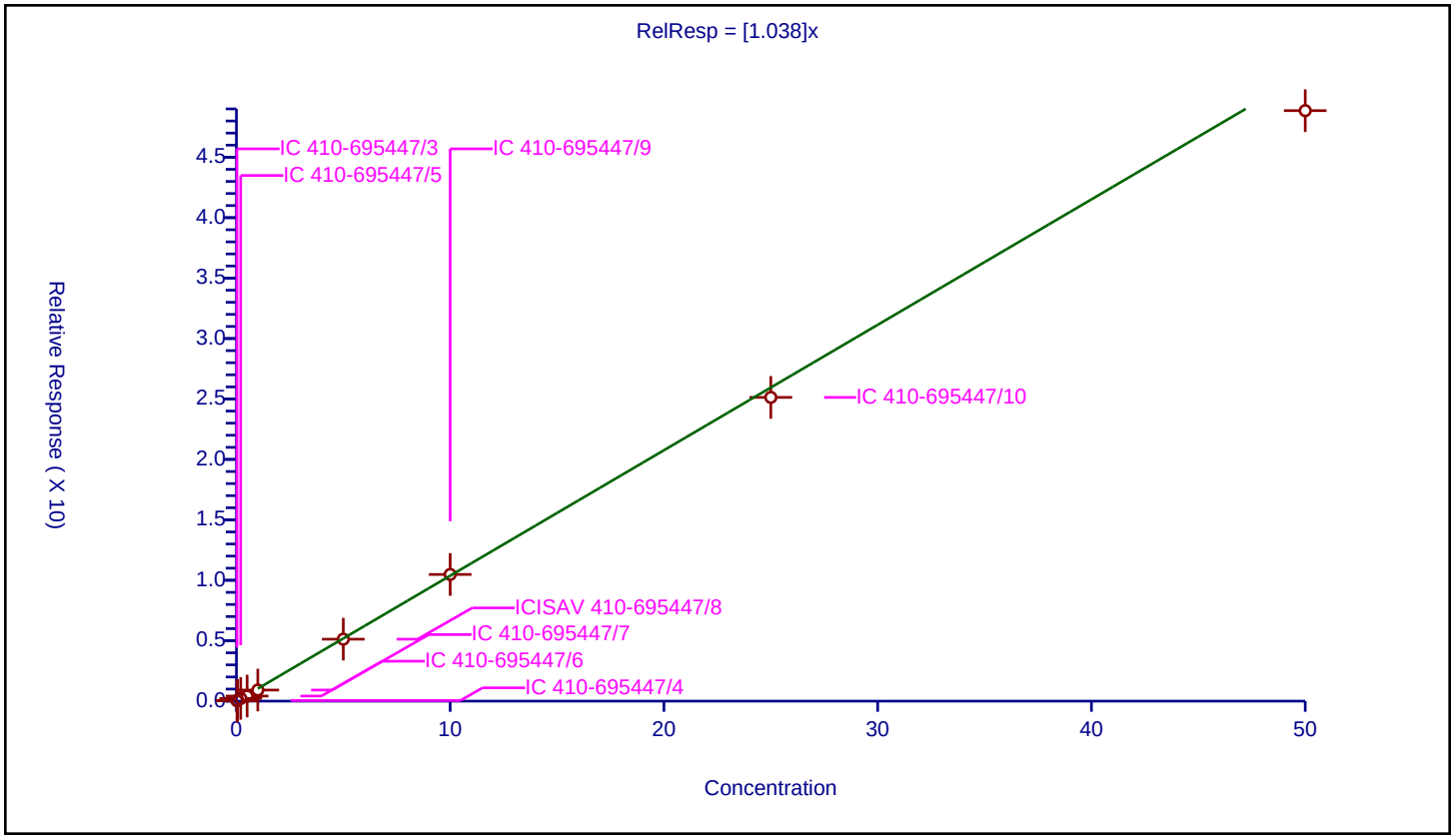
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.038 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.034276 | 10.0 | 332307.0 | 1.371021 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.051224 | 10.0 | 332852.0 | 1.024479 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.225252 | 10.0 | 341173.0 | 1.126261 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.422036 | 10.0 | 333502.0 | 0.844073 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.918763 | 10.0 | 332839.0 | 0.918763 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.12581 | 10.0 | 348421.0 | 1.025162 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.482106 | 10.0 | 349612.0 | 1.048211 | Y |
| 8 | IC 410-695447/10 | 25.0 | 25.130069 | 10.0 | 350892.0 | 1.005203 | Y |
| 9 | IC 410-695447/11 | 50.0 | 48.854582 | 10.0 | 378290.0 | 0.977092 | Y |



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## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

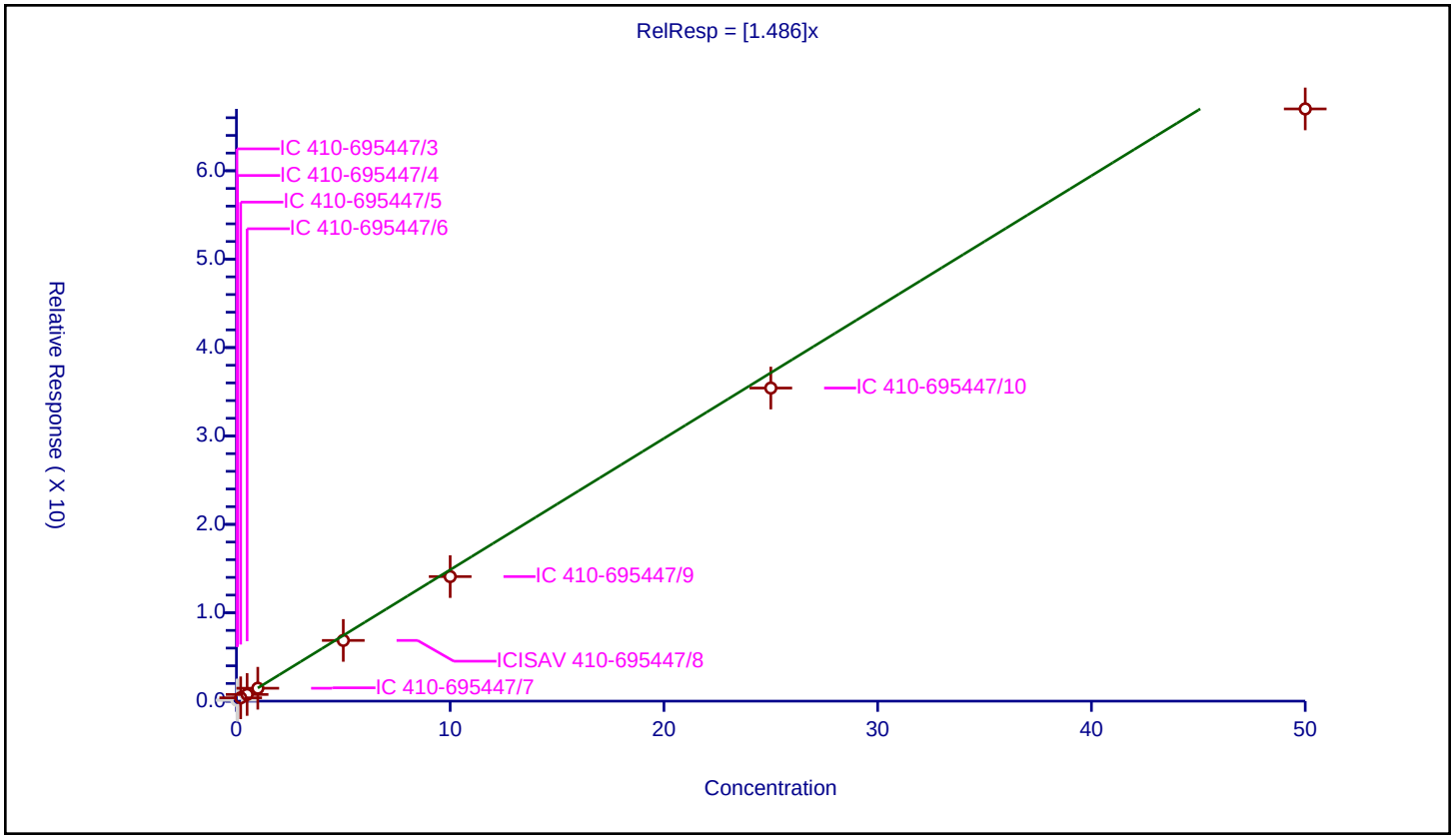
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.486 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.10075 | 10.0 | 332307.0 | 4.030008 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.128255 | 10.0 | 332852.0 | 2.565104 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.37843 | 10.0 | 341173.0 | 1.892149 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.755798 | 10.0 | 333502.0 | 1.511595 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.458543 | 10.0 | 332839.0 | 1.458543 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.8683 | 10.0 | 348421.0 | 1.37366 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.08919 | 10.0 | 349612.0 | 1.408919 | Y |
| 8 | IC 410-695447/10 | 25.0 | 35.419189 | 10.0 | 350892.0 | 1.416768 | Y |
| 9 | IC 410-695447/11 | 50.0 | 66.997779 | 10.0 | 378290.0 | 1.339956 | Y |



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## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

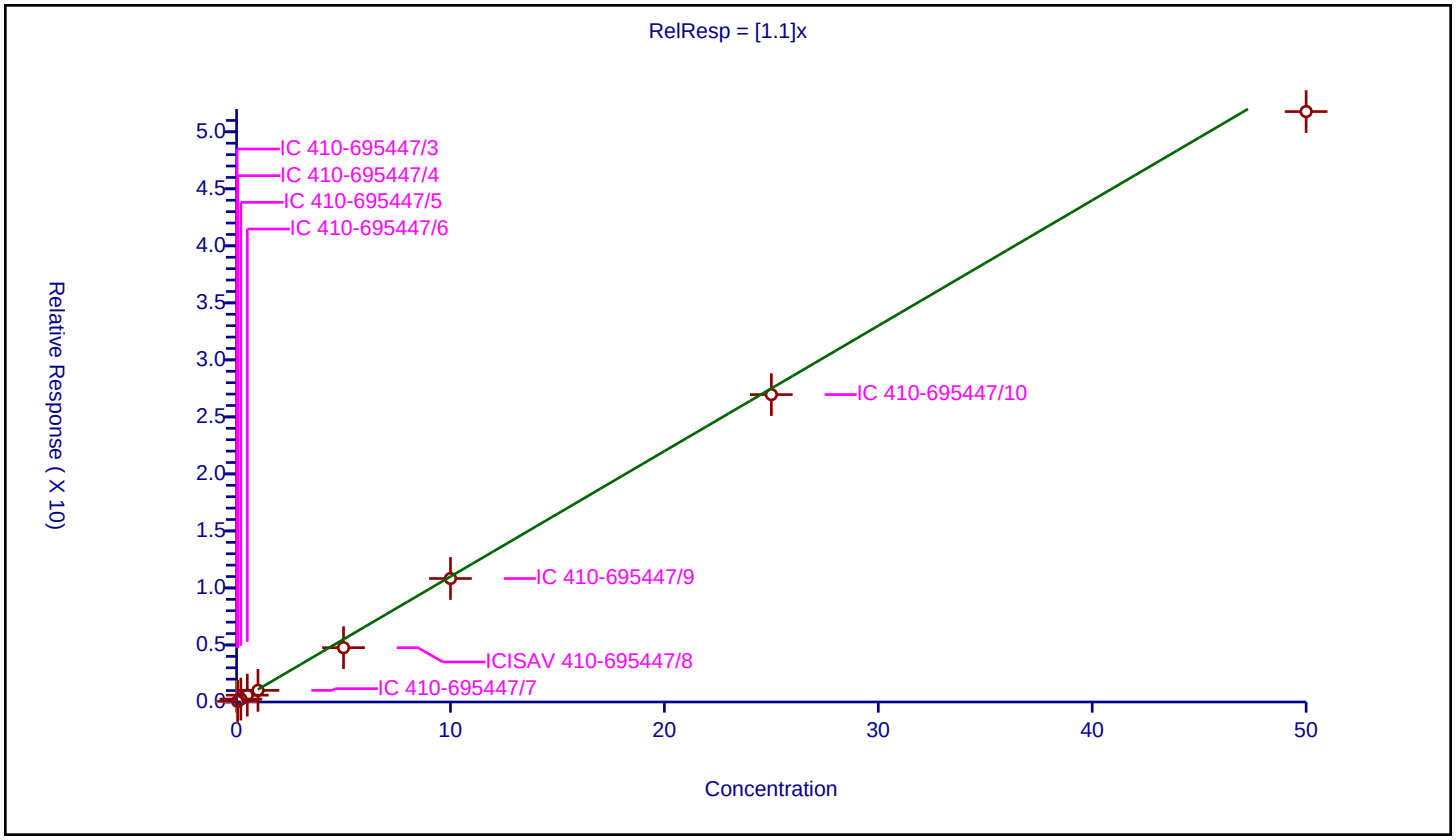
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.1 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.047426 | 10.0 | 332307.0 | 1.897041 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.057293 | 10.0 | 332852.0 | 1.145855 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.256732 | 10.0 | 341173.0 | 1.28366 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.600266 | 10.0 | 333502.0 | 1.200533 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.019442 | 10.0 | 332839.0 | 1.019442 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.761883 | 10.0 | 348421.0 | 0.952377 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.82766 | 10.0 | 349612.0 | 1.082766 | Y |
| 8 | IC 410-695447/10 | 25.0 | 26.956043 | 10.0 | 350892.0 | 1.078242 | Y |
| 9 | IC 410-695447/11 | 50.0 | 51.775966 | 10.0 | 378290.0 | 1.035519 | Y |



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## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

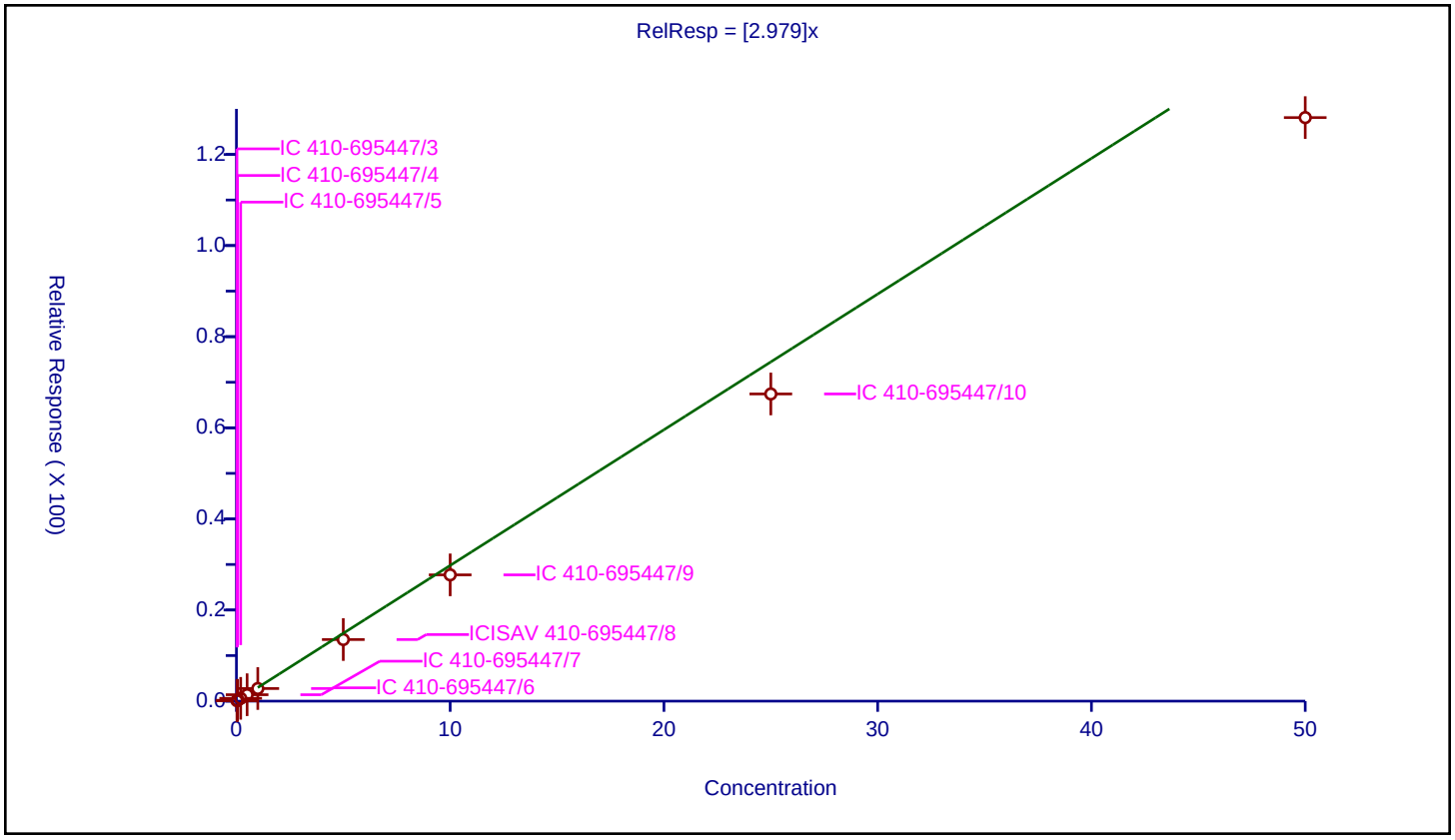
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.979 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.093558 | 10.0 | 332307.0 | 3.742323 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.182664 | 10.0 | 332852.0 | 3.653275 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.618455 | 10.0 | 341173.0 | 3.092273 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.409137 | 10.0 | 333502.0 | 2.818274 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.765391 | 10.0 | 332839.0 | 2.765391 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 13.519937 | 10.0 | 348421.0 | 2.703987 | Y |
| 7 | IC 410-695447/9 | 10.0 | 27.721989 | 10.0 | 349612.0 | 2.772199 | Y |
| 8 | IC 410-695447/10 | 25.0 | 67.425162 | 10.0 | 350892.0 | 2.697006 | Y |
| 9 | IC 410-695447/11 | 50.0 | 128.090883 | 10.0 | 378290.0 | 2.561818 | Y |



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## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

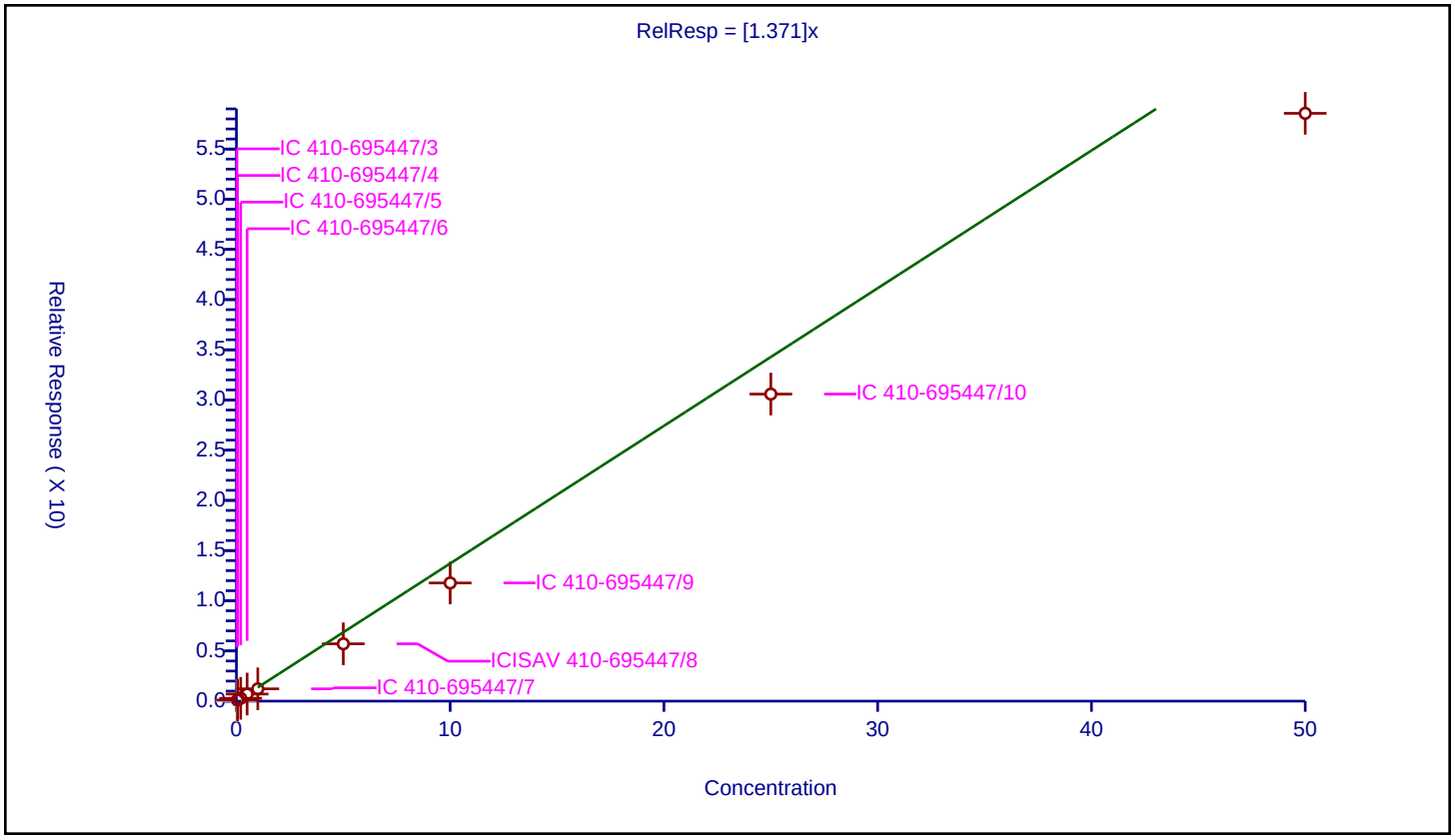
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.371 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 25.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.053776 | 10.0 | 332307.0 | 2.151023 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.11047 | 10.0 | 332852.0 | 2.20939 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.281382 | 10.0 | 341173.0 | 1.406911 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.707552 | 10.0 | 333502.0 | 1.415104 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.224105 | 10.0 | 332839.0 | 1.224105 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.710993 | 10.0 | 348421.0 | 1.142199 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.775254 | 10.0 | 349612.0 | 1.177525 | Y |
| 8 | IC 410-695447/10 | 25.0 | 30.588871 | 10.0 | 350892.0 | 1.223555 | Y |
| 9 | IC 410-695447/11 | 50.0 | 58.557509 | 10.0 | 378290.0 | 1.17115 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

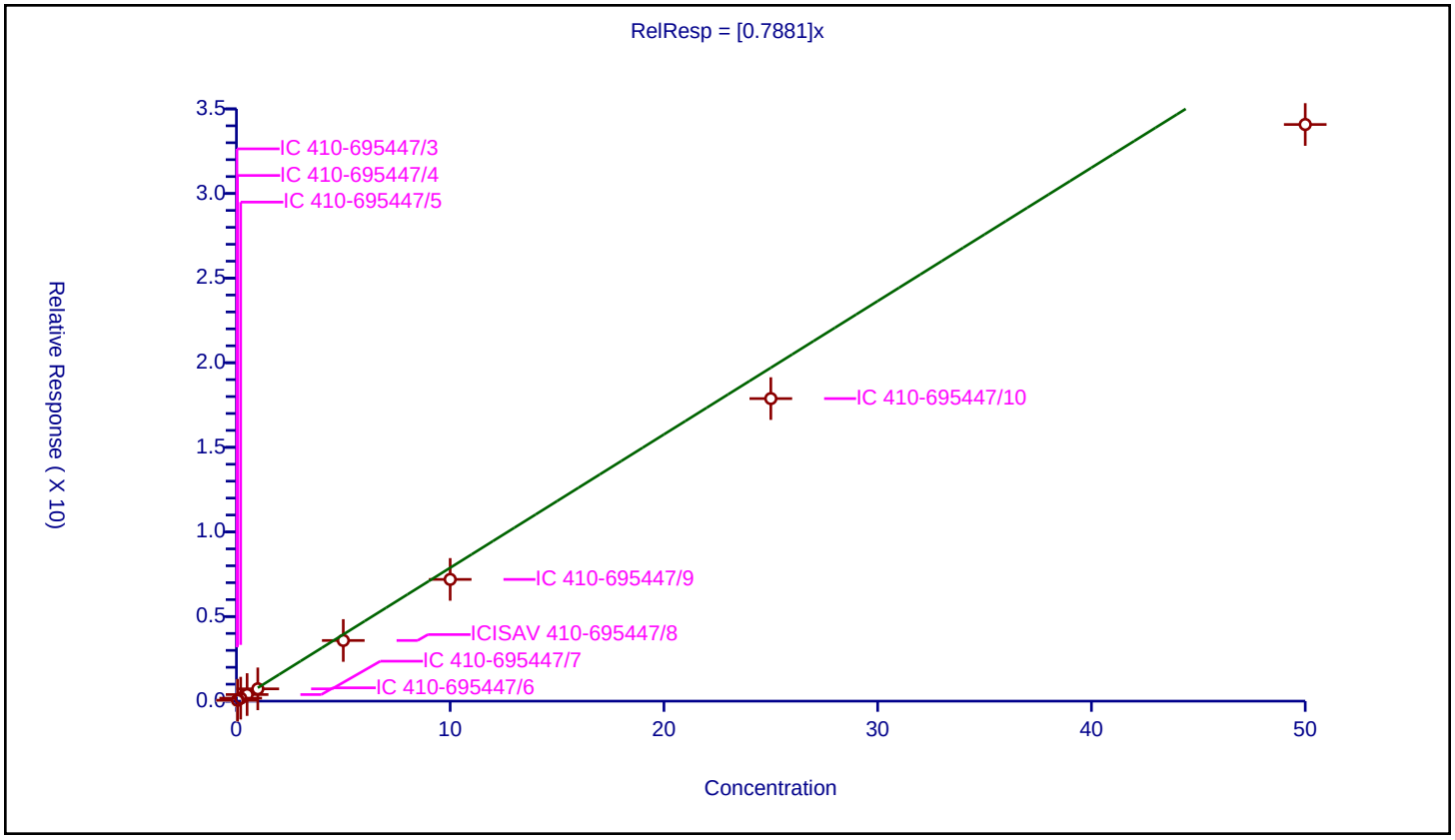
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7881 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.030394 | 10.0 | 332307.0 | 1.215743 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.054409 | 10.0 | 332852.0 | 1.088171 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.175454 | 10.0 | 341173.0 | 0.877268 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.389743 | 10.0 | 333502.0 | 0.779486 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.726808 | 10.0 | 332839.0 | 0.726808 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.584887 | 10.0 | 348421.0 | 0.716977 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.19449 | 10.0 | 349612.0 | 0.719449 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.87912 | 10.0 | 350892.0 | 0.715165 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.077084 | 10.0 | 378290.0 | 0.681542 | Y |



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## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

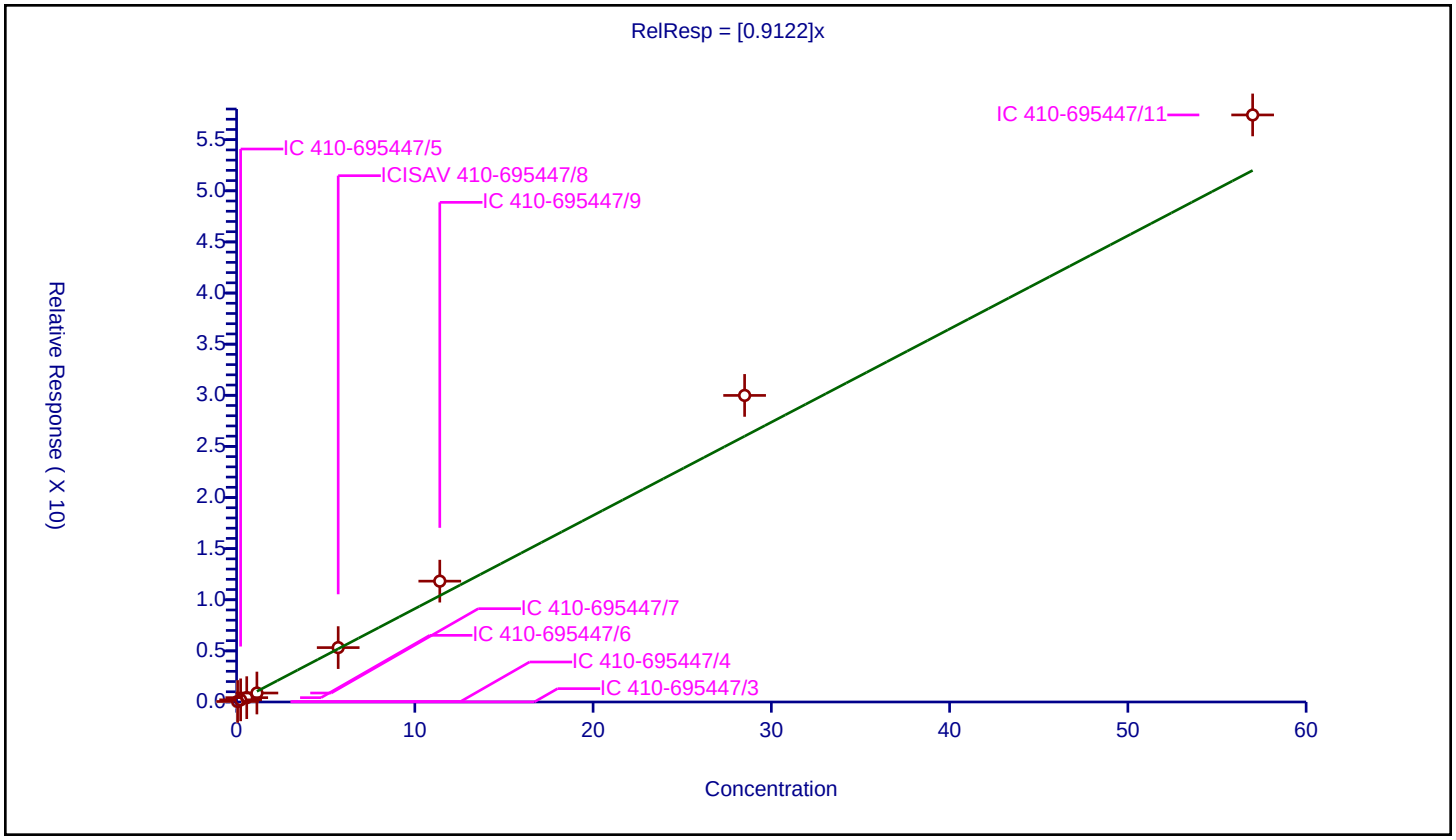
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9122 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.0285 | 0.011736 | 10.0 | 332307.0 | 0.411794 | N |
| 2 | IC 410-695447/4 | 0.057 | 0.047739 | 10.0 | 332852.0 | 0.837525 | Y |
| 3 | IC 410-695447/5 | 0.228 | 0.209278 | 10.0 | 341173.0 | 0.917886 | Y |
| 4 | IC 410-695447/6 | 0.57 | 0.423296 | 10.0 | 333502.0 | 0.742624 | Y |
| 5 | IC 410-695447/7 | 1.14 | 0.877421 | 10.0 | 332839.0 | 0.769668 | Y |
| 6 | ICISAV 410-695447/8 | 5.7 | 5.320173 | 10.0 | 348421.0 | 0.933364 | Y |
| 7 | IC 410-695447/9 | 11.4 | 11.819017 | 10.0 | 349612.0 | 1.036756 | Y |
| 8 | IC 410-695447/10 | 28.5 | 29.986207 | 10.0 | 350892.0 | 1.052148 | Y |
| 9 | IC 410-695447/11 | 57.0 | 57.419784 | 10.0 | 378290.0 | 1.007365 | Y |



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## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

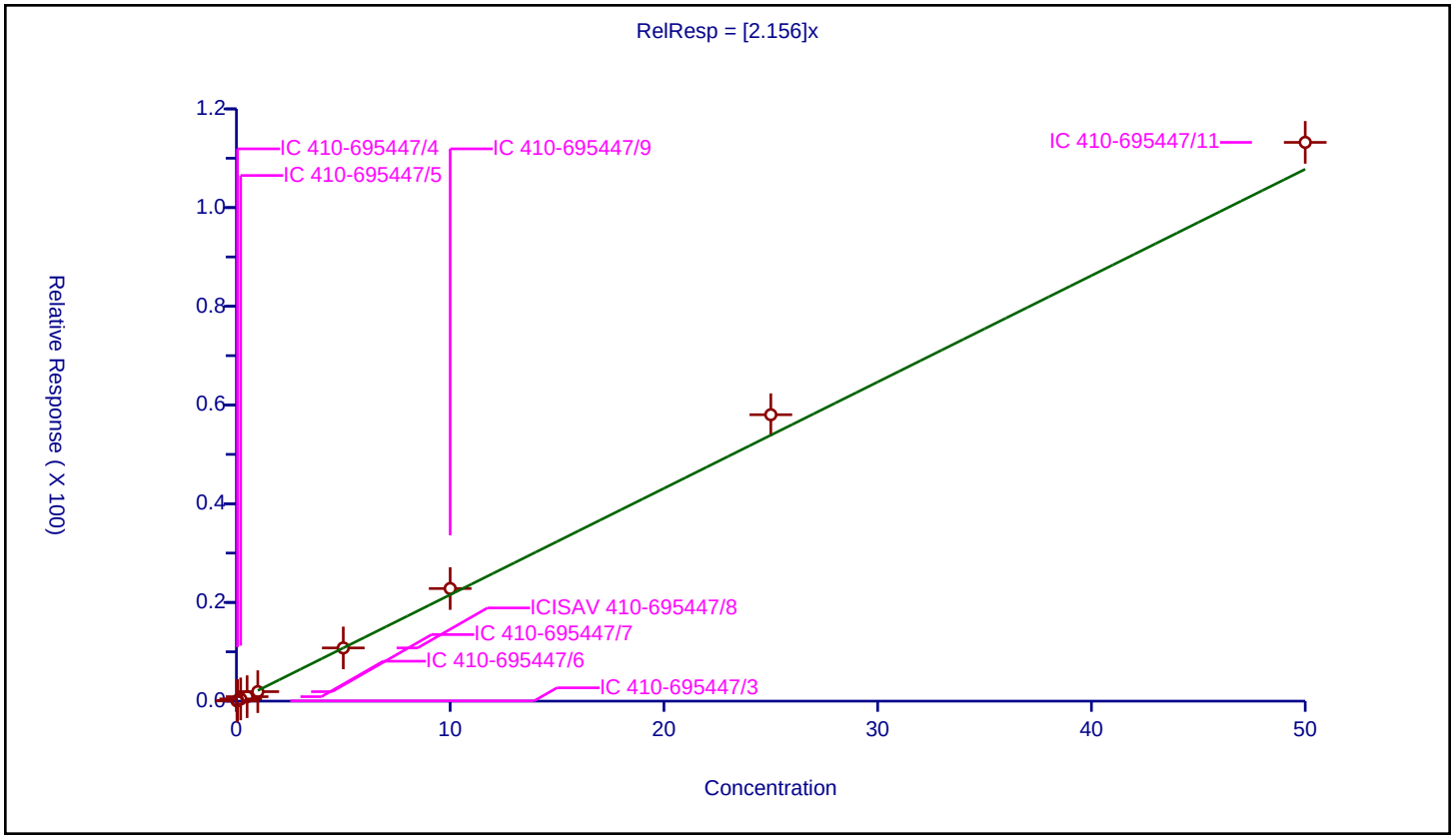
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.156 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.05188 | 10.0 | 332307.0 | 2.07519 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.115937 | 10.0 | 332852.0 | 2.318748 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.450211 | 10.0 | 341173.0 | 2.251057 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.903623 | 10.0 | 333502.0 | 1.807246 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.925225 | 10.0 | 332839.0 | 1.925225 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 10.777307 | 10.0 | 348421.0 | 2.155461 | Y |
| 7 | IC 410-695447/9 | 10.0 | 22.819869 | 10.0 | 349612.0 | 2.281987 | Y |
| 8 | IC 410-695447/10 | 25.0 | 58.035606 | 10.0 | 350892.0 | 2.321424 | Y |
| 9 | IC 410-695447/11 | 50.0 | 113.217188 | 10.0 | 378290.0 | 2.264344 | Y |



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## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

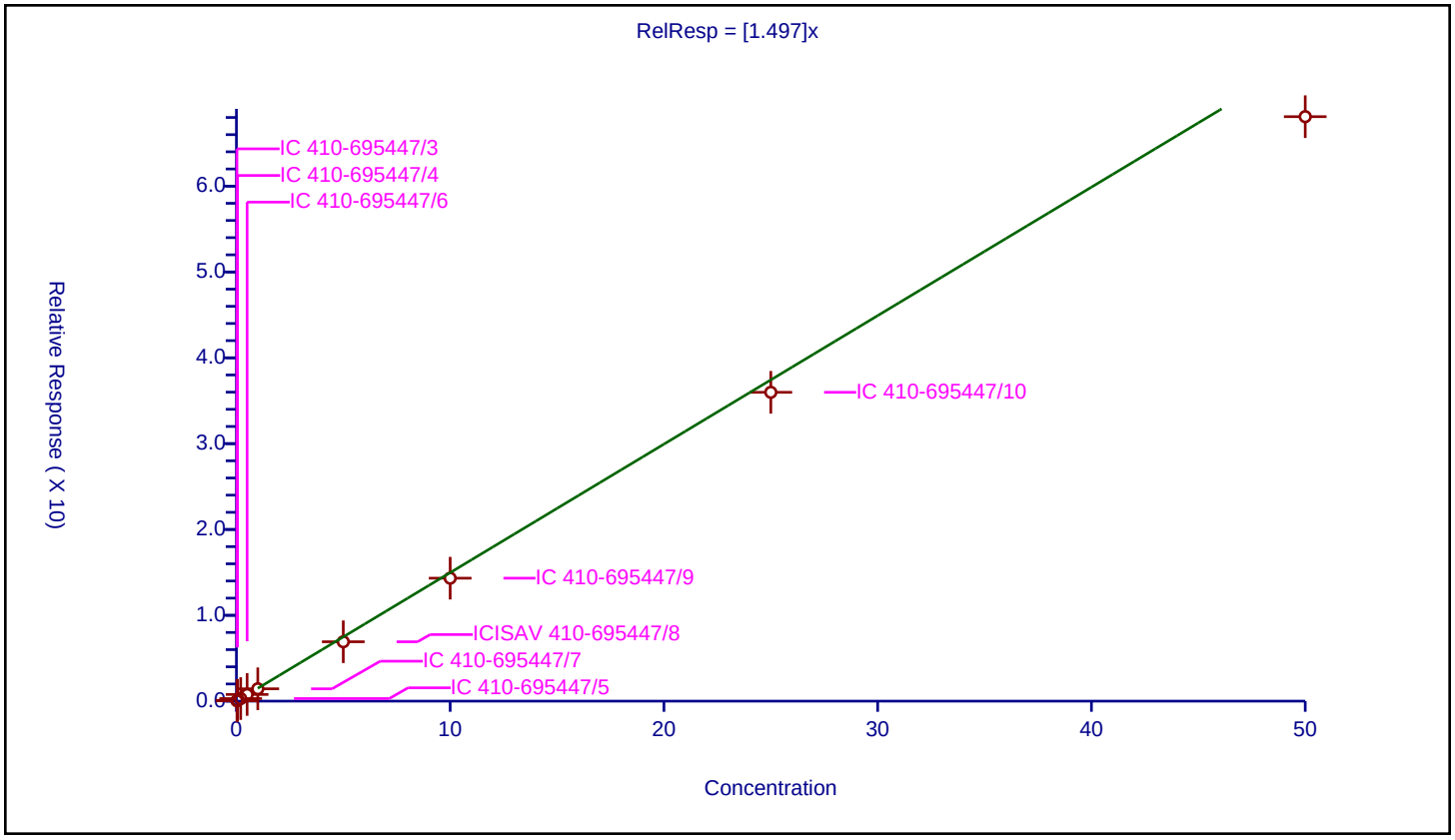
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.497 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.03903 | 10.0 | 332307.0 | 1.561207 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.090551 | 10.0 | 332852.0 | 1.811015 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.298822 | 10.0 | 341173.0 | 1.49411 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.776067 | 10.0 | 333502.0 | 1.552135 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.438293 | 10.0 | 332839.0 | 1.438293 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.918182 | 10.0 | 348421.0 | 1.383636 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.324222 | 10.0 | 349612.0 | 1.432422 | Y |
| 8 | IC 410-695447/10 | 25.0 | 35.981955 | 10.0 | 350892.0 | 1.439278 | Y |
| 9 | IC 410-695447/11 | 50.0 | 68.094134 | 10.0 | 378290.0 | 1.361883 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

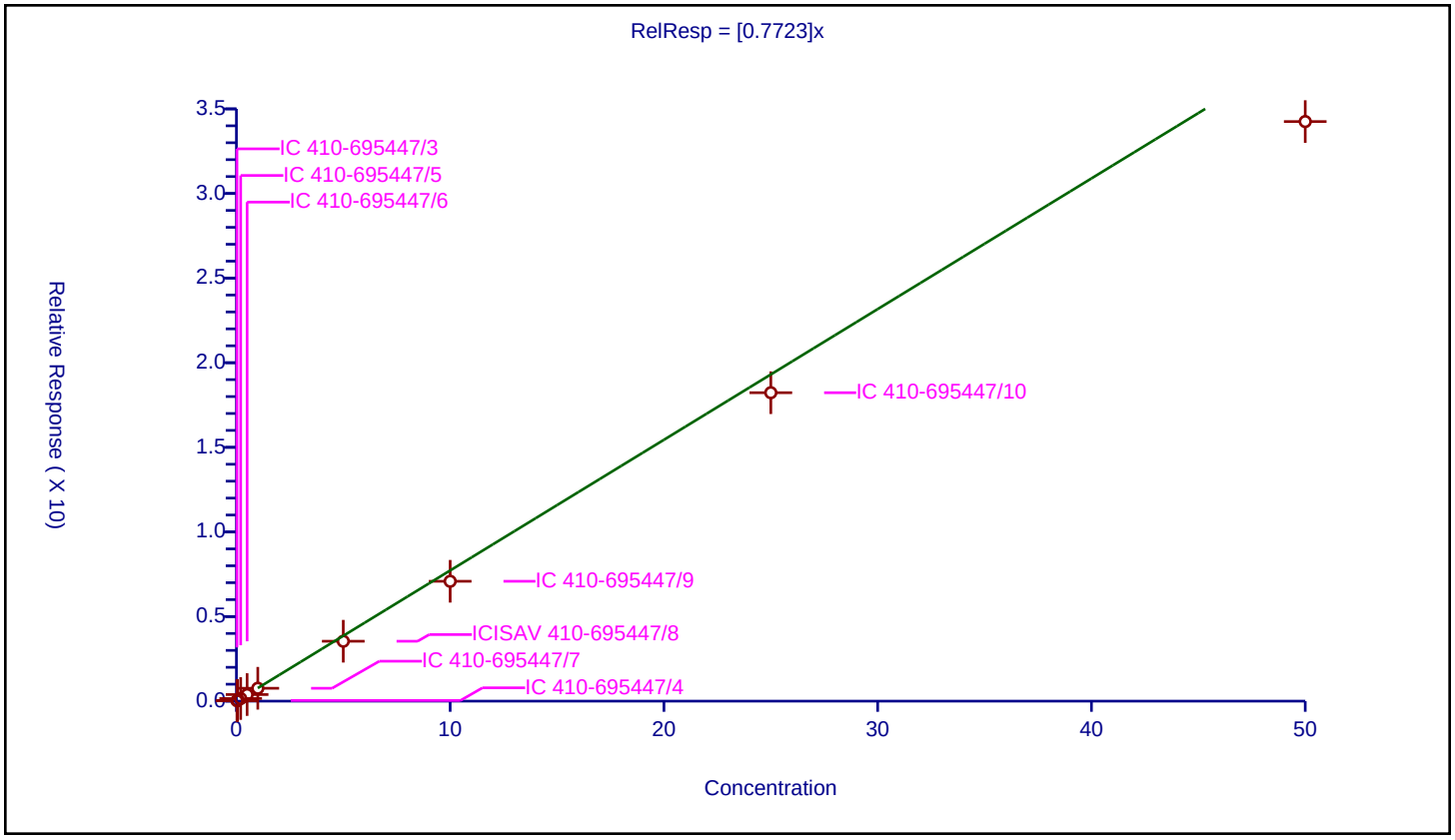
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7723 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.02597 | 10.0 | 332307.0 | 1.038798 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.038335 | 10.0 | 332852.0 | 0.766707 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.154877 | 10.0 | 341173.0 | 0.774387 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.389443 | 10.0 | 333502.0 | 0.778886 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.760698 | 10.0 | 332839.0 | 0.760698 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.541233 | 10.0 | 348421.0 | 0.708247 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.084025 | 10.0 | 349612.0 | 0.708402 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.228087 | 10.0 | 350892.0 | 0.729123 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.251527 | 10.0 | 378290.0 | 0.685031 | Y |



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## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

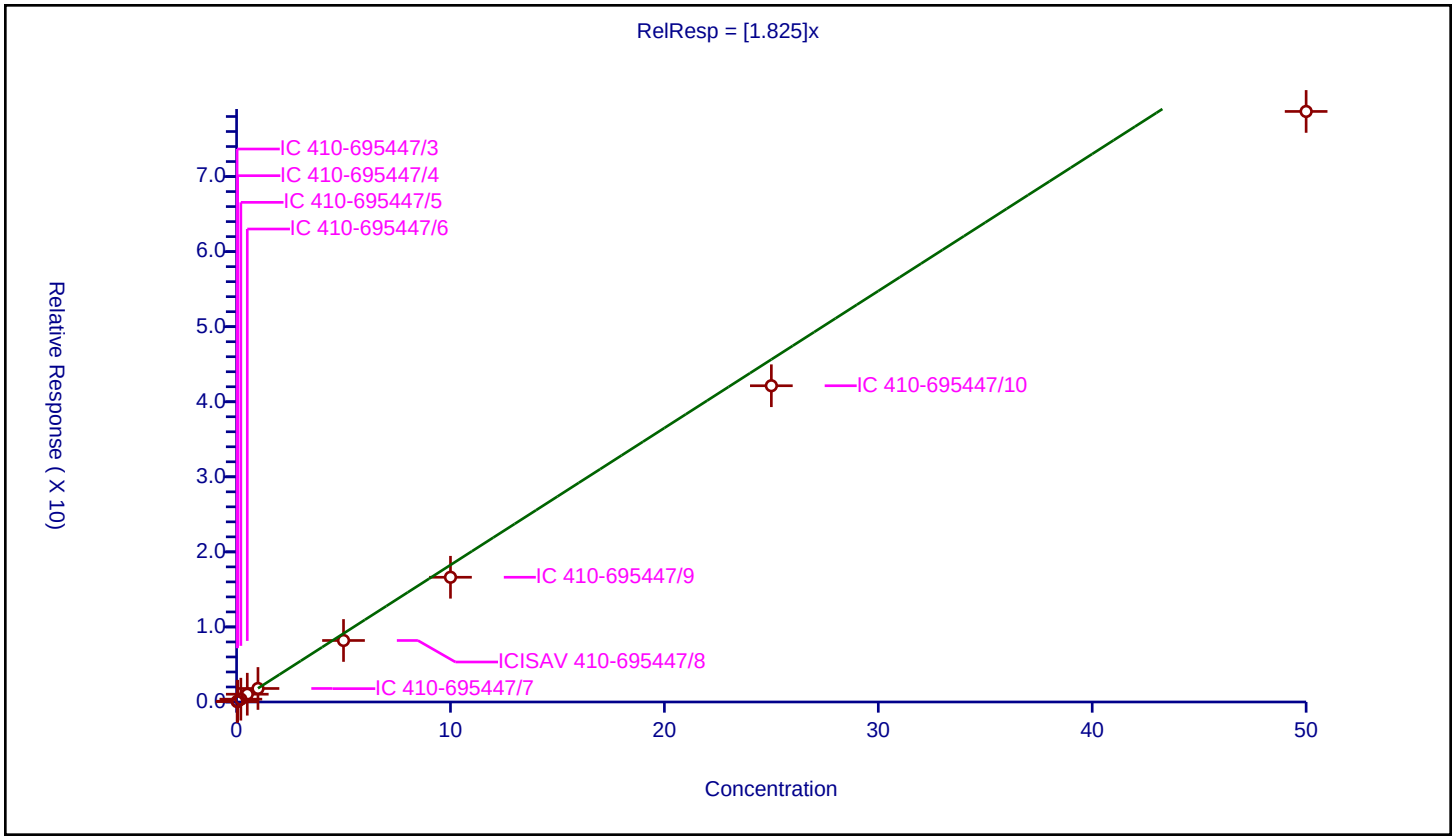
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.052722 | 10.0 | 332307.0 | 2.108893 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.100735 | 10.0 | 332852.0 | 2.014709 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.374942 | 10.0 | 341173.0 | 1.874709 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.035826 | 10.0 | 333502.0 | 2.071652 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.797956 | 10.0 | 332839.0 | 1.797956 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.193852 | 10.0 | 348421.0 | 1.63877 | Y |
| 7 | IC 410-695447/9 | 10.0 | 16.616678 | 10.0 | 349612.0 | 1.661668 | Y |
| 8 | IC 410-695447/10 | 25.0 | 42.132793 | 10.0 | 350892.0 | 1.685312 | Y |
| 9 | IC 410-695447/11 | 50.0 | 78.678131 | 10.0 | 378290.0 | 1.573563 | Y |



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## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

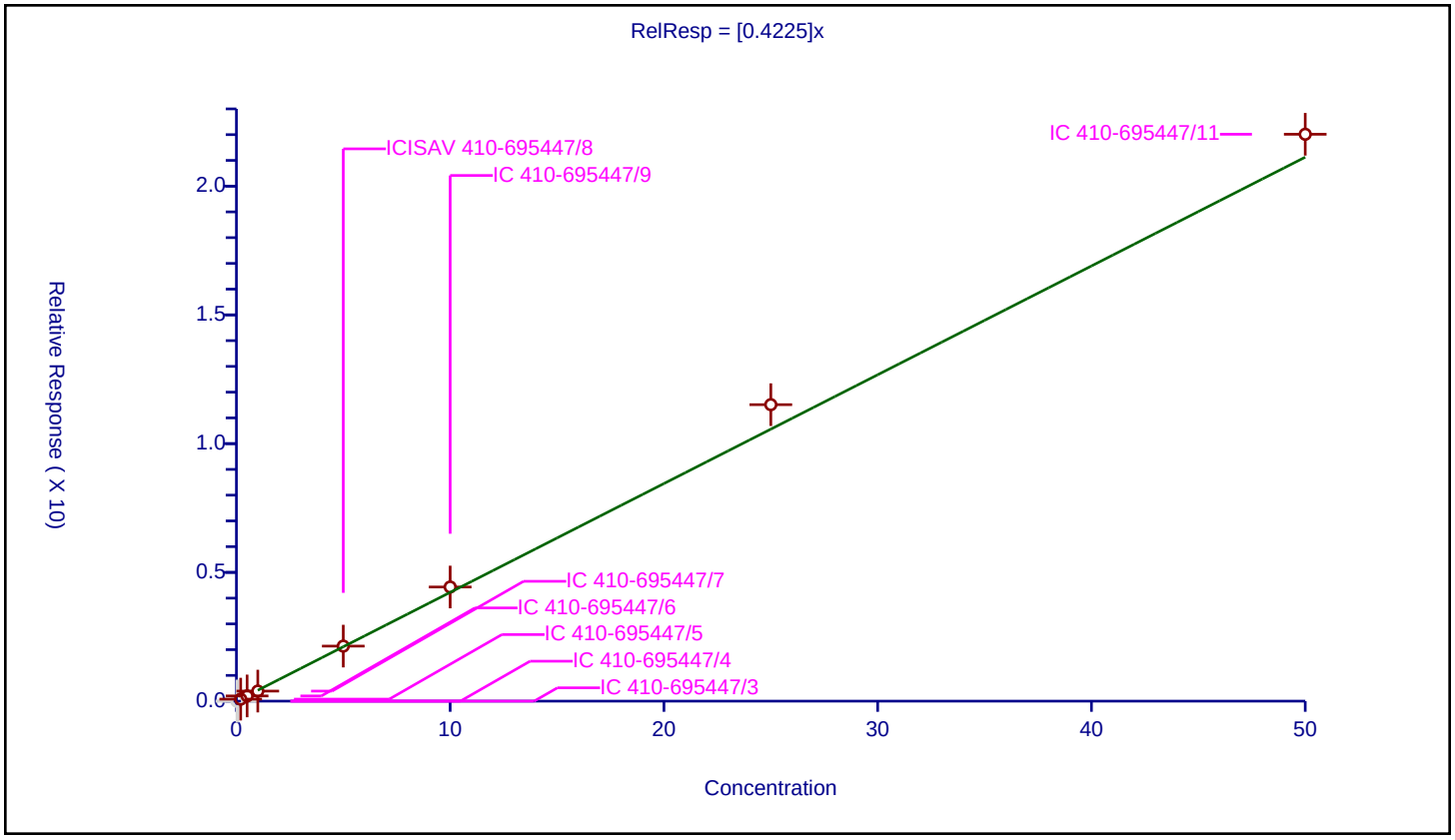
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.0 | 10.0 | 332852.0 | 0.0 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.078142 | 10.0 | 341173.0 | 0.390711 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.202607 | 10.0 | 333502.0 | 0.405215 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.390038 | 10.0 | 332839.0 | 0.390038 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.137012 | 10.0 | 348421.0 | 0.427402 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.432228 | 10.0 | 349612.0 | 0.443223 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.513771 | 10.0 | 350892.0 | 0.460551 | Y |
| 9 | IC 410-695447/11 | 50.0 | 22.014698 | 10.0 | 378290.0 | 0.440294 | Y |



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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

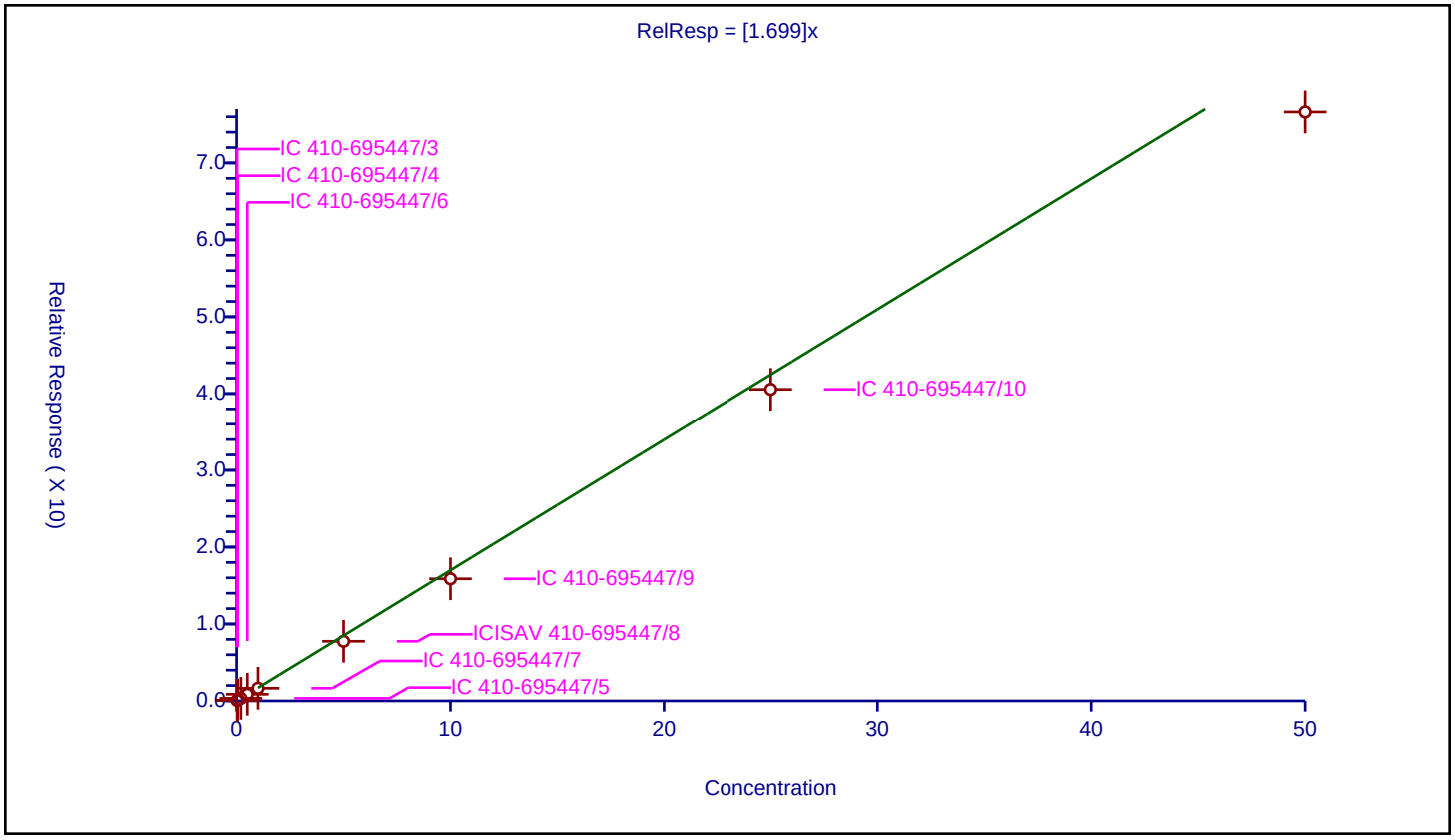
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.699 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.049201 | 10.0 | 332307.0 | 1.96806 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.099534 | 10.0 | 332852.0 | 1.990675 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.333995 | 10.0 | 341173.0 | 1.669974 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.863263 | 10.0 | 333502.0 | 1.726526 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.641665 | 10.0 | 332839.0 | 1.641665 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 7.752231 | 10.0 | 348421.0 | 1.550446 | Y |
| 7 | IC 410-695447/9 | 10.0 | 15.875914 | 10.0 | 349612.0 | 1.587591 | Y |
| 8 | IC 410-695447/10 | 25.0 | 40.550825 | 10.0 | 350892.0 | 1.622033 | Y |
| 9 | IC 410-695447/11 | 50.0 | 76.619604 | 10.0 | 378290.0 | 1.532392 | Y |



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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

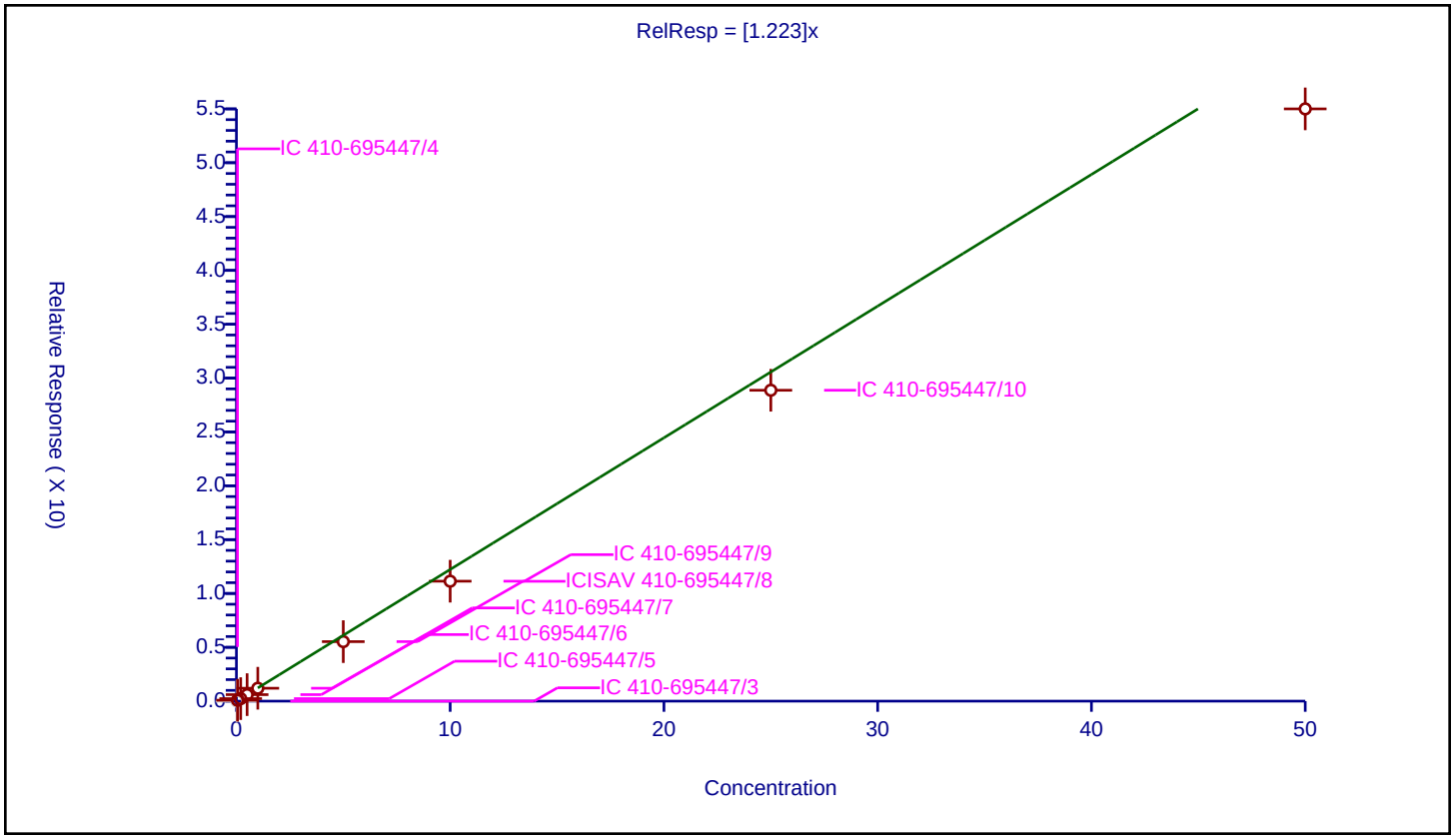
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.223 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 332307.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.086315 | 10.0 | 332852.0 | 1.726293 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.234427 | 10.0 | 341173.0 | 1.172133 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.605574 | 10.0 | 333502.0 | 1.211147 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.198357 | 10.0 | 332839.0 | 1.198357 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.526389 | 10.0 | 348421.0 | 1.105278 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.137861 | 10.0 | 349612.0 | 1.113786 | Y |
| 8 | IC 410-695447/10 | 25.0 | 28.871106 | 10.0 | 350892.0 | 1.154844 | Y |
| 9 | IC 410-695447/11 | 50.0 | 54.999974 | 10.0 | 378290.0 | 1.099999 | Y |



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## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

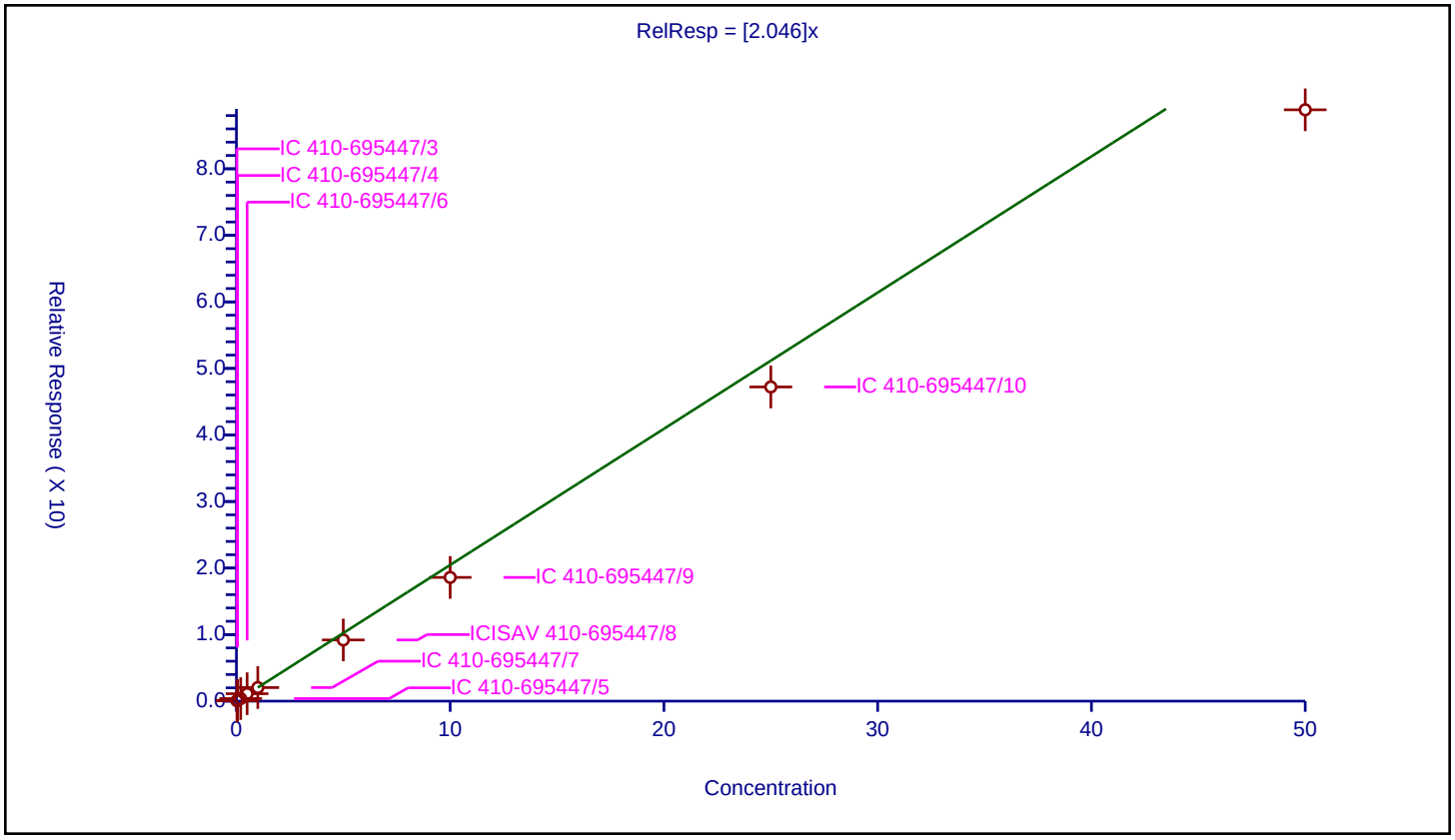
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.046 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.061208 | 10.0 | 332307.0 | 2.448338 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.119362 | 10.0 | 332852.0 | 2.387247 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.387985 | 10.0 | 341173.0 | 1.939925 | Y |
| 4 | IC 410-695447/6 | 0.5 | 1.119094 | 10.0 | 333502.0 | 2.238187 | Y |
| 5 | IC 410-695447/7 | 1.0 | 2.039515 | 10.0 | 332839.0 | 2.039515 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 9.196891 | 10.0 | 348421.0 | 1.839378 | Y |
| 7 | IC 410-695447/9 | 10.0 | 18.594242 | 10.0 | 349612.0 | 1.859424 | Y |
| 8 | IC 410-695447/10 | 25.0 | 47.215354 | 10.0 | 350892.0 | 1.888614 | Y |
| 9 | IC 410-695447/11 | 50.0 | 88.864522 | 10.0 | 378290.0 | 1.77729 | Y |



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## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

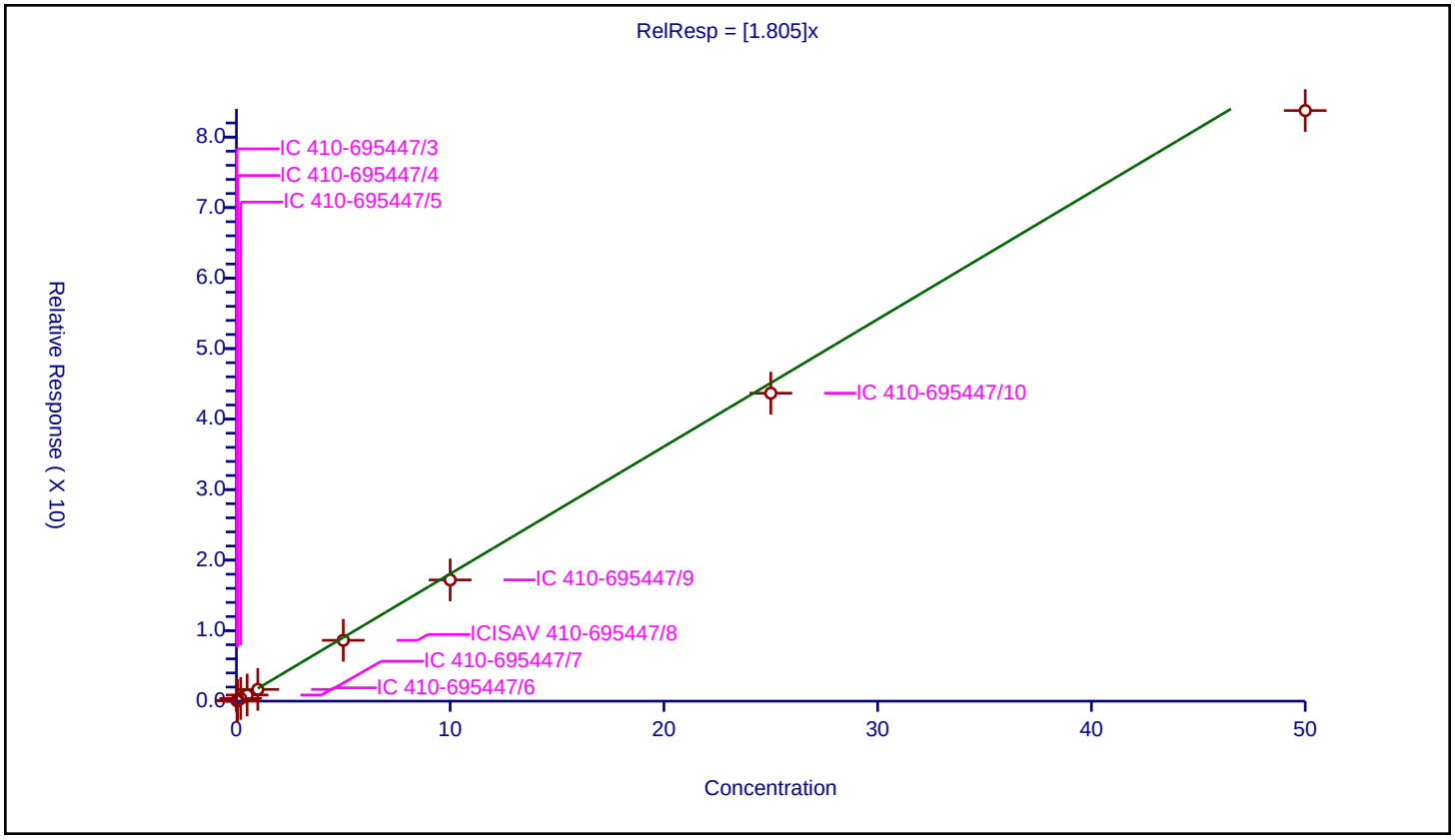
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.805 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.053866 | 10.0 | 332307.0 | 2.154634 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.095508 | 10.0 | 332852.0 | 1.910158 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.380071 | 10.0 | 341173.0 | 1.900356 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.875377 | 10.0 | 333502.0 | 1.750754 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.663717 | 10.0 | 332839.0 | 1.663717 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.631483 | 10.0 | 348421.0 | 1.726297 | Y |
| 7 | IC 410-695447/9 | 10.0 | 17.195205 | 10.0 | 349612.0 | 1.71952 | Y |
| 8 | IC 410-695447/10 | 25.0 | 43.678767 | 10.0 | 350892.0 | 1.747151 | Y |
| 9 | IC 410-695447/11 | 50.0 | 83.760818 | 10.0 | 378290.0 | 1.675216 | Y |



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## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

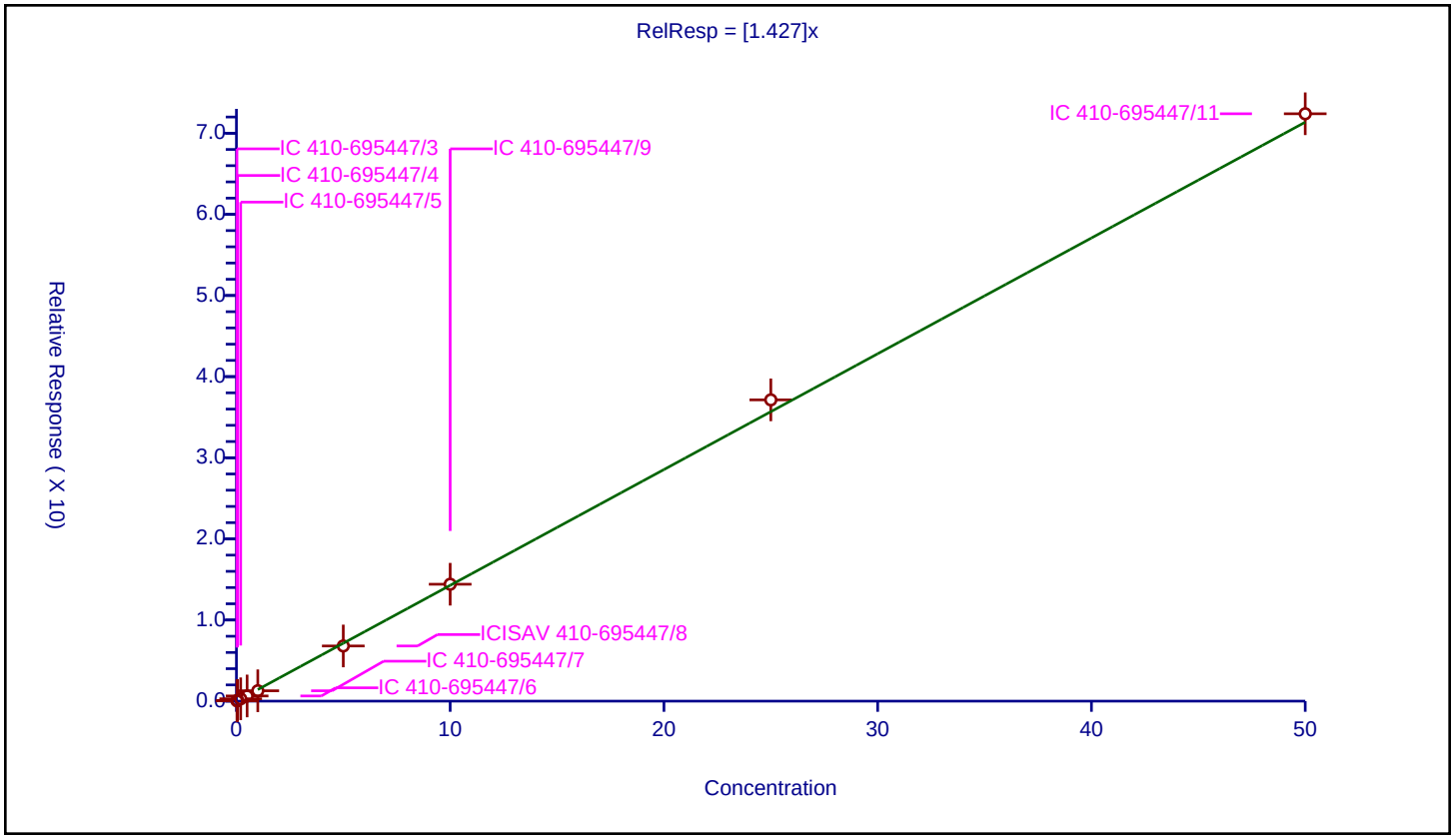
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.427 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.037917 | 10.0 | 332307.0 | 1.51667 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.078864 | 10.0 | 332852.0 | 1.577278 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.291963 | 10.0 | 341173.0 | 1.459817 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.638077 | 10.0 | 333502.0 | 1.276154 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.280289 | 10.0 | 332839.0 | 1.280289 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.800824 | 10.0 | 348421.0 | 1.360165 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.411834 | 10.0 | 349612.0 | 1.441183 | Y |
| 8 | IC 410-695447/10 | 25.0 | 37.13513 | 10.0 | 350892.0 | 1.485405 | Y |
| 9 | IC 410-695447/11 | 50.0 | 72.398821 | 10.0 | 378290.0 | 1.447976 | Y |



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## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

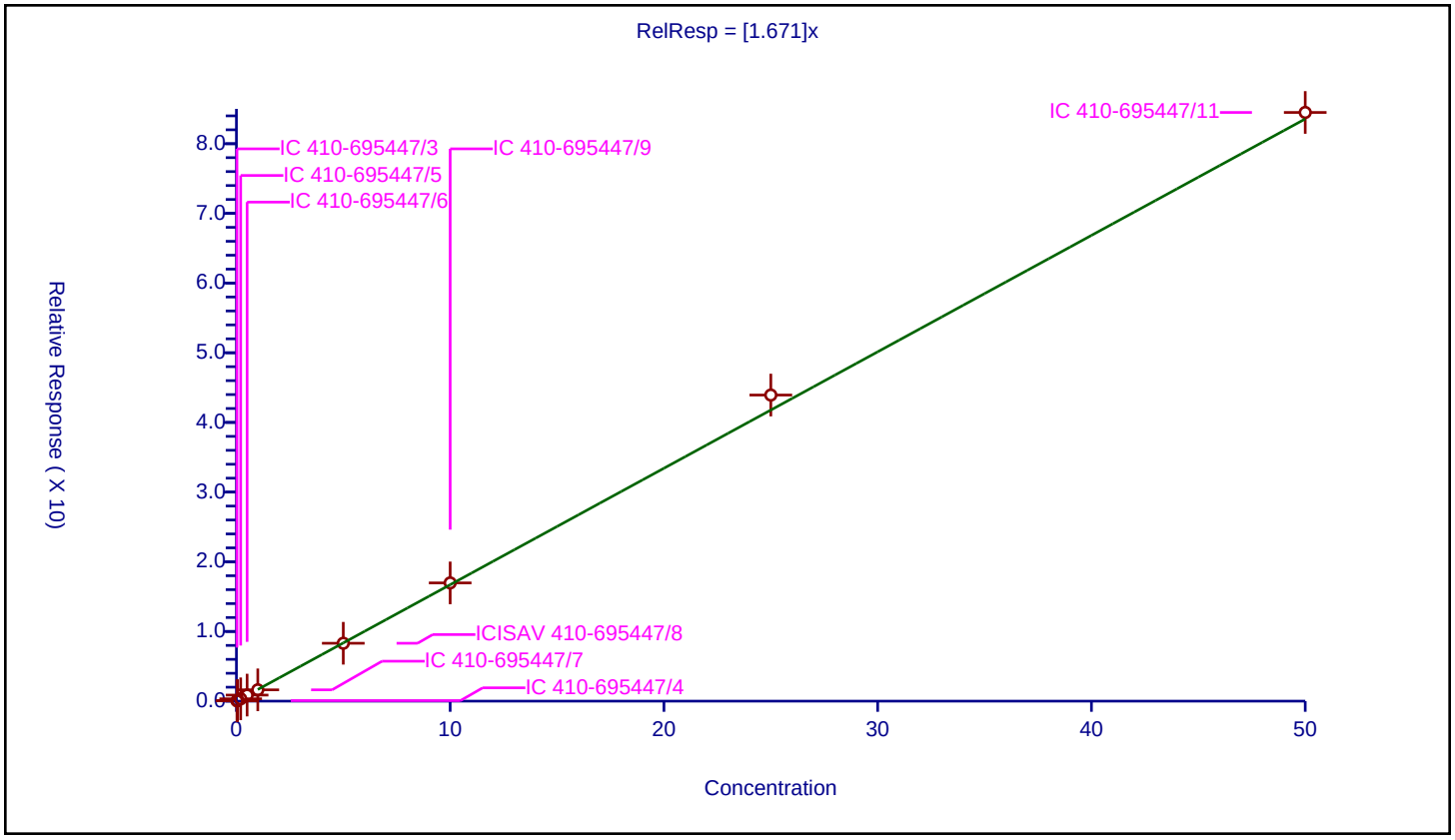
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.671 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.042401 | 10.0 | 332307.0 | 1.696022 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.075169 | 10.0 | 332852.0 | 1.503371 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.334962 | 10.0 | 341173.0 | 1.67481 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.86875 | 10.0 | 333502.0 | 1.737501 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.622827 | 10.0 | 332839.0 | 1.622827 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 8.309086 | 10.0 | 348421.0 | 1.661817 | Y |
| 7 | IC 410-695447/9 | 10.0 | 16.968783 | 10.0 | 349612.0 | 1.696878 | Y |
| 8 | IC 410-695447/10 | 25.0 | 43.930868 | 10.0 | 350892.0 | 1.757235 | Y |
| 9 | IC 410-695447/11 | 50.0 | 84.488276 | 10.0 | 378290.0 | 1.689766 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

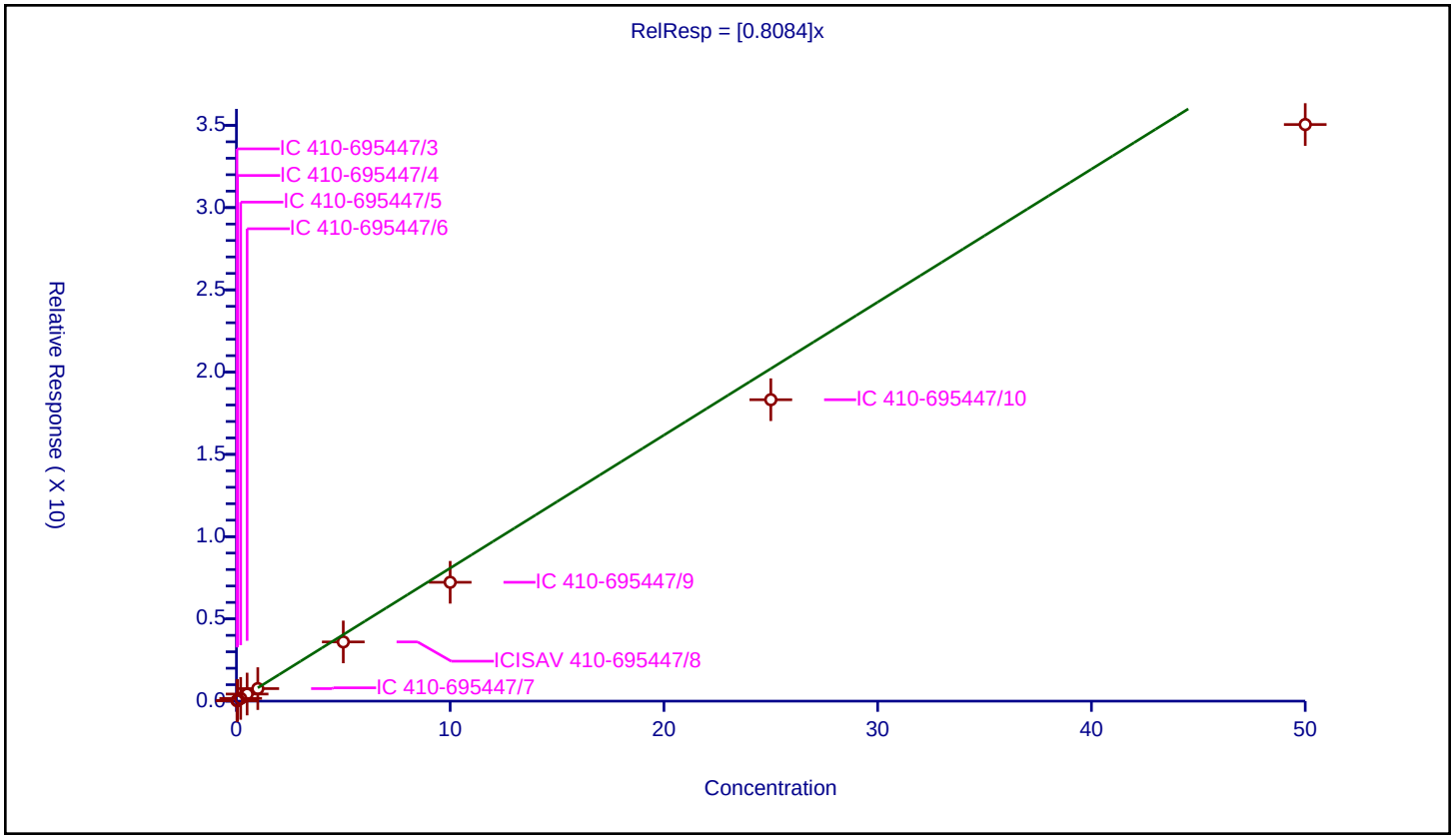
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.026507 | 10.0 | 1261911.0 | 1.060297 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.044249 | 10.0 | 1234157.0 | 0.884977 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.165867 | 10.0 | 1256184.0 | 0.829337 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.431796 | 10.0 | 1256982.0 | 0.863592 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.761337 | 10.0 | 1278199.0 | 0.761337 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.599812 | 10.0 | 1309596.0 | 0.719962 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.225026 | 10.0 | 1331162.0 | 0.722503 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.323224 | 10.0 | 1343477.0 | 0.732929 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.049802 | 10.0 | 1416709.0 | 0.700996 | Y |



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## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

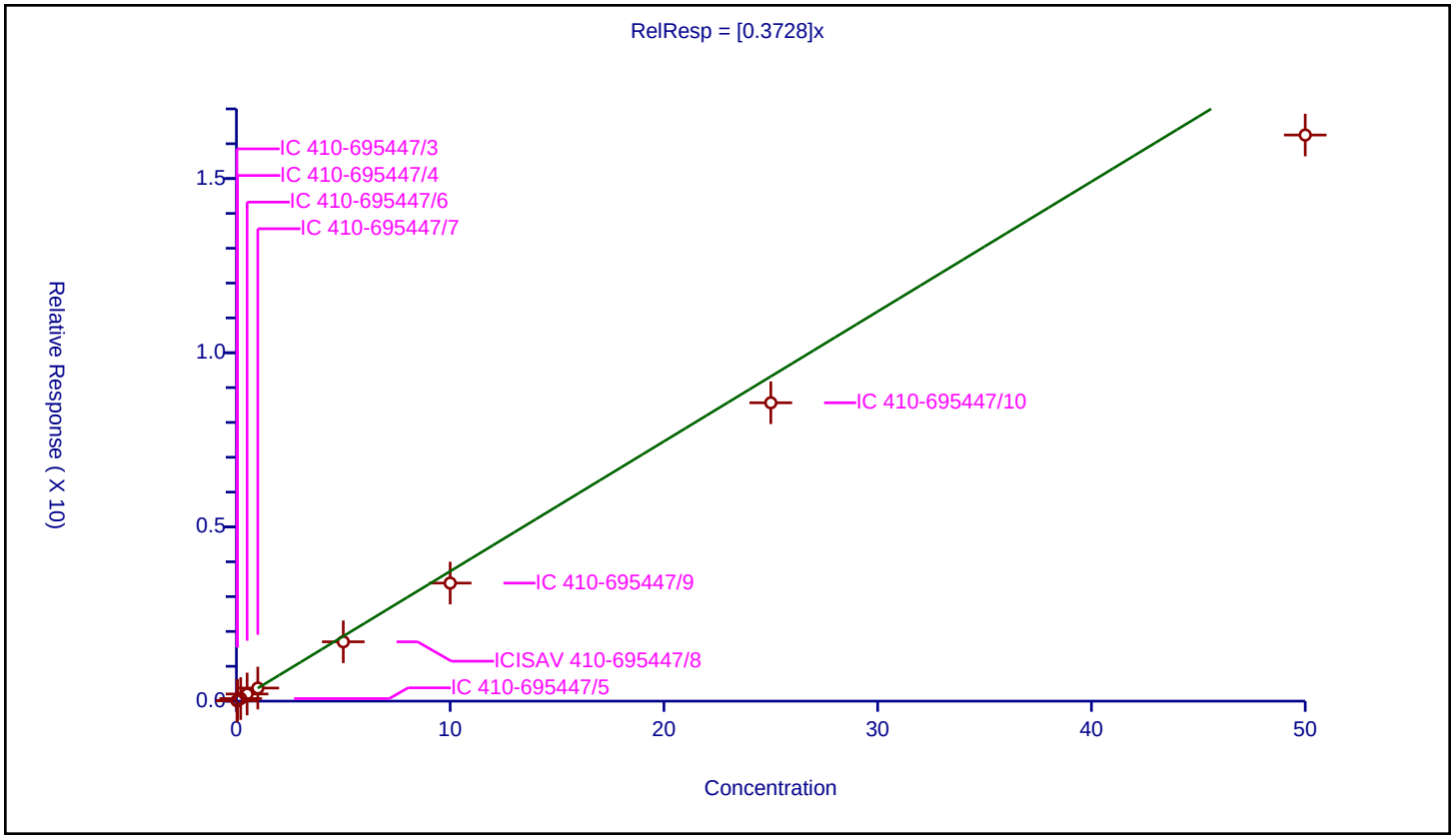
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3728 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.010761 | 10.0 | 1261911.0 | 0.430458 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.021197 | 10.0 | 1234157.0 | 0.423933 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.073476 | 10.0 | 1256184.0 | 0.367382 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.205182 | 10.0 | 1256982.0 | 0.410364 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.376045 | 10.0 | 1278199.0 | 0.376045 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.703373 | 10.0 | 1309596.0 | 0.340675 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.388438 | 10.0 | 1331162.0 | 0.338844 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.564159 | 10.0 | 1343477.0 | 0.342566 | Y |
| 9 | IC 410-695447/11 | 50.0 | 16.249907 | 10.0 | 1416709.0 | 0.324998 | Y |



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## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

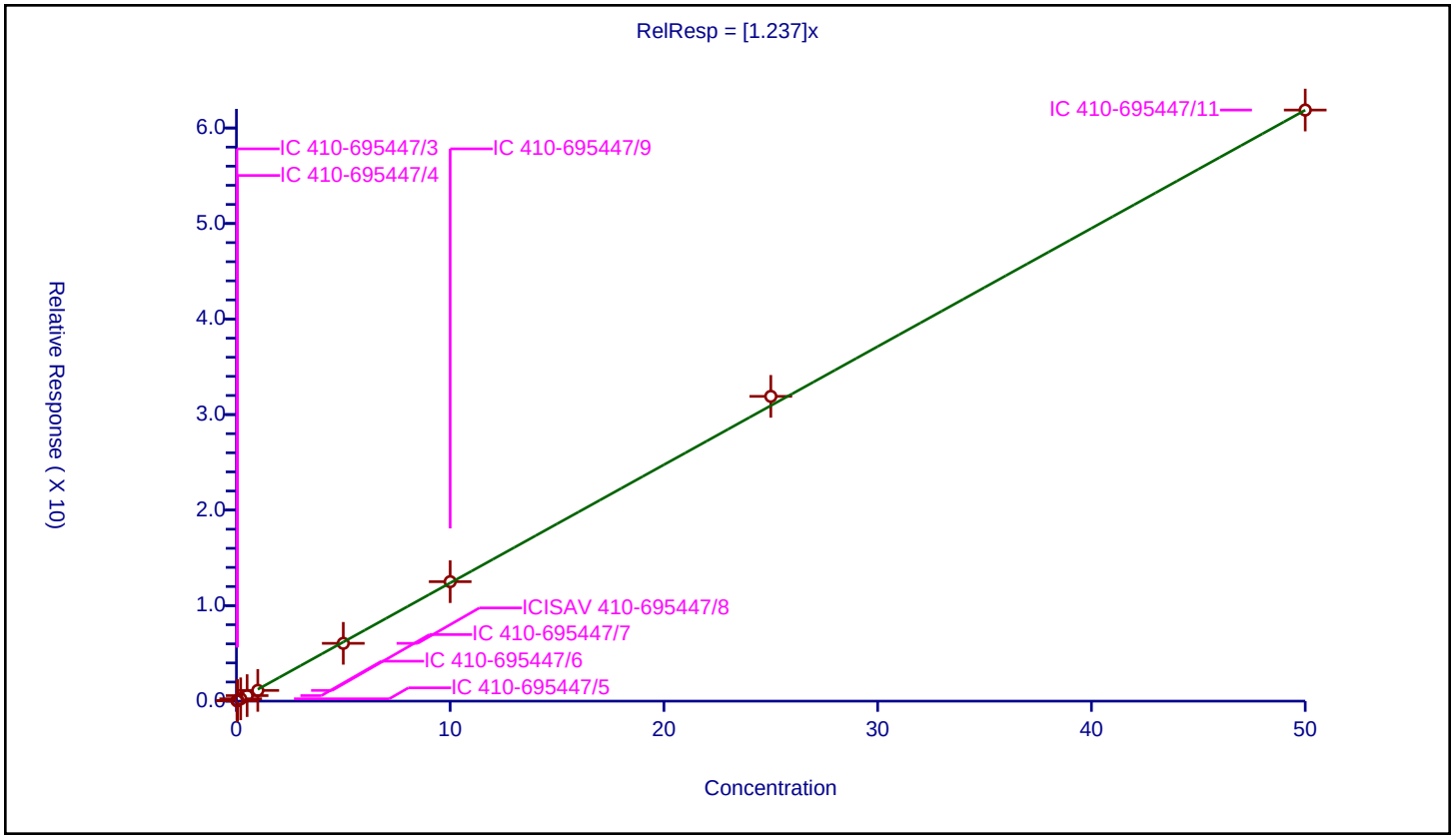
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.237 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.035026 | 10.0 | 1261911.0 | 1.40105 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.062917 | 10.0 | 1234157.0 | 1.258349 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.244534 | 10.0 | 1256184.0 | 1.222671 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.578537 | 10.0 | 1256982.0 | 1.157073 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.122994 | 10.0 | 1278199.0 | 1.122994 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.051737 | 10.0 | 1309596.0 | 1.210347 | Y |
| 7 | IC 410-695447/9 | 10.0 | 12.50533 | 10.0 | 1331162.0 | 1.250533 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.905496 | 10.0 | 1343477.0 | 1.27622 | Y |
| 9 | IC 410-695447/11 | 50.0 | 61.879857 | 10.0 | 1416709.0 | 1.237597 | Y |



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## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

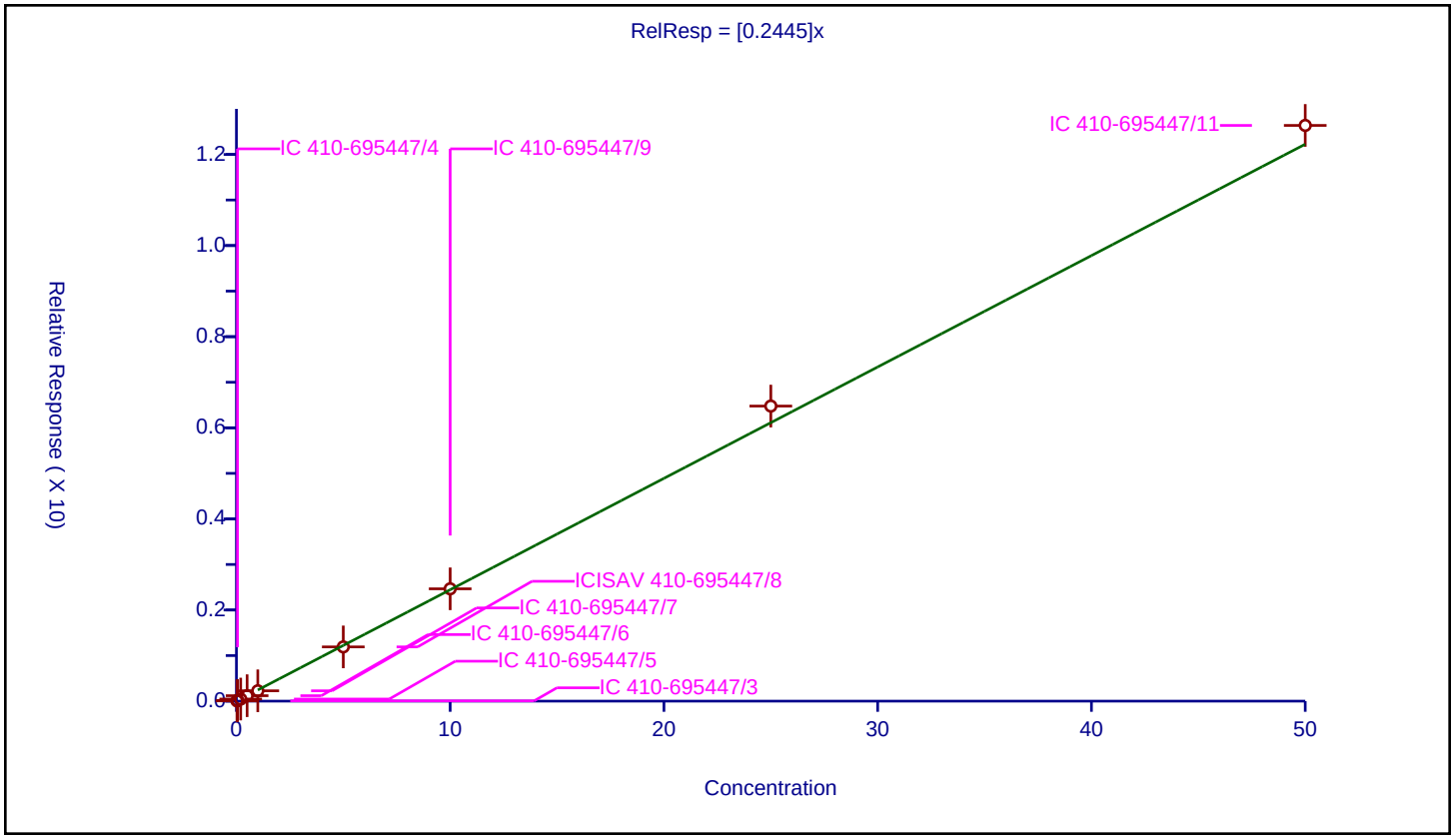
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2445 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.006102 | 10.0 | 1261911.0 | 0.244074 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.013159 | 10.0 | 1234157.0 | 0.263176 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.046068 | 10.0 | 1256184.0 | 0.23034 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.119508 | 10.0 | 1256982.0 | 0.239017 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.22732 | 10.0 | 1278199.0 | 0.22732 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.190818 | 10.0 | 1309596.0 | 0.238164 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.465801 | 10.0 | 1331162.0 | 0.24658 | Y |
| 8 | IC 410-695447/10 | 25.0 | 6.477 | 10.0 | 1343477.0 | 0.25908 | Y |
| 9 | IC 410-695447/11 | 50.0 | 12.637027 | 10.0 | 1416709.0 | 0.252741 | Y |



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## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

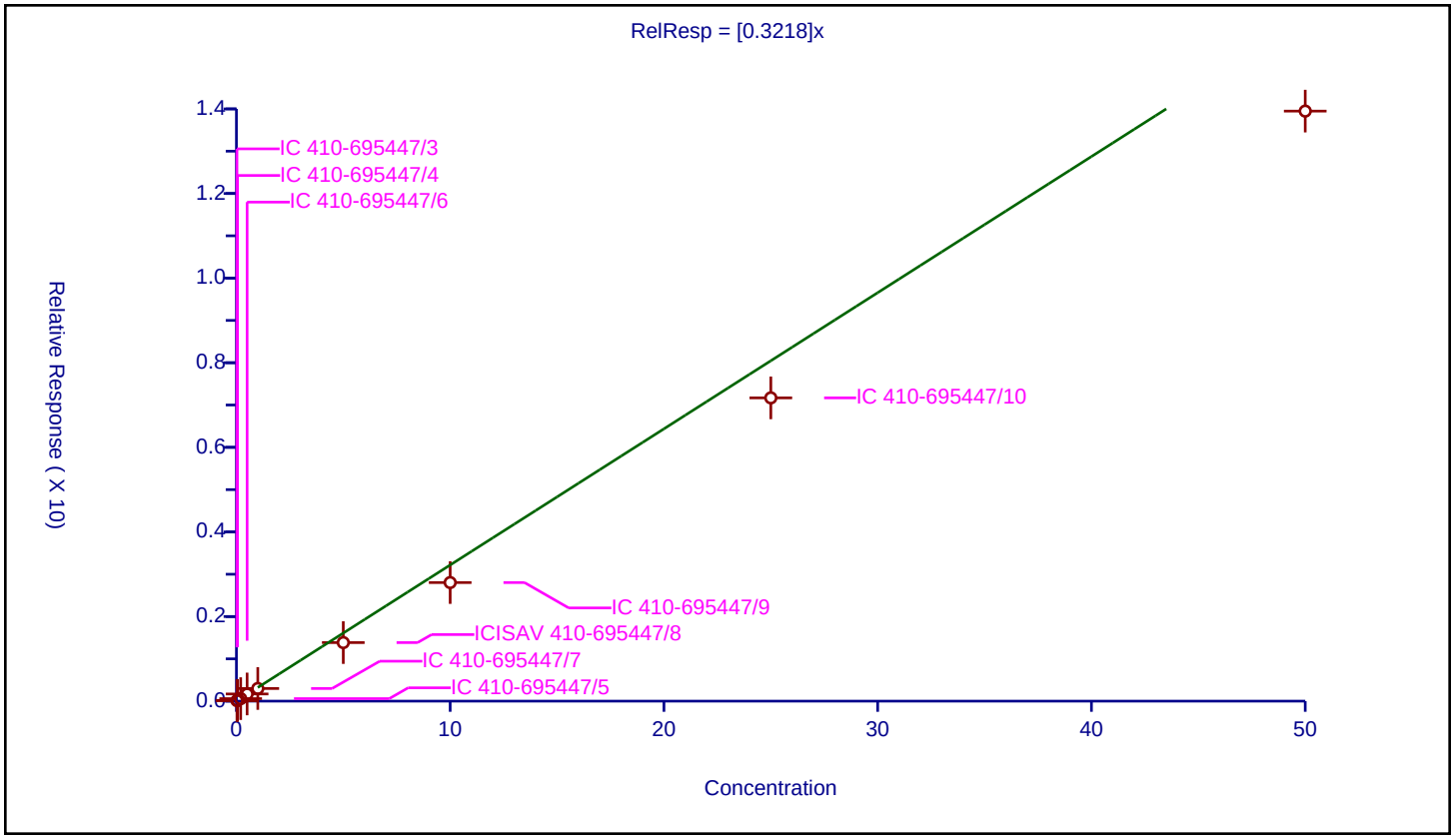
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3218 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012315 | 10.0 | 1261911.0 | 0.492586 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.01734 | 10.0 | 1234157.0 | 0.346795 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.059219 | 10.0 | 1256184.0 | 0.296095 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.169644 | 10.0 | 1256982.0 | 0.339289 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.298975 | 10.0 | 1278199.0 | 0.298975 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.38403 | 10.0 | 1309596.0 | 0.276806 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.80325 | 10.0 | 1331162.0 | 0.280325 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.168965 | 10.0 | 1343477.0 | 0.286759 | Y |
| 9 | IC 410-695447/11 | 50.0 | 13.947981 | 10.0 | 1416709.0 | 0.27896 | Y |



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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

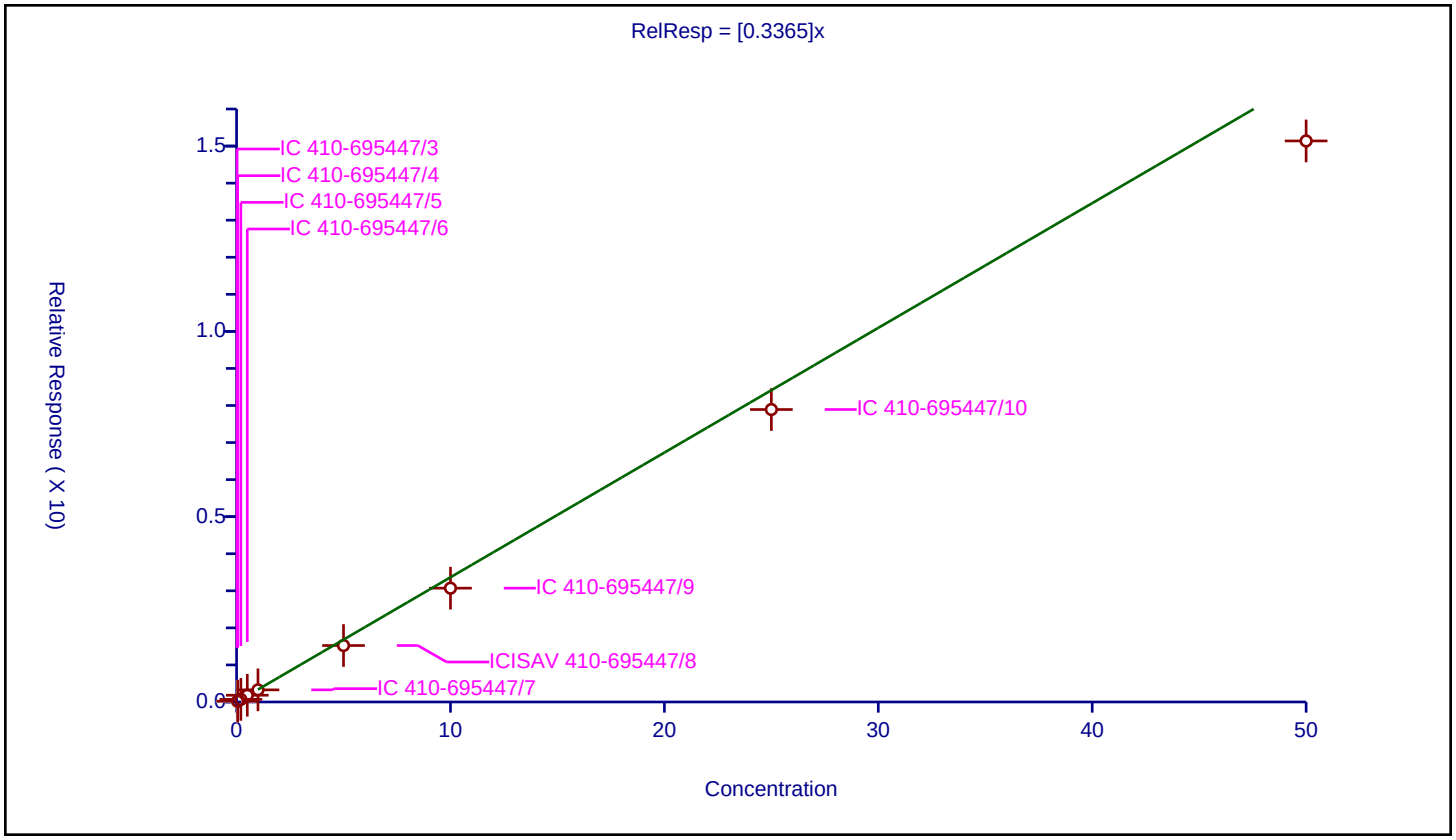
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.015041 | 10.0 | 1261911.0 | 0.601627 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.020816 | 10.0 | 1234157.0 | 0.416317 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.070507 | 10.0 | 1256184.0 | 0.352536 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.182692 | 10.0 | 1256982.0 | 0.365383 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.327343 | 10.0 | 1278199.0 | 0.327343 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.523875 | 10.0 | 1309596.0 | 0.304775 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.071294 | 10.0 | 1331162.0 | 0.307129 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.891315 | 10.0 | 1343477.0 | 0.315653 | Y |
| 9 | IC 410-695447/11 | 50.0 | 15.138345 | 10.0 | 1416709.0 | 0.302767 | Y |



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## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

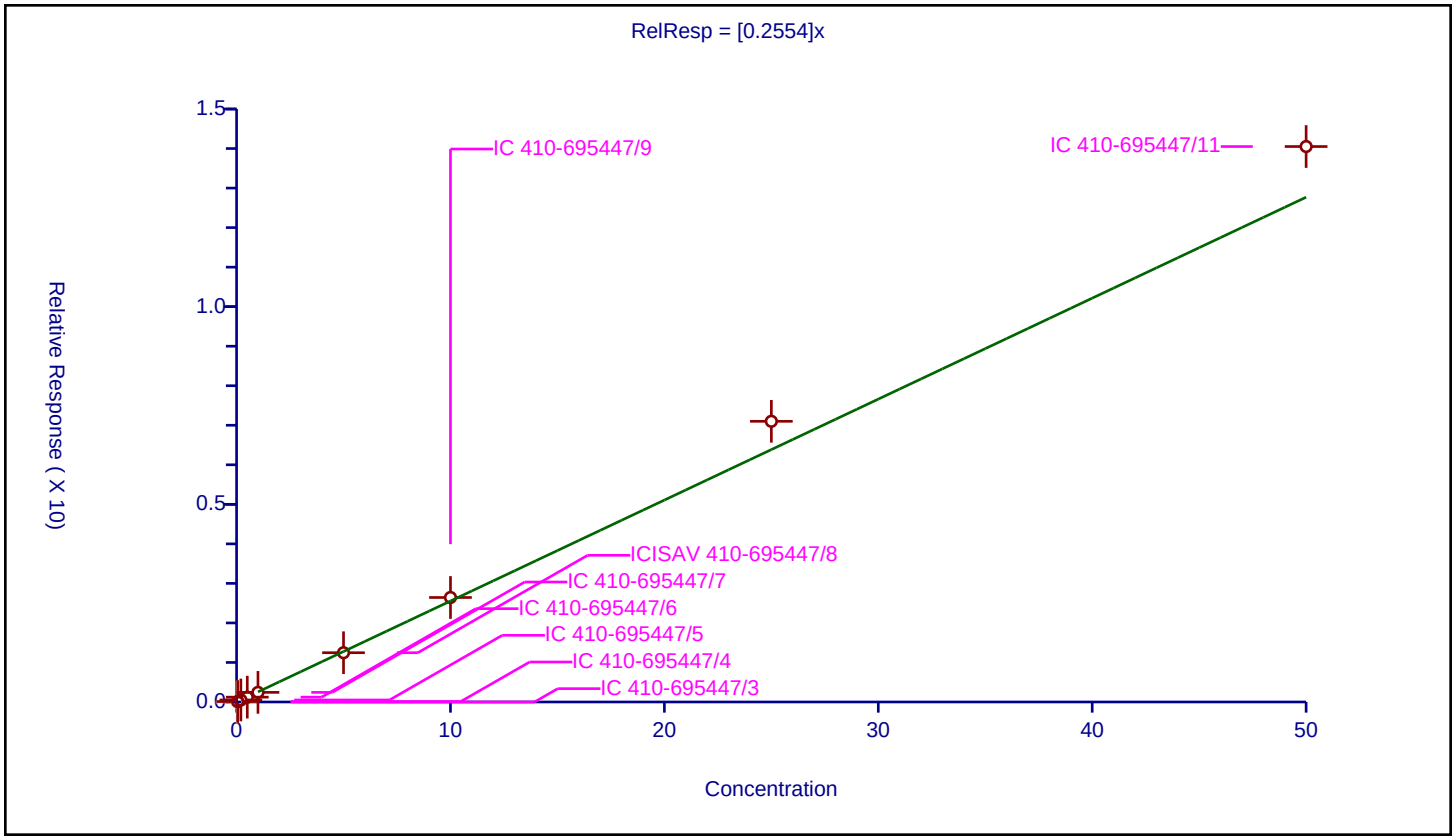
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2554 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1261911.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.01106 | 10.0 | 1234157.0 | 0.221204 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.050988 | 10.0 | 1256184.0 | 0.254939 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.12246 | 10.0 | 1256982.0 | 0.24492 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.243366 | 10.0 | 1278199.0 | 0.243366 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.246247 | 10.0 | 1309596.0 | 0.249249 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.643209 | 10.0 | 1331162.0 | 0.264321 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.100211 | 10.0 | 1343477.0 | 0.284008 | Y |
| 9 | IC 410-695447/11 | 50.0 | 14.051079 | 10.0 | 1416709.0 | 0.281022 | Y |



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## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

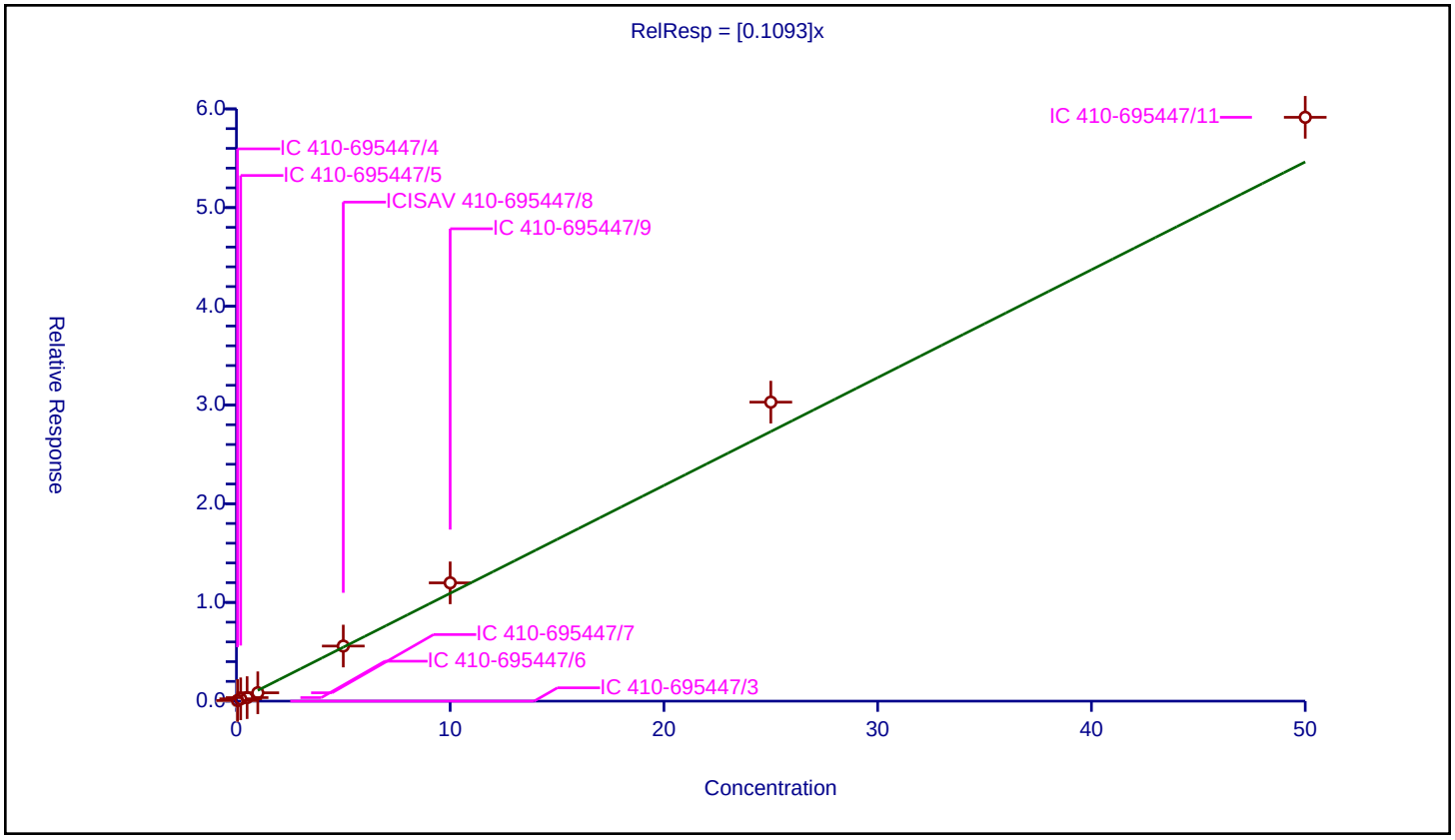
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1093 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1261911.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.006401 | 10.0 | 1234157.0 | 0.128023 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.023683 | 10.0 | 1256184.0 | 0.118414 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.035864 | 10.0 | 1256982.0 | 0.071727 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.084979 | 10.0 | 1278199.0 | 0.084979 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 0.558042 | 10.0 | 1309596.0 | 0.111608 | Y |
| 7 | IC 410-695447/9 | 10.0 | 1.198352 | 10.0 | 1331162.0 | 0.119835 | Y |
| 8 | IC 410-695447/10 | 25.0 | 3.029088 | 10.0 | 1343477.0 | 0.121164 | Y |
| 9 | IC 410-695447/11 | 50.0 | 5.914863 | 10.0 | 1416709.0 | 0.118297 | Y |



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## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

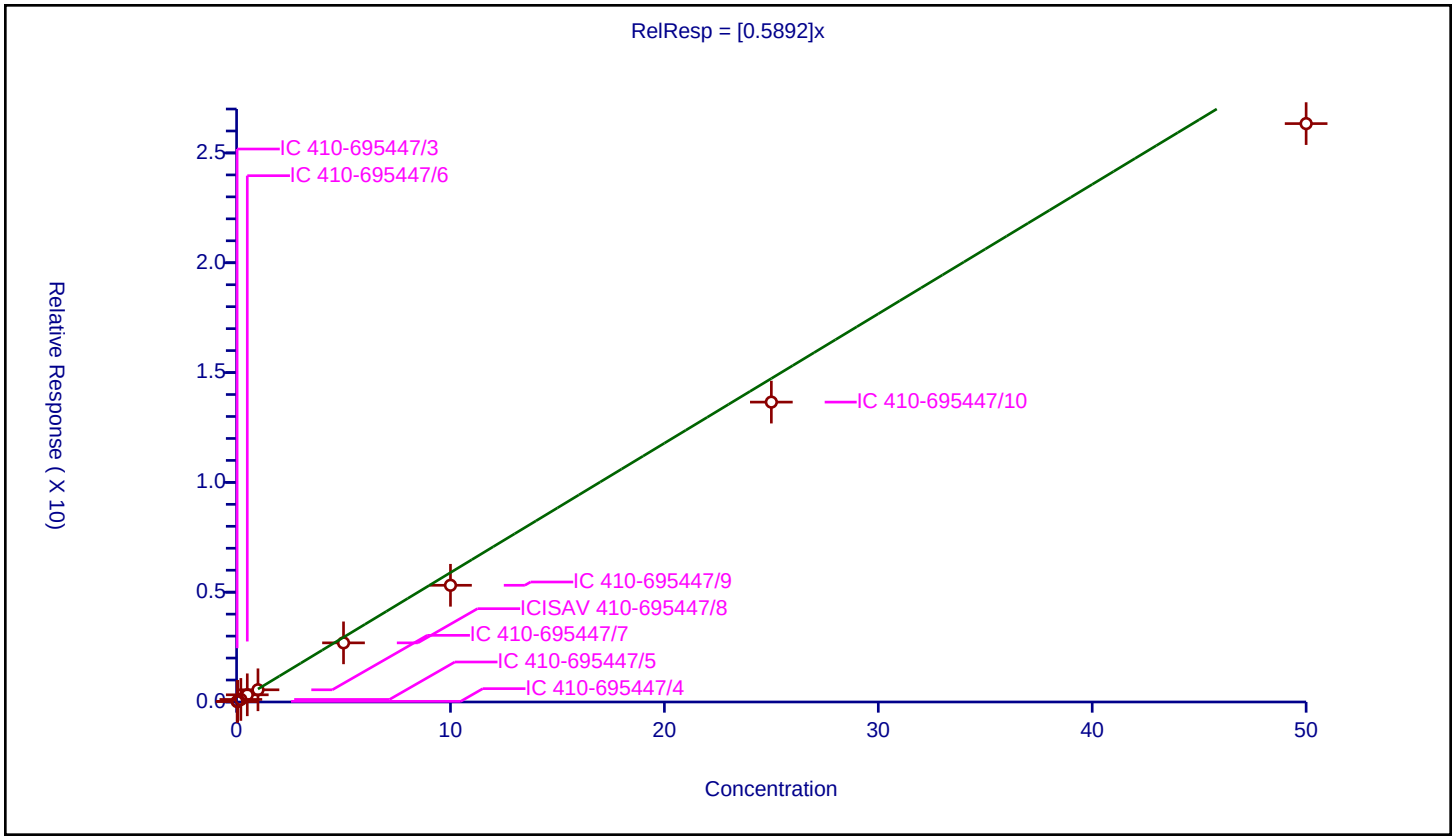
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5892 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.019589 | 10.0 | 1261911.0 | 0.783573 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.029291 | 10.0 | 1234157.0 | 0.585825 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.116177 | 10.0 | 1256184.0 | 0.580886 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.327419 | 10.0 | 1256982.0 | 0.654838 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.555062 | 10.0 | 1278199.0 | 0.555062 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.692304 | 10.0 | 1309596.0 | 0.538461 | Y |
| 7 | IC 410-695447/9 | 10.0 | 5.313929 | 10.0 | 1331162.0 | 0.531393 | Y |
| 8 | IC 410-695447/10 | 25.0 | 13.654763 | 10.0 | 1343477.0 | 0.546191 | Y |
| 9 | IC 410-695447/11 | 50.0 | 26.335444 | 10.0 | 1416709.0 | 0.526709 | Y |



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## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

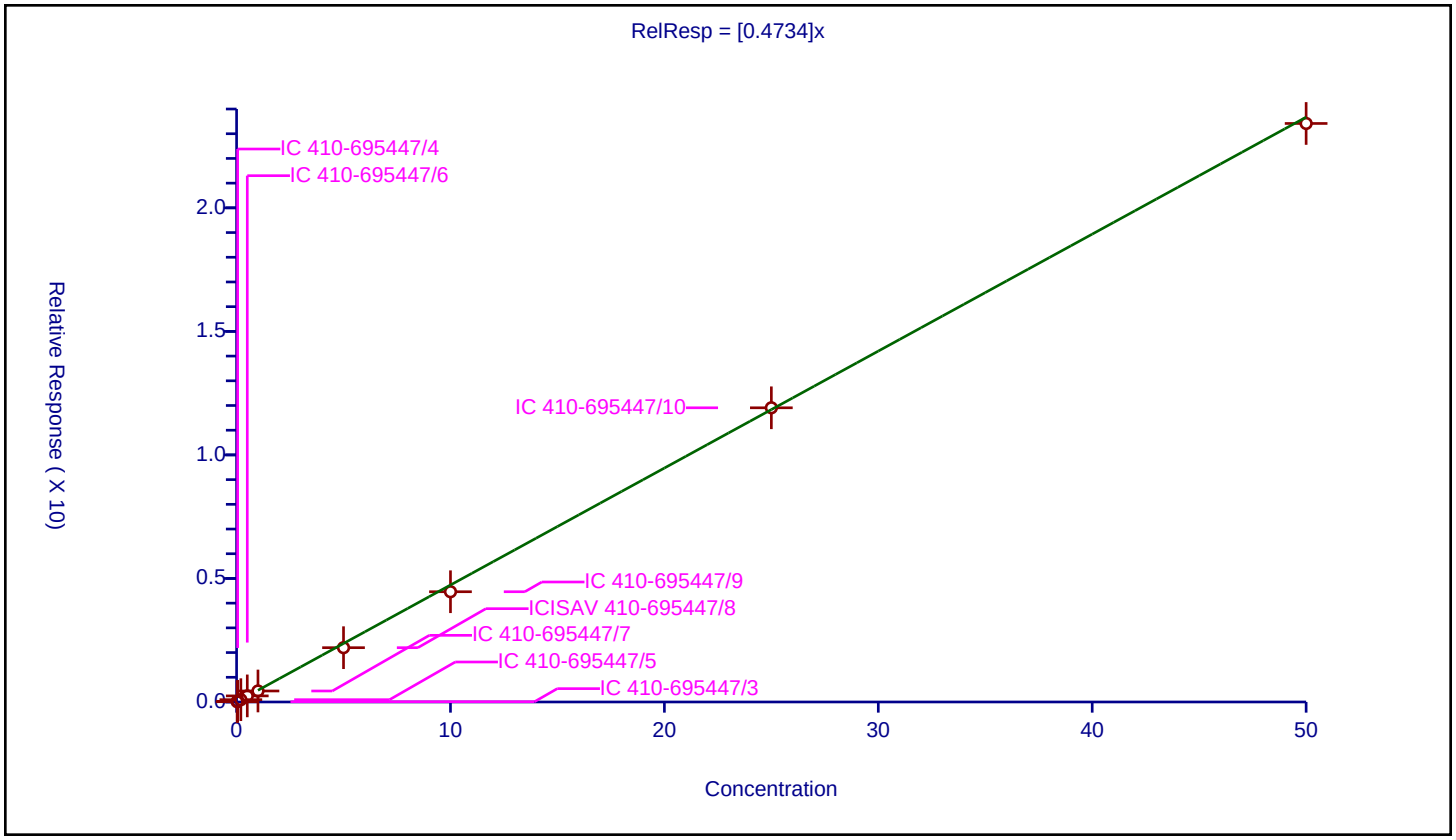
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4734 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.011776 | 10.0 | 1261911.0 | 0.471032 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.027752 | 10.0 | 1234157.0 | 0.555035 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.093211 | 10.0 | 1256184.0 | 0.466054 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.246328 | 10.0 | 1256982.0 | 0.492656 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.445408 | 10.0 | 1278199.0 | 0.445408 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.19764 | 10.0 | 1309596.0 | 0.439528 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.46283 | 10.0 | 1331162.0 | 0.446283 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.906925 | 10.0 | 1343477.0 | 0.476277 | Y |
| 9 | IC 410-695447/11 | 50.0 | 23.414477 | 10.0 | 1416709.0 | 0.46829 | Y |



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## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

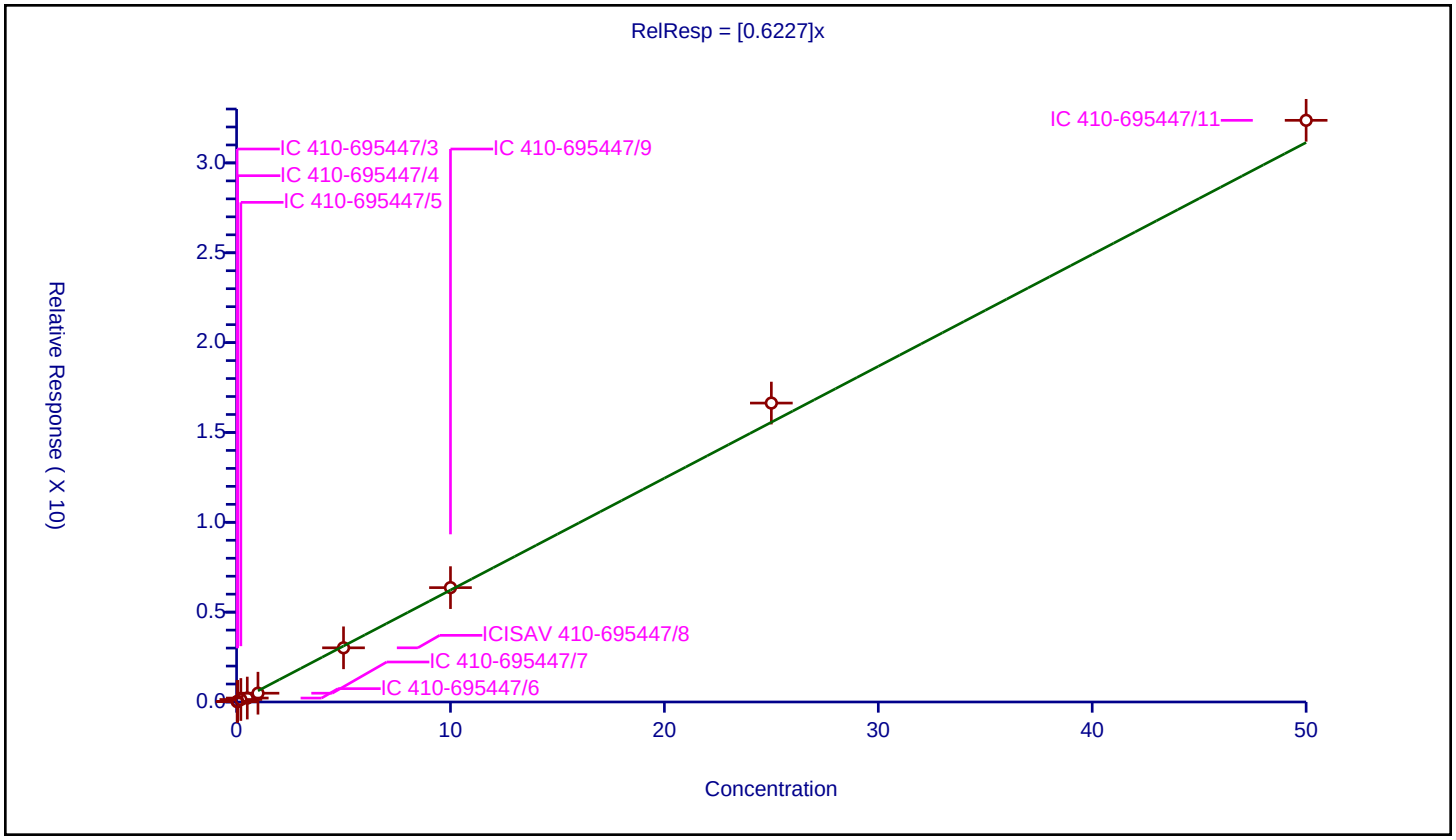
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6227 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018163 | 10.0 | 1261911.0 | 0.726517 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.035457 | 10.0 | 1234157.0 | 0.709148 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.138077 | 10.0 | 1256184.0 | 0.690385 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.21815 | 10.0 | 1256982.0 | 0.436299 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.489712 | 10.0 | 1278199.0 | 0.489712 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.01535 | 10.0 | 1309596.0 | 0.60307 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.364342 | 10.0 | 1331162.0 | 0.636434 | Y |
| 8 | IC 410-695447/10 | 25.0 | 16.635945 | 10.0 | 1343477.0 | 0.665438 | Y |
| 9 | IC 410-695447/11 | 50.0 | 32.370762 | 10.0 | 1416709.0 | 0.647415 | Y |



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## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

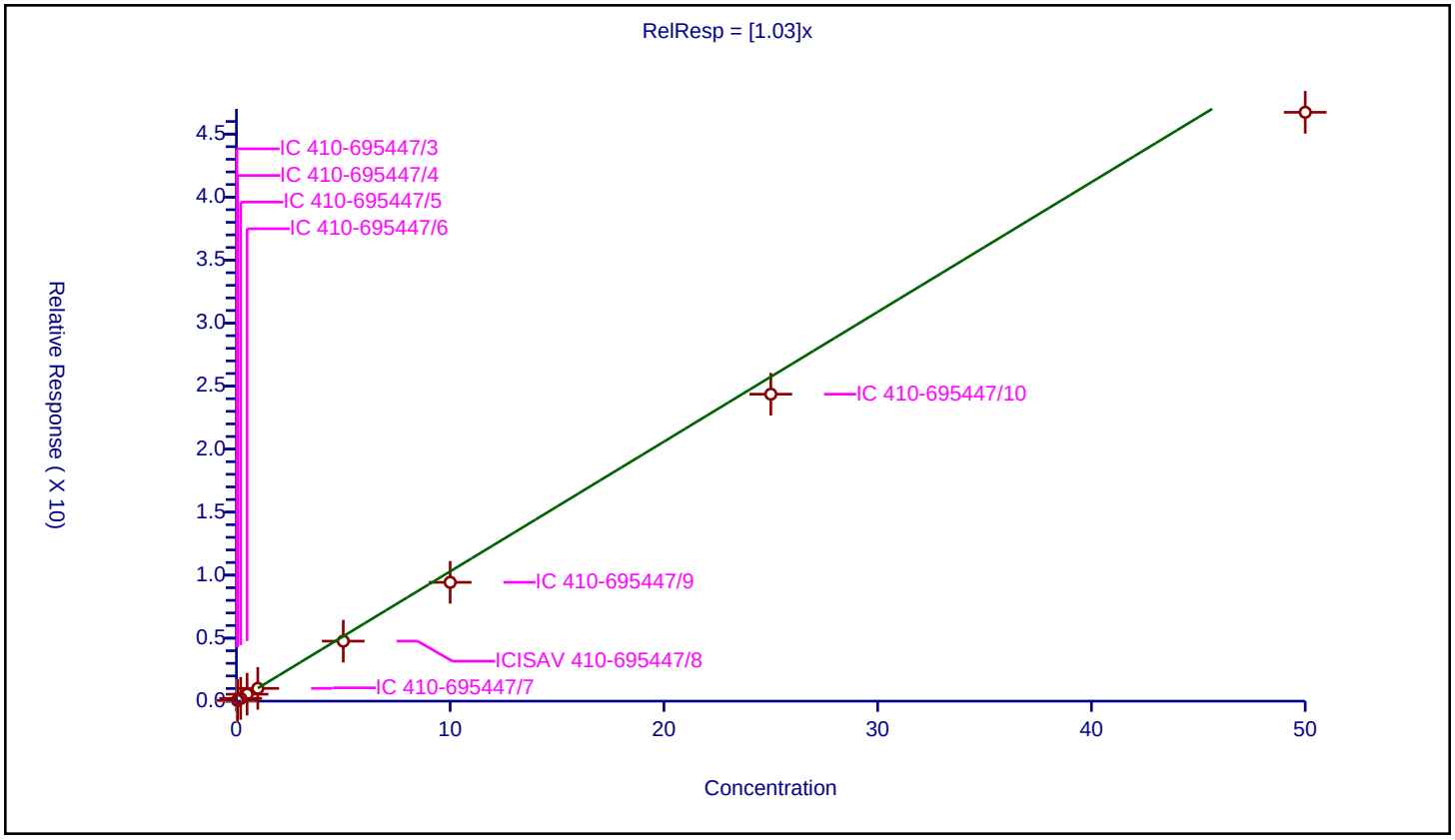
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.03 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.042823 | 10.0 | 1185119.0 | 1.712908 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.060894 | 10.0 | 1174502.0 | 1.217878 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.219743 | 10.0 | 1173053.0 | 1.098714 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.551054 | 10.0 | 1173550.0 | 1.102109 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.014515 | 10.0 | 1173211.0 | 1.014515 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.760012 | 10.0 | 1190995.0 | 0.952002 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.428091 | 10.0 | 1212851.0 | 0.942809 | Y |
| 8 | IC 410-695447/10 | 25.0 | 24.360723 | 10.0 | 1225987.0 | 0.974429 | Y |
| 9 | IC 410-695447/11 | 50.0 | 46.730066 | 10.0 | 1281454.0 | 0.934601 | Y |



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## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

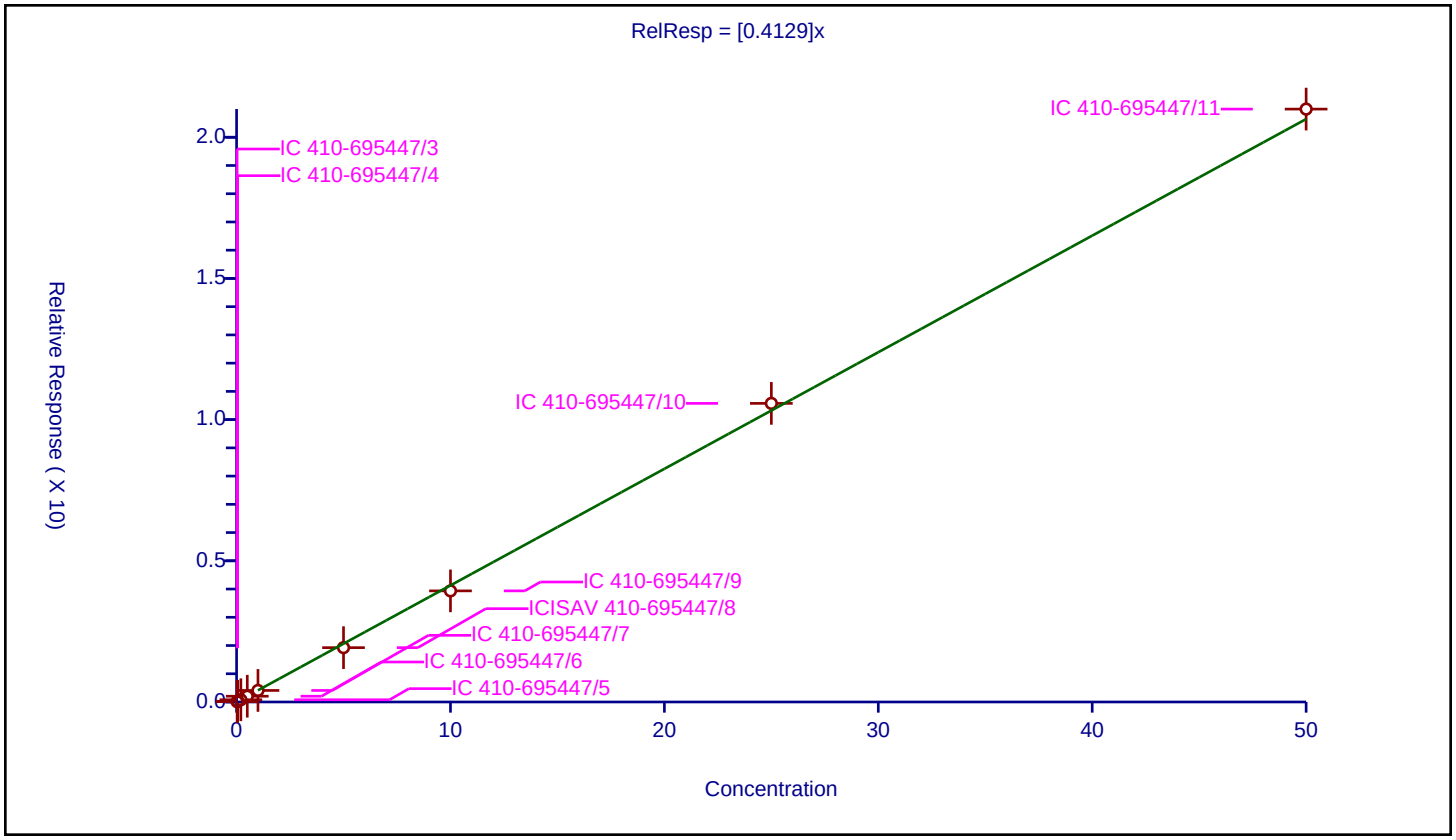
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4129 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.010826 | 10.0 | 1185119.0 | 0.433037 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022512 | 10.0 | 1174502.0 | 0.450233 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.078931 | 10.0 | 1173053.0 | 0.394654 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.204252 | 10.0 | 1173550.0 | 0.408504 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.408187 | 10.0 | 1173211.0 | 0.408187 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.924265 | 10.0 | 1190995.0 | 0.384853 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.934539 | 10.0 | 1212851.0 | 0.393454 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.57468 | 10.0 | 1225987.0 | 0.422987 | Y |
| 9 | IC 410-695447/11 | 50.0 | 20.997328 | 10.0 | 1281454.0 | 0.419947 | Y |



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## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

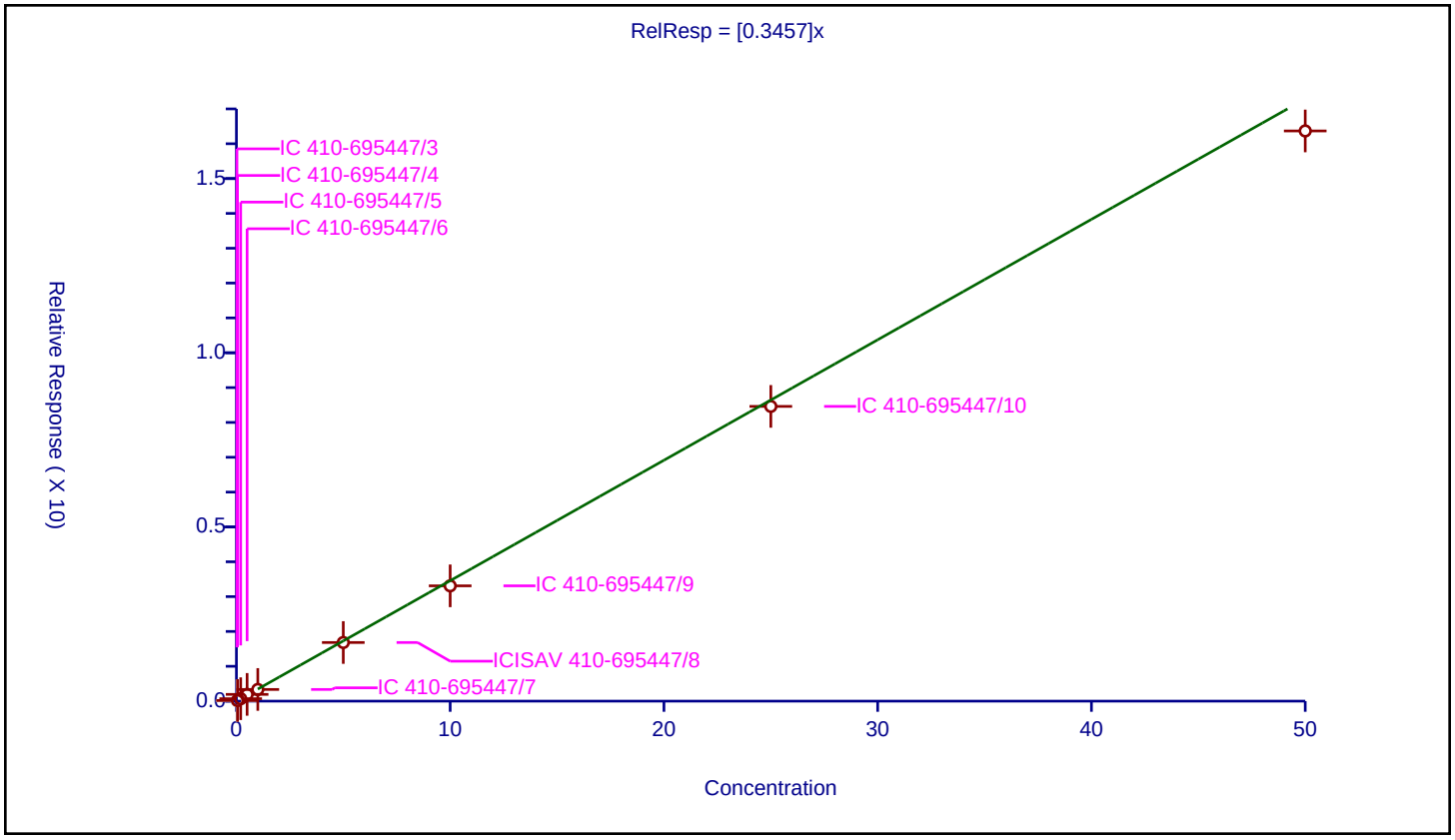
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3457 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014024 | 10.0 | 1185119.0 | 0.560956 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.018033 | 10.0 | 1174502.0 | 0.360663 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.069775 | 10.0 | 1173053.0 | 0.348876 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.193848 | 10.0 | 1173550.0 | 0.387695 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.335217 | 10.0 | 1173211.0 | 0.335217 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.683315 | 10.0 | 1190995.0 | 0.336663 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.310159 | 10.0 | 1212851.0 | 0.331016 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.46071 | 10.0 | 1225987.0 | 0.338428 | Y |
| 9 | IC 410-695447/11 | 50.0 | 16.367142 | 10.0 | 1281454.0 | 0.327343 | Y |



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## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

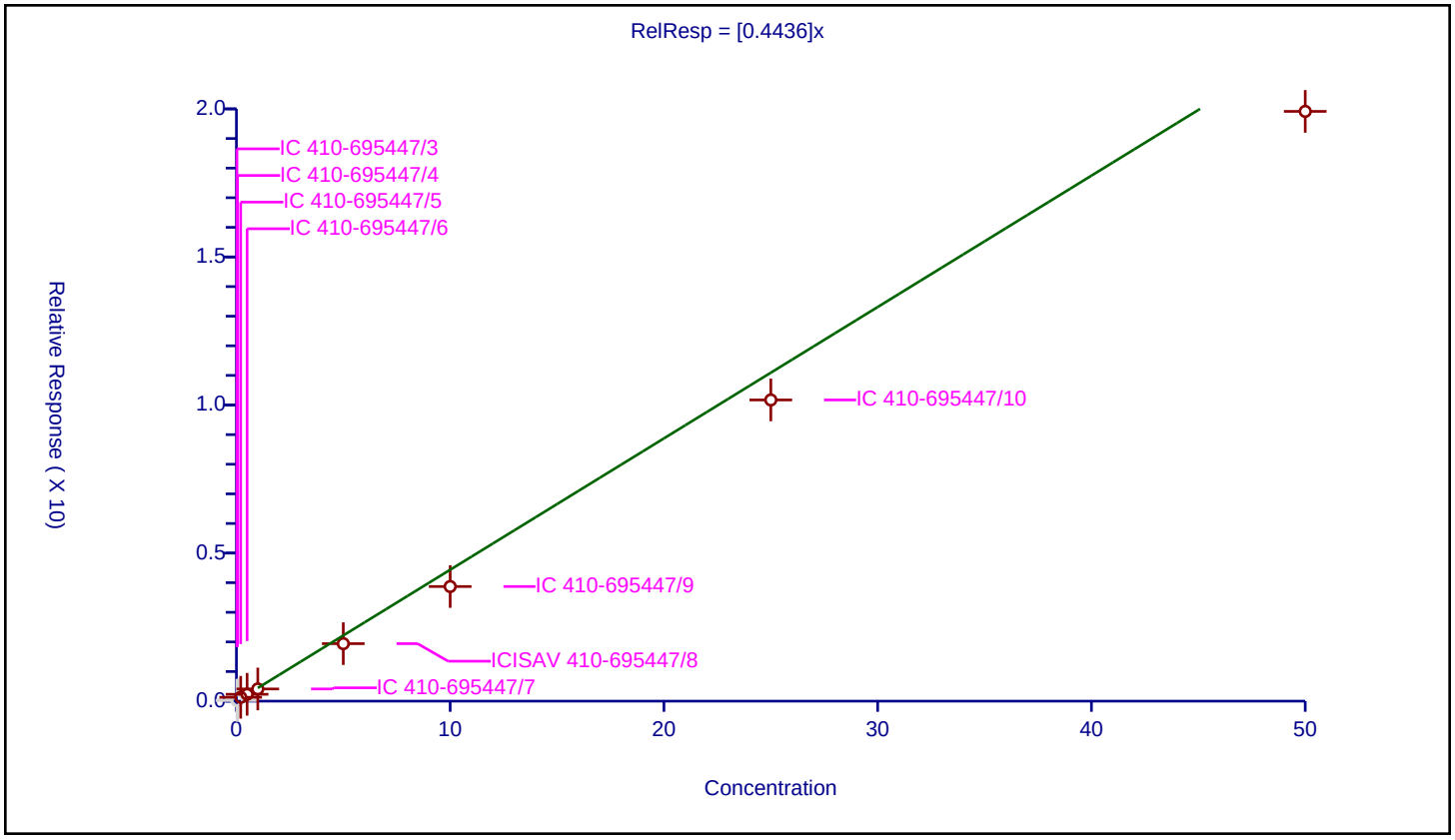
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4436 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023171 | 10.0 | 1185119.0 | 0.926827 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.036901 | 10.0 | 1174502.0 | 0.738015 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.130173 | 10.0 | 1173053.0 | 0.650866 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.231486 | 10.0 | 1173550.0 | 0.462971 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.411273 | 10.0 | 1173211.0 | 0.411273 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.940965 | 10.0 | 1190995.0 | 0.388193 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.870401 | 10.0 | 1212851.0 | 0.38704 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.170875 | 10.0 | 1225987.0 | 0.406835 | Y |
| 9 | IC 410-695447/11 | 50.0 | 19.915167 | 10.0 | 1281454.0 | 0.398303 | Y |



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## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

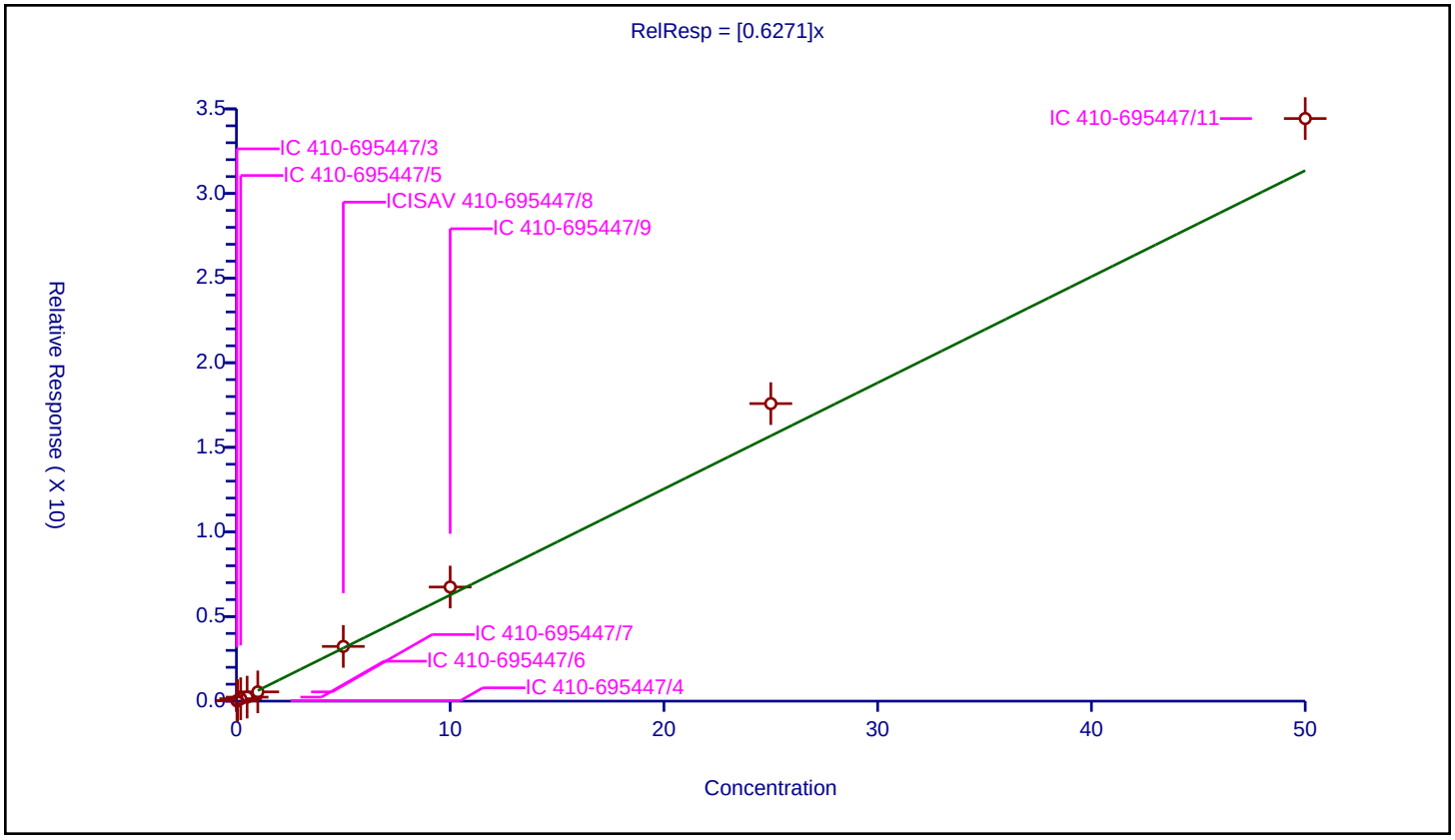
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6271 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.016209 | 10.0 | 1185119.0 | 0.648374 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.027688 | 10.0 | 1174502.0 | 0.553767 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.141963 | 10.0 | 1173053.0 | 0.709814 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.236343 | 10.0 | 1173550.0 | 0.472685 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.546534 | 10.0 | 1173211.0 | 0.546534 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.233616 | 10.0 | 1190995.0 | 0.646723 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.744044 | 10.0 | 1212851.0 | 0.674404 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.583653 | 10.0 | 1225987.0 | 0.703346 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.430374 | 10.0 | 1281454.0 | 0.688607 | Y |



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## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

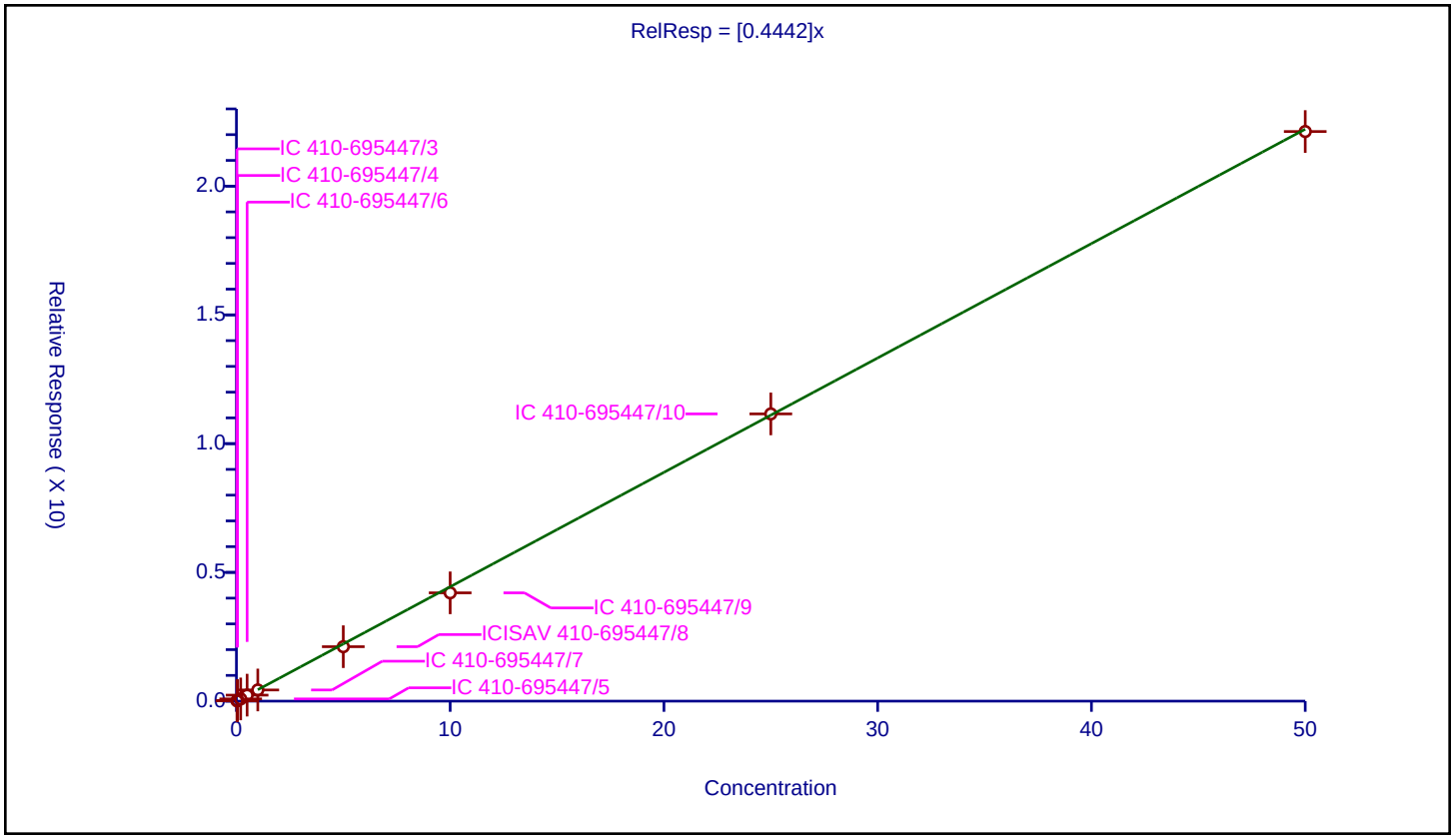
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4442 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012092 | 10.0 | 1185119.0 | 0.483665 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022375 | 10.0 | 1174502.0 | 0.447509 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.086654 | 10.0 | 1173053.0 | 0.433271 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.233633 | 10.0 | 1173550.0 | 0.467266 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.434363 | 10.0 | 1173211.0 | 0.434363 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.114173 | 10.0 | 1190995.0 | 0.422835 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.206593 | 10.0 | 1212851.0 | 0.420659 | Y |
| 8 | IC 410-695447/10 | 25.0 | 11.154971 | 10.0 | 1225987.0 | 0.446199 | Y |
| 9 | IC 410-695447/11 | 50.0 | 22.120521 | 10.0 | 1281454.0 | 0.44241 | Y |



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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

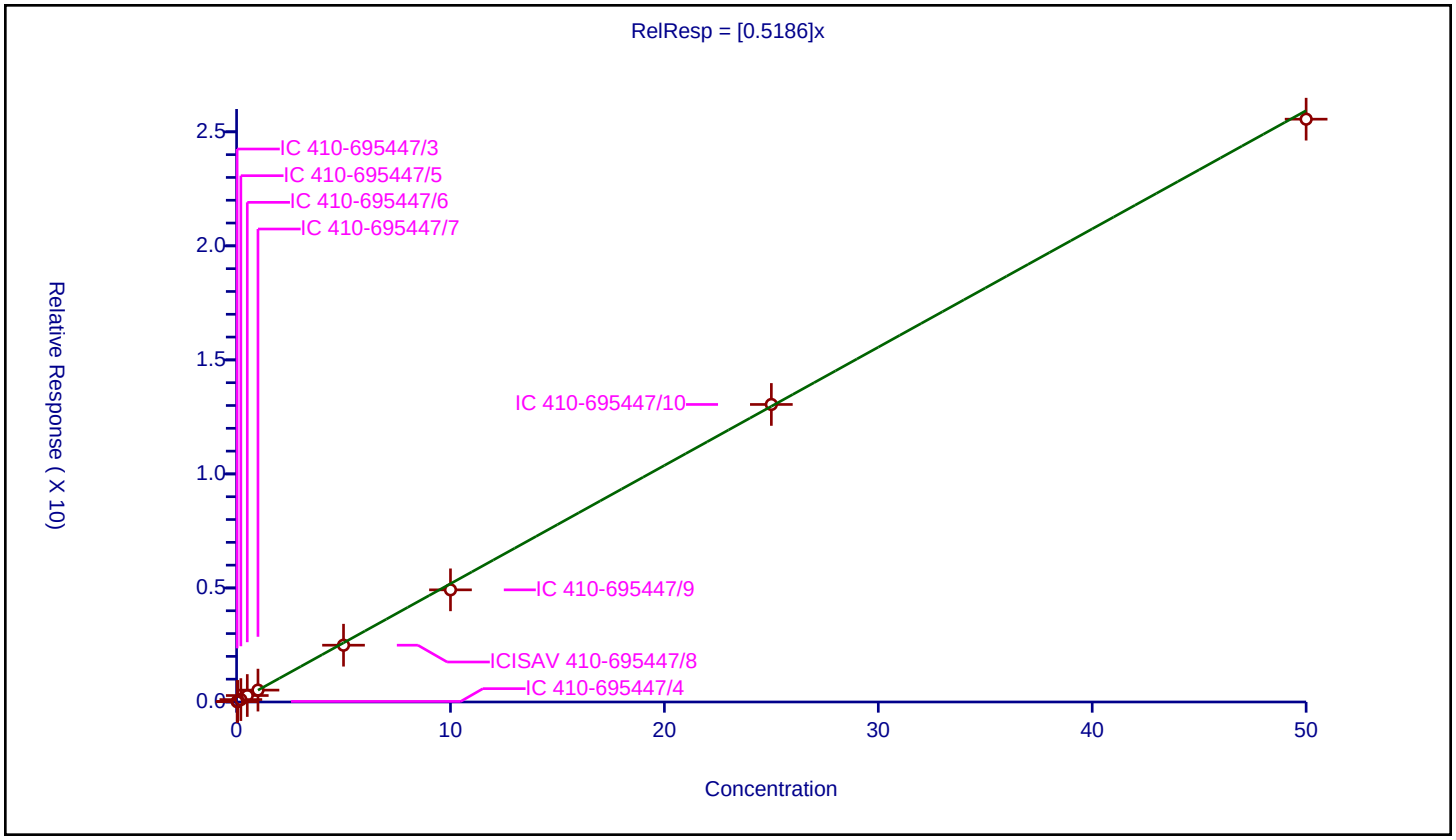
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5186 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013003 | 10.0 | 1185119.0 | 0.520117 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.025441 | 10.0 | 1174502.0 | 0.508811 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.105358 | 10.0 | 1173053.0 | 0.526788 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.283908 | 10.0 | 1173550.0 | 0.567816 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.521236 | 10.0 | 1173211.0 | 0.521236 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.489885 | 10.0 | 1190995.0 | 0.497977 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.917504 | 10.0 | 1212851.0 | 0.49175 | Y |
| 8 | IC 410-695447/10 | 25.0 | 13.045326 | 10.0 | 1225987.0 | 0.521813 | Y |
| 9 | IC 410-695447/11 | 50.0 | 25.554597 | 10.0 | 1281454.0 | 0.511092 | Y |



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## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

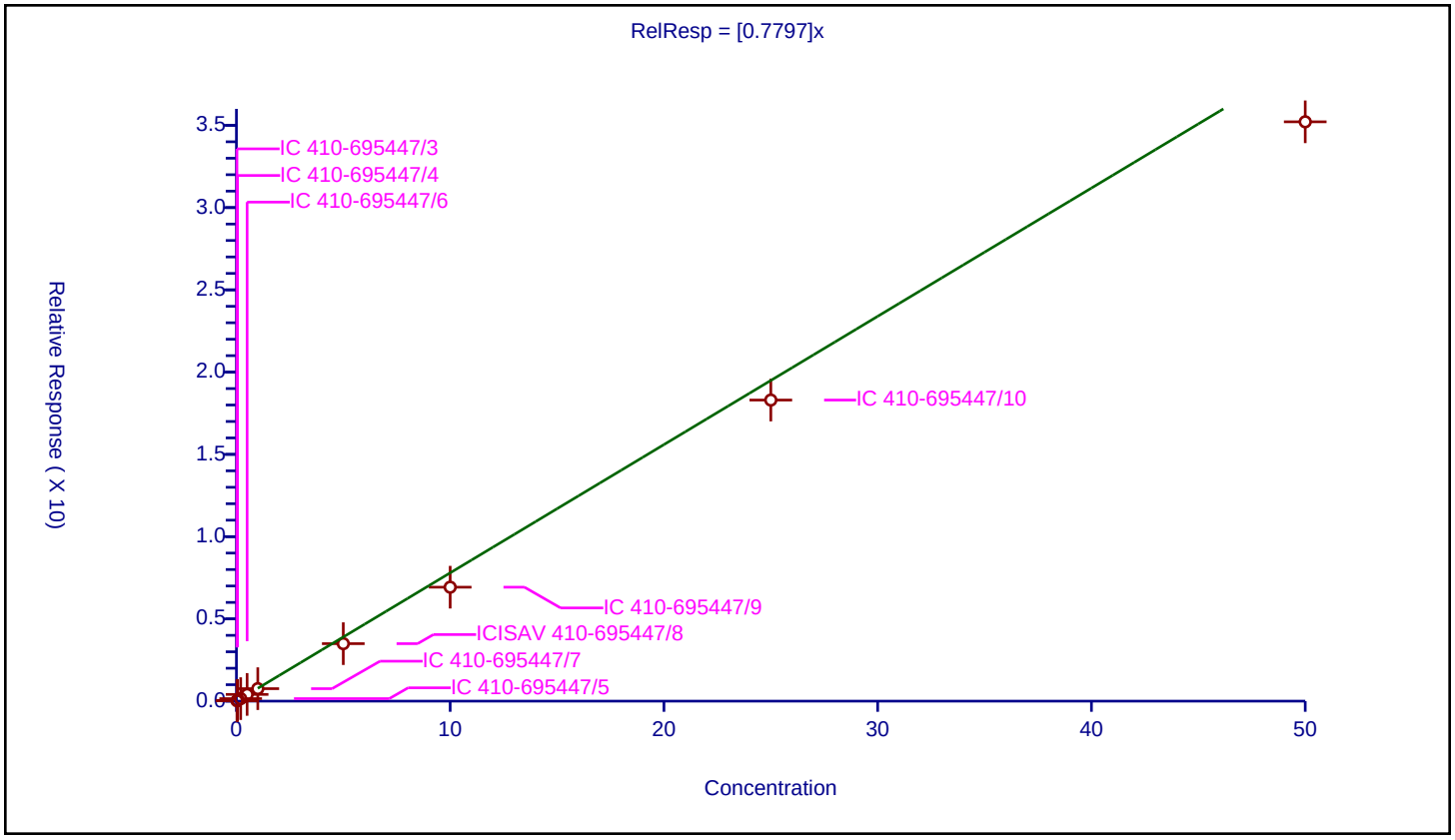
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7797 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.023542 | 10.0 | 1185119.0 | 0.941678 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.045304 | 10.0 | 1174502.0 | 0.906086 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.153173 | 10.0 | 1173053.0 | 0.765865 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.40847 | 10.0 | 1173550.0 | 0.81694 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.758866 | 10.0 | 1173211.0 | 0.758866 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.494624 | 10.0 | 1190995.0 | 0.698925 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.926391 | 10.0 | 1212851.0 | 0.692639 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.300936 | 10.0 | 1225987.0 | 0.732037 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.214054 | 10.0 | 1281454.0 | 0.704281 | Y |



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## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

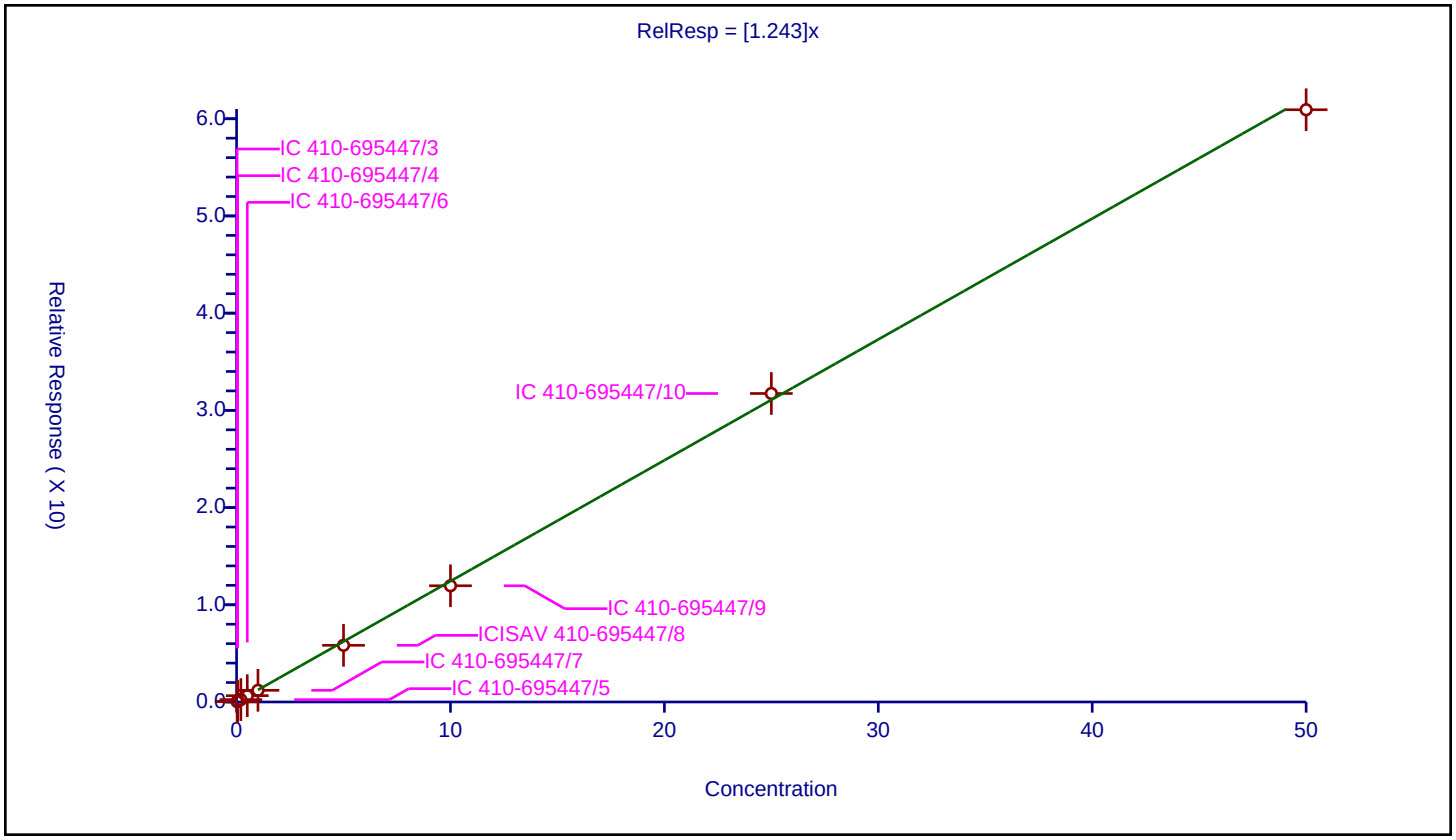
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.243 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.034165 | 10.0 | 1185119.0 | 1.366614 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.063261 | 10.0 | 1174502.0 | 1.265217 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.242538 | 10.0 | 1173053.0 | 1.21269 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.647386 | 10.0 | 1173550.0 | 1.294772 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.19952 | 10.0 | 1173211.0 | 1.19952 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.829831 | 10.0 | 1190995.0 | 1.165966 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.956943 | 10.0 | 1212851.0 | 1.195694 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.736054 | 10.0 | 1225987.0 | 1.269442 | Y |
| 9 | IC 410-695447/11 | 50.0 | 60.925043 | 10.0 | 1281454.0 | 1.218501 | Y |



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## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

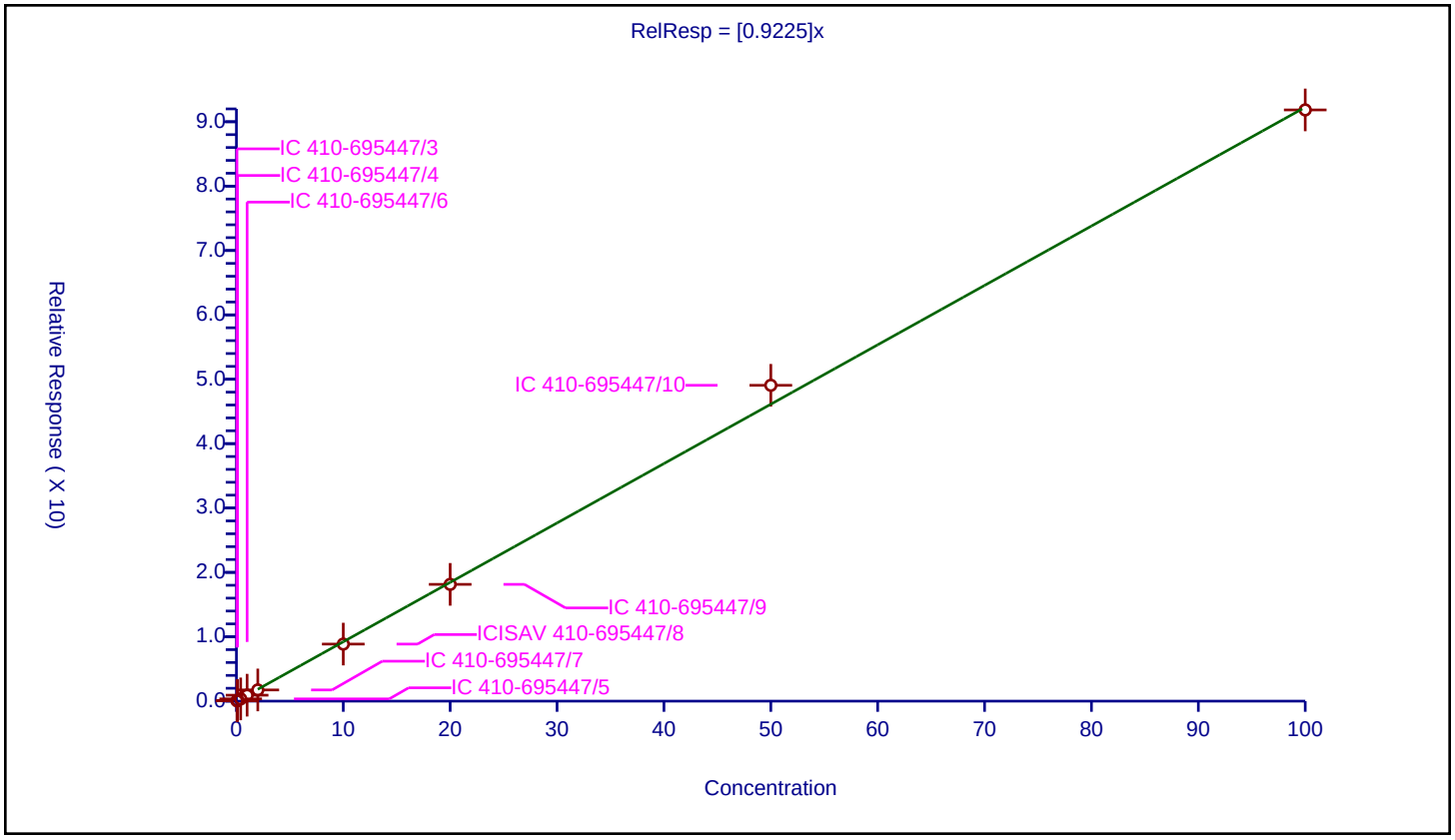
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.05 | 0.050122 | 10.0 | 1185119.0 | 1.002431 | Y |
| 2 | IC 410-695447/4 | 0.1 | 0.093836 | 10.0 | 1174502.0 | 0.938355 | Y |
| 3 | IC 410-695447/5 | 0.4 | 0.34995 | 10.0 | 1173053.0 | 0.874875 | Y |
| 4 | IC 410-695447/6 | 1.0 | 0.924895 | 10.0 | 1173550.0 | 0.924895 | Y |
| 5 | IC 410-695447/7 | 2.0 | 1.738784 | 10.0 | 1173211.0 | 0.869392 | Y |
| 6 | ICISAV 410-695447/8 | 10.0 | 8.863287 | 10.0 | 1190995.0 | 0.886329 | Y |
| 7 | IC 410-695447/9 | 20.0 | 18.13832 | 10.0 | 1212851.0 | 0.906916 | Y |
| 8 | IC 410-695447/10 | 50.0 | 49.063163 | 10.0 | 1225987.0 | 0.981263 | Y |
| 9 | IC 410-695447/11 | 100.0 | 91.838997 | 10.0 | 1281454.0 | 0.91839 | Y |



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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

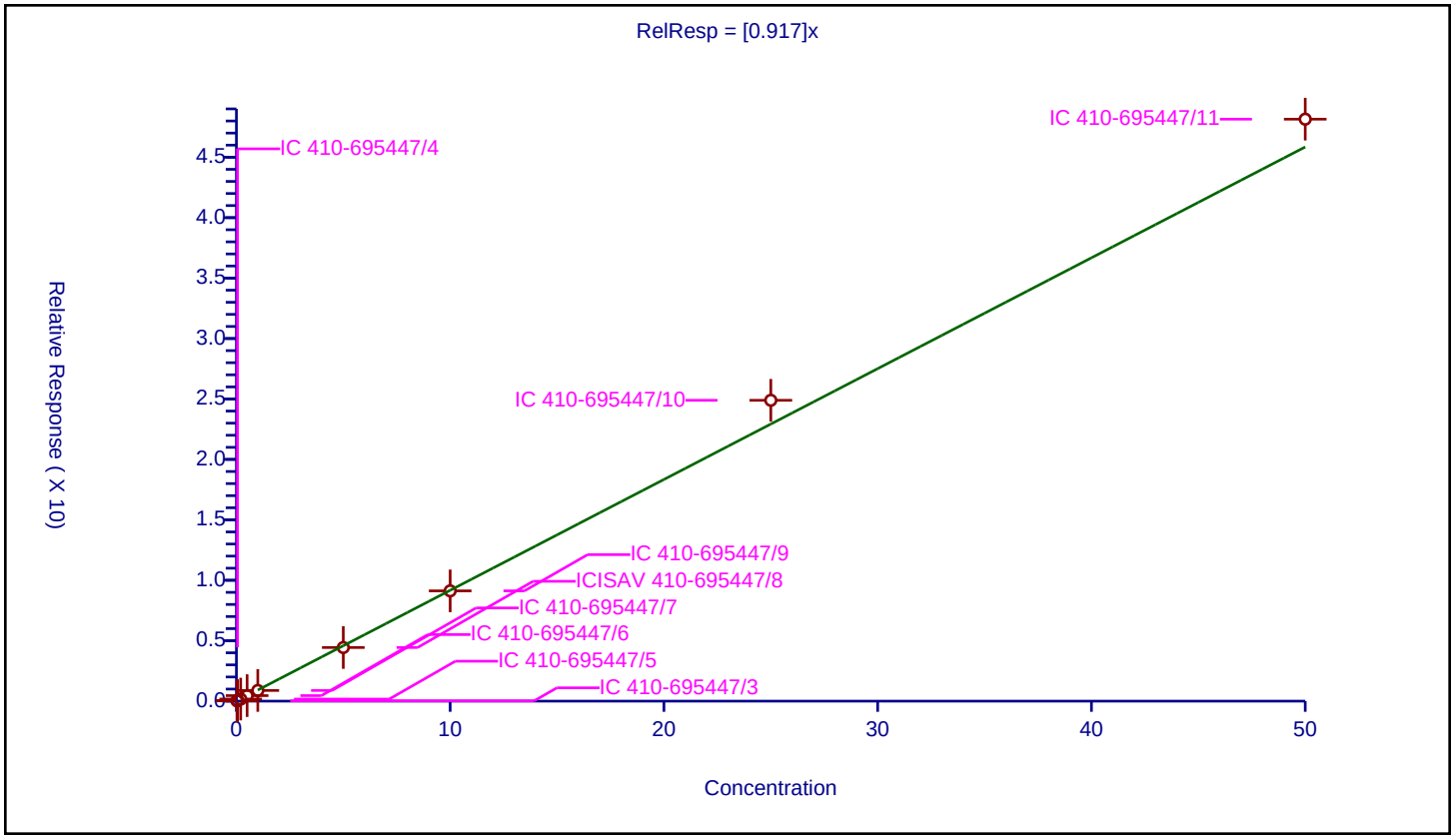
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.917 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.022631 | 10.0 | 1185119.0 | 0.905226 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.046794 | 10.0 | 1174502.0 | 0.935886 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.170998 | 10.0 | 1173053.0 | 0.854991 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.458268 | 10.0 | 1173550.0 | 0.916535 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.882015 | 10.0 | 1173211.0 | 0.882015 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.435795 | 10.0 | 1190995.0 | 0.887159 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.124163 | 10.0 | 1212851.0 | 0.912416 | Y |
| 8 | IC 410-695447/10 | 25.0 | 24.890362 | 10.0 | 1225987.0 | 0.995614 | Y |
| 9 | IC 410-695447/11 | 50.0 | 48.149391 | 10.0 | 1281454.0 | 0.962988 | Y |



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## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

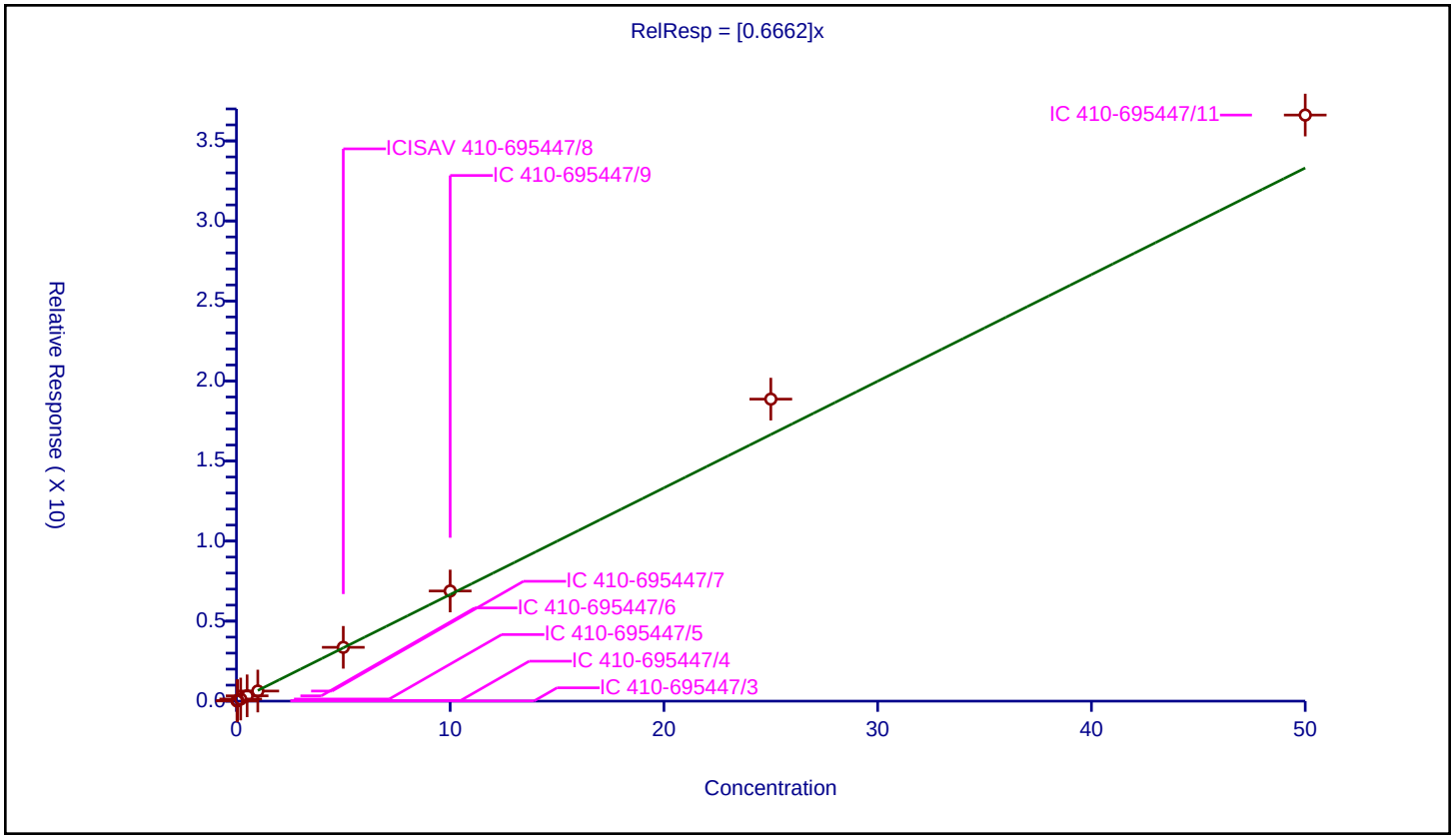
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6662 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013695 | 10.0 | 1185119.0 | 0.547793 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.031997 | 10.0 | 1174502.0 | 0.639931 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.132935 | 10.0 | 1173053.0 | 0.664676 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.331754 | 10.0 | 1173550.0 | 0.663508 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.632214 | 10.0 | 1173211.0 | 0.632214 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.362029 | 10.0 | 1190995.0 | 0.672406 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.881018 | 10.0 | 1212851.0 | 0.688102 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.868047 | 10.0 | 1225987.0 | 0.754722 | Y |
| 9 | IC 410-695447/11 | 50.0 | 36.614916 | 10.0 | 1281454.0 | 0.732298 | Y |



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## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

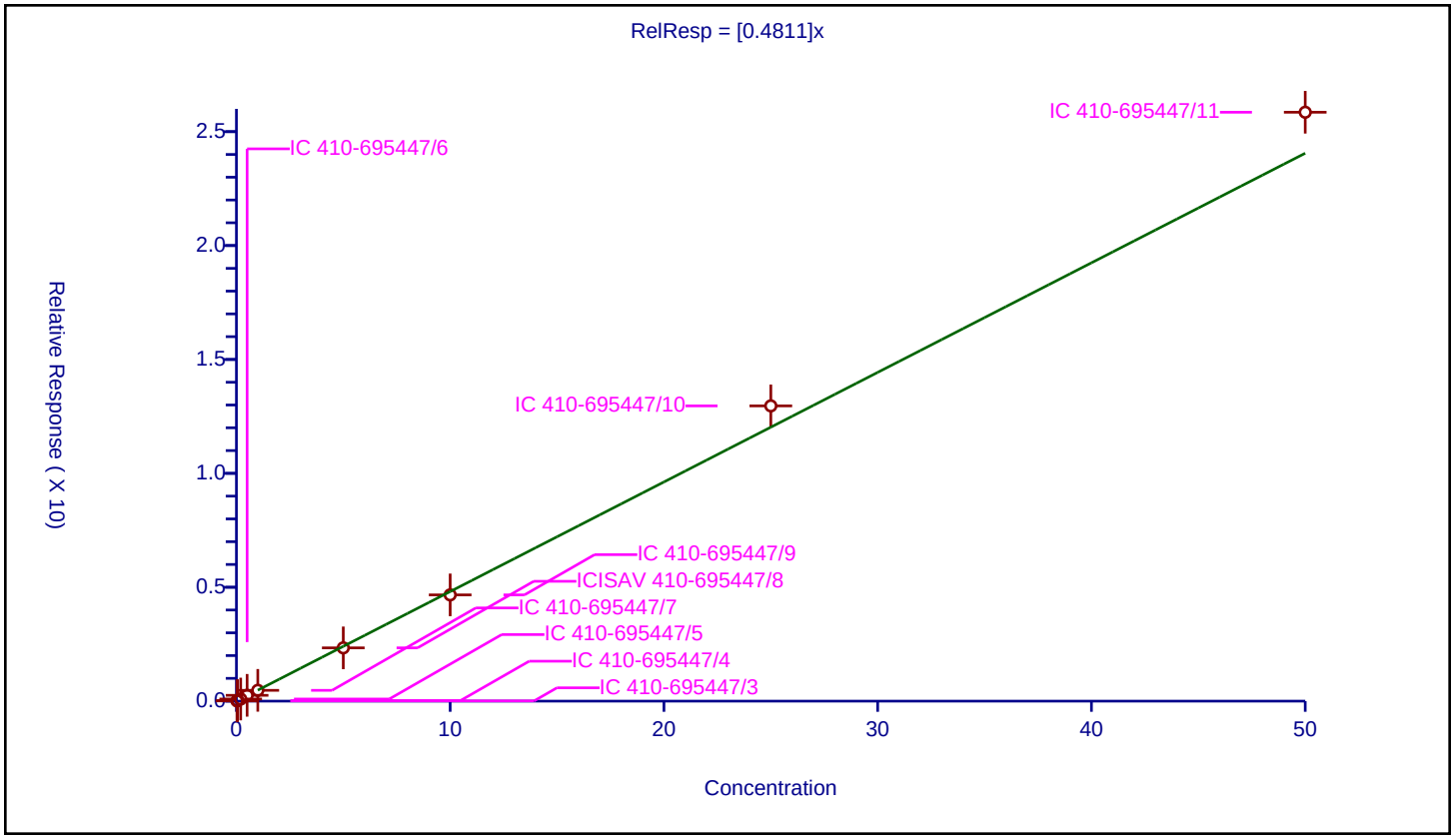
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4811 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.011644 | 10.0 | 1185119.0 | 0.465776 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.022299 | 10.0 | 1174502.0 | 0.445976 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.092502 | 10.0 | 1173053.0 | 0.462511 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.255601 | 10.0 | 1173550.0 | 0.511201 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.474424 | 10.0 | 1173211.0 | 0.474424 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.338582 | 10.0 | 1190995.0 | 0.467716 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.665 | 10.0 | 1212851.0 | 0.4665 | Y |
| 8 | IC 410-695447/10 | 25.0 | 12.962022 | 10.0 | 1225987.0 | 0.518481 | Y |
| 9 | IC 410-695447/11 | 50.0 | 25.85293 | 10.0 | 1281454.0 | 0.517059 | Y |



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## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

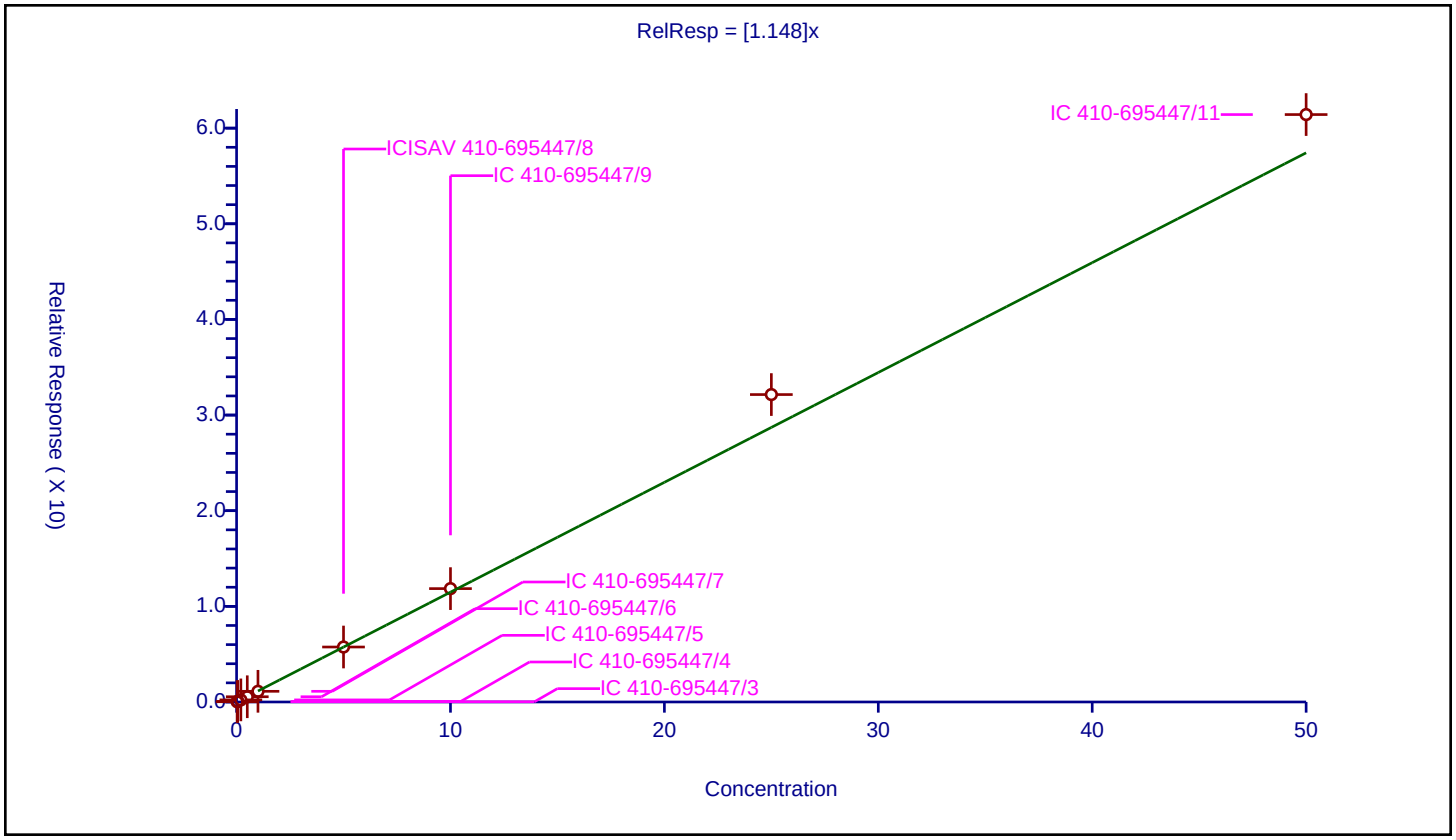
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.148 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.025913 | 10.0 | 1185119.0 | 1.03652 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.057267 | 10.0 | 1174502.0 | 1.145336 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.218396 | 10.0 | 1173053.0 | 1.09198 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.548072 | 10.0 | 1173550.0 | 1.096144 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.116133 | 10.0 | 1173211.0 | 1.116133 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.746985 | 10.0 | 1190995.0 | 1.149397 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.854647 | 10.0 | 1212851.0 | 1.185465 | Y |
| 8 | IC 410-695447/10 | 25.0 | 32.144713 | 10.0 | 1225987.0 | 1.285789 | Y |
| 9 | IC 410-695447/11 | 50.0 | 61.41995 | 10.0 | 1281454.0 | 1.228399 | Y |



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## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

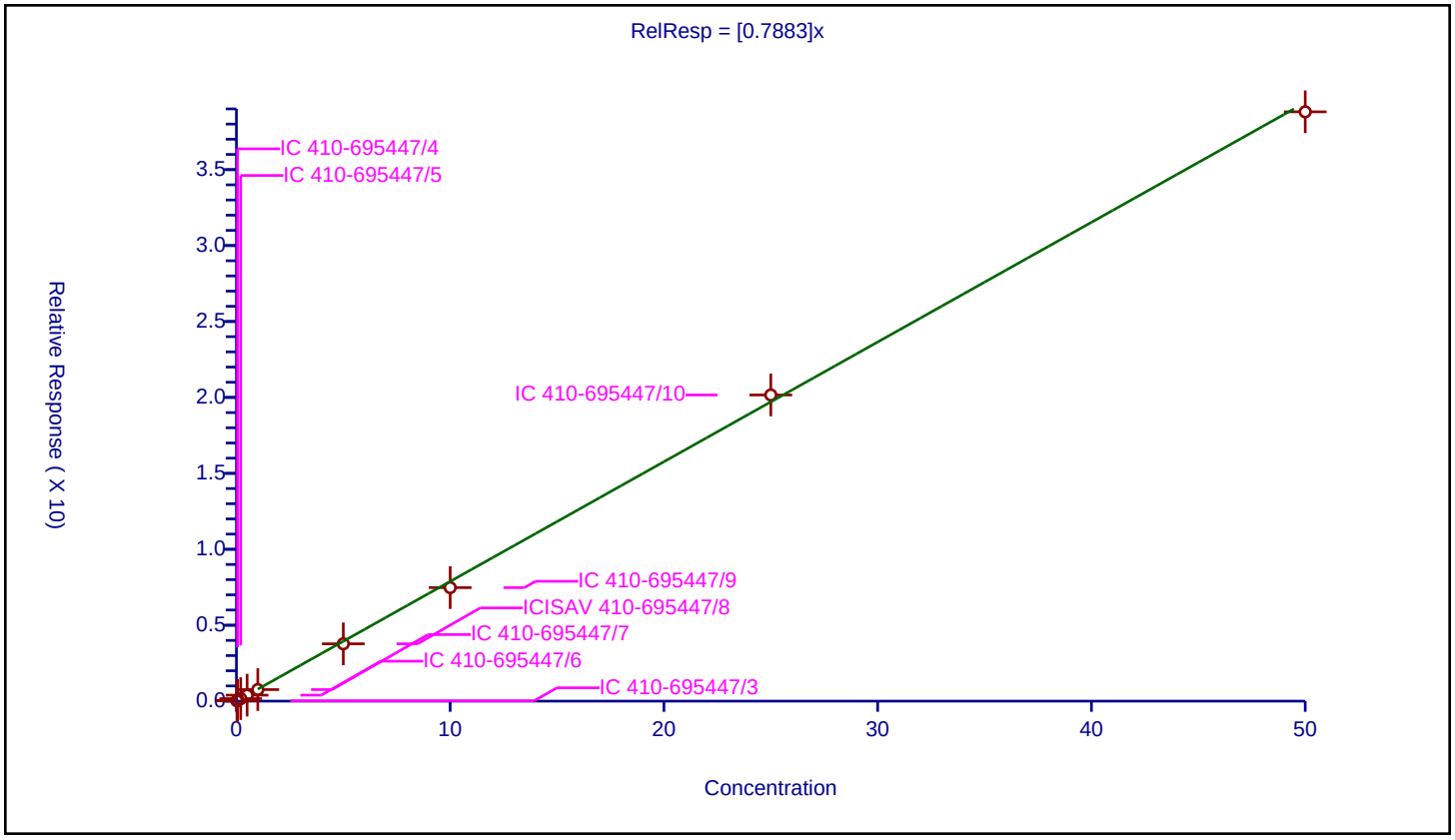
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7883 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.018099 | 10.0 | 1185119.0 | 0.723978 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.04567 | 10.0 | 1174502.0 | 0.913408 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.164912 | 10.0 | 1173053.0 | 0.824558 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.39378 | 10.0 | 1173550.0 | 0.787559 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.760298 | 10.0 | 1173211.0 | 0.760298 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.774441 | 10.0 | 1190995.0 | 0.754888 | Y |
| 7 | IC 410-695447/9 | 10.0 | 7.474092 | 10.0 | 1212851.0 | 0.747409 | Y |
| 8 | IC 410-695447/10 | 25.0 | 20.16178 | 10.0 | 1225987.0 | 0.806471 | Y |
| 9 | IC 410-695447/11 | 50.0 | 38.807167 | 10.0 | 1281454.0 | 0.776143 | Y |



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## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

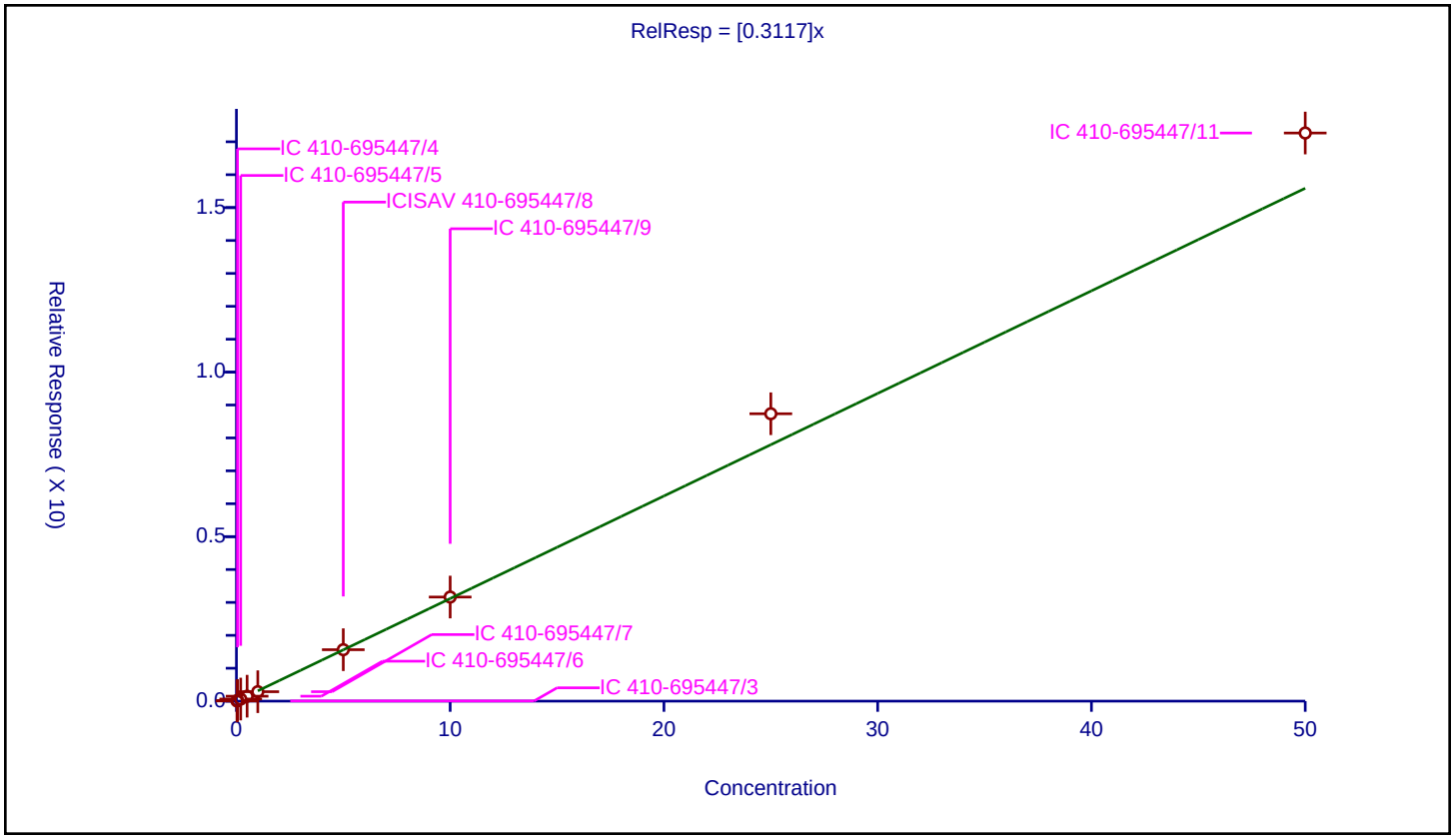
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3117 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.005873 | 10.0 | 1185119.0 | 0.234913 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.017165 | 10.0 | 1174502.0 | 0.343294 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.063356 | 10.0 | 1173053.0 | 0.31678 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.149989 | 10.0 | 1173550.0 | 0.299979 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.286999 | 10.0 | 1173211.0 | 0.286999 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.563113 | 10.0 | 1190995.0 | 0.312623 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.163629 | 10.0 | 1212851.0 | 0.316363 | Y |
| 8 | IC 410-695447/10 | 25.0 | 8.734432 | 10.0 | 1225987.0 | 0.349377 | Y |
| 9 | IC 410-695447/11 | 50.0 | 17.266418 | 10.0 | 1281454.0 | 0.345328 | Y |



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## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

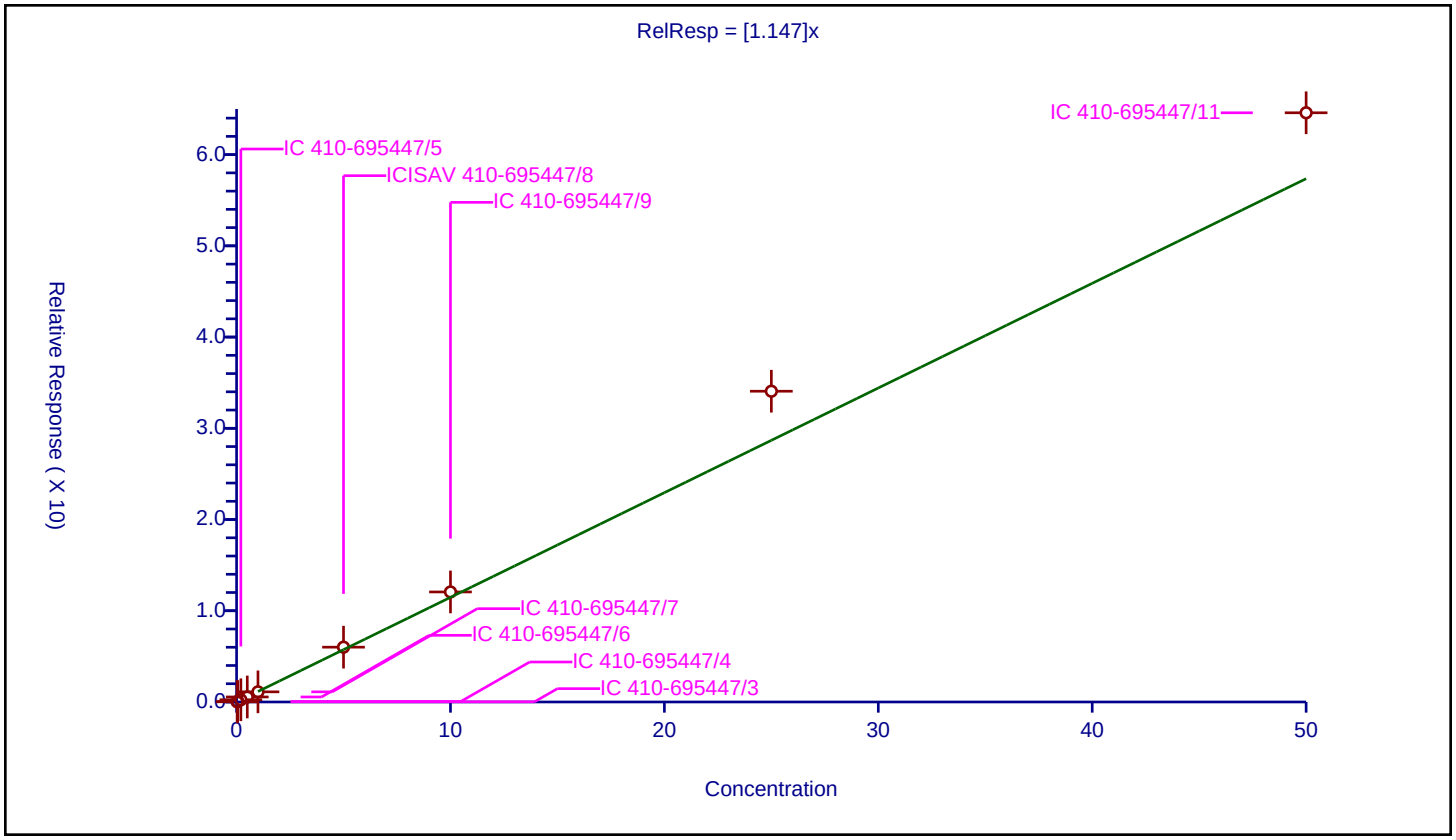
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.021778 | 10.0 | 1185119.0 | 0.871136 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.047825 | 10.0 | 1174502.0 | 0.95649 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.244439 | 10.0 | 1173053.0 | 1.222195 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.551012 | 10.0 | 1173550.0 | 1.102024 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.111045 | 10.0 | 1173211.0 | 1.111045 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.009689 | 10.0 | 1190995.0 | 1.201938 | Y |
| 7 | IC 410-695447/9 | 10.0 | 12.061069 | 10.0 | 1212851.0 | 1.206107 | Y |
| 8 | IC 410-695447/10 | 25.0 | 34.064643 | 10.0 | 1225987.0 | 1.362586 | Y |
| 9 | IC 410-695447/11 | 50.0 | 64.587781 | 10.0 | 1281454.0 | 1.291756 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

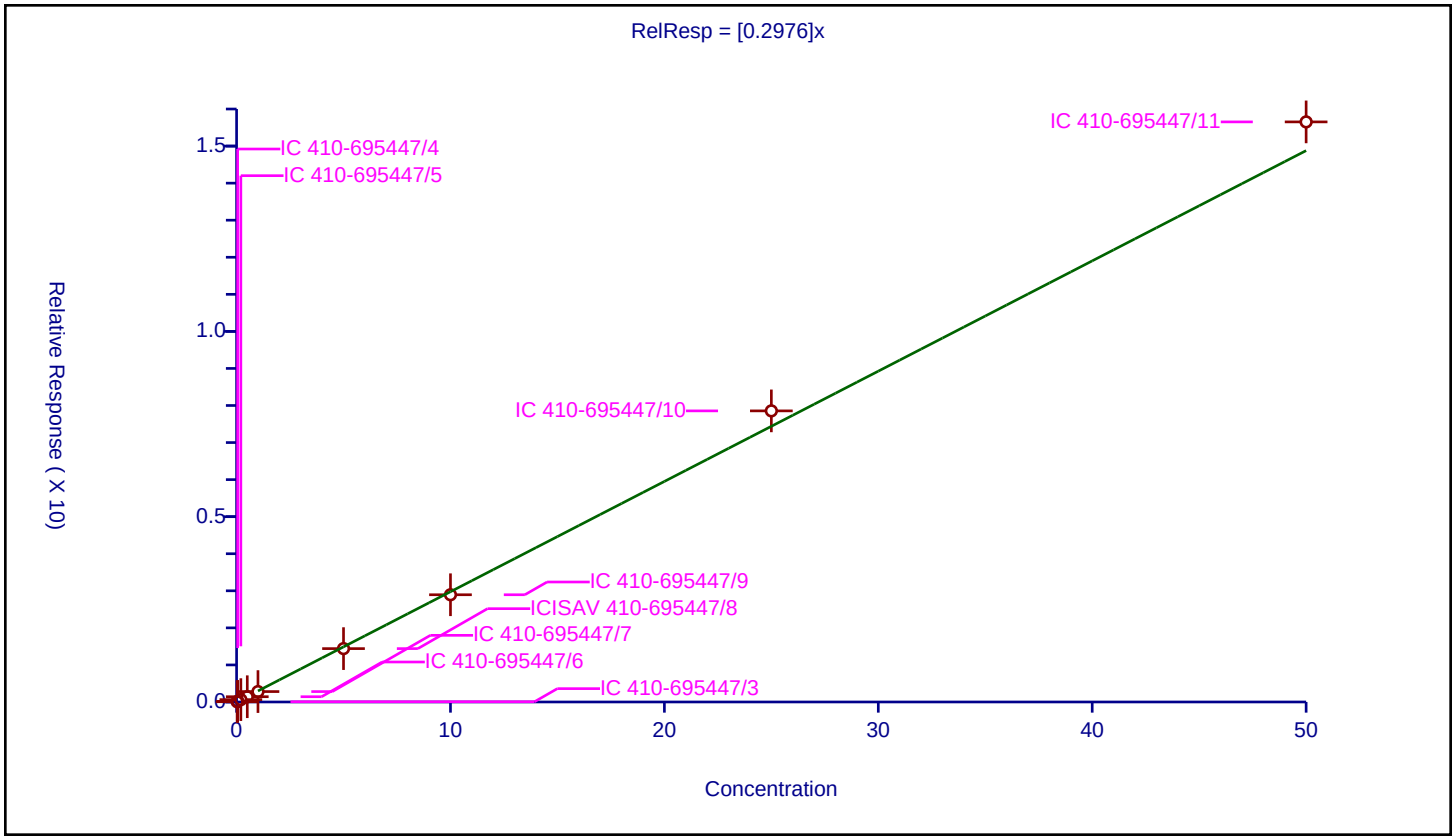
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2976 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.006809 | 10.0 | 1185119.0 | 0.272378 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.015879 | 10.0 | 1174502.0 | 0.317581 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.063706 | 10.0 | 1173053.0 | 0.318528 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.142014 | 10.0 | 1173550.0 | 0.284027 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.280768 | 10.0 | 1173211.0 | 0.280768 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.440359 | 10.0 | 1190995.0 | 0.288072 | Y |
| 7 | IC 410-695447/9 | 10.0 | 2.893604 | 10.0 | 1212851.0 | 0.28936 | Y |
| 8 | IC 410-695447/10 | 25.0 | 7.854928 | 10.0 | 1225987.0 | 0.314197 | Y |
| 9 | IC 410-695447/11 | 50.0 | 15.652735 | 10.0 | 1281454.0 | 0.313055 | Y |



## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

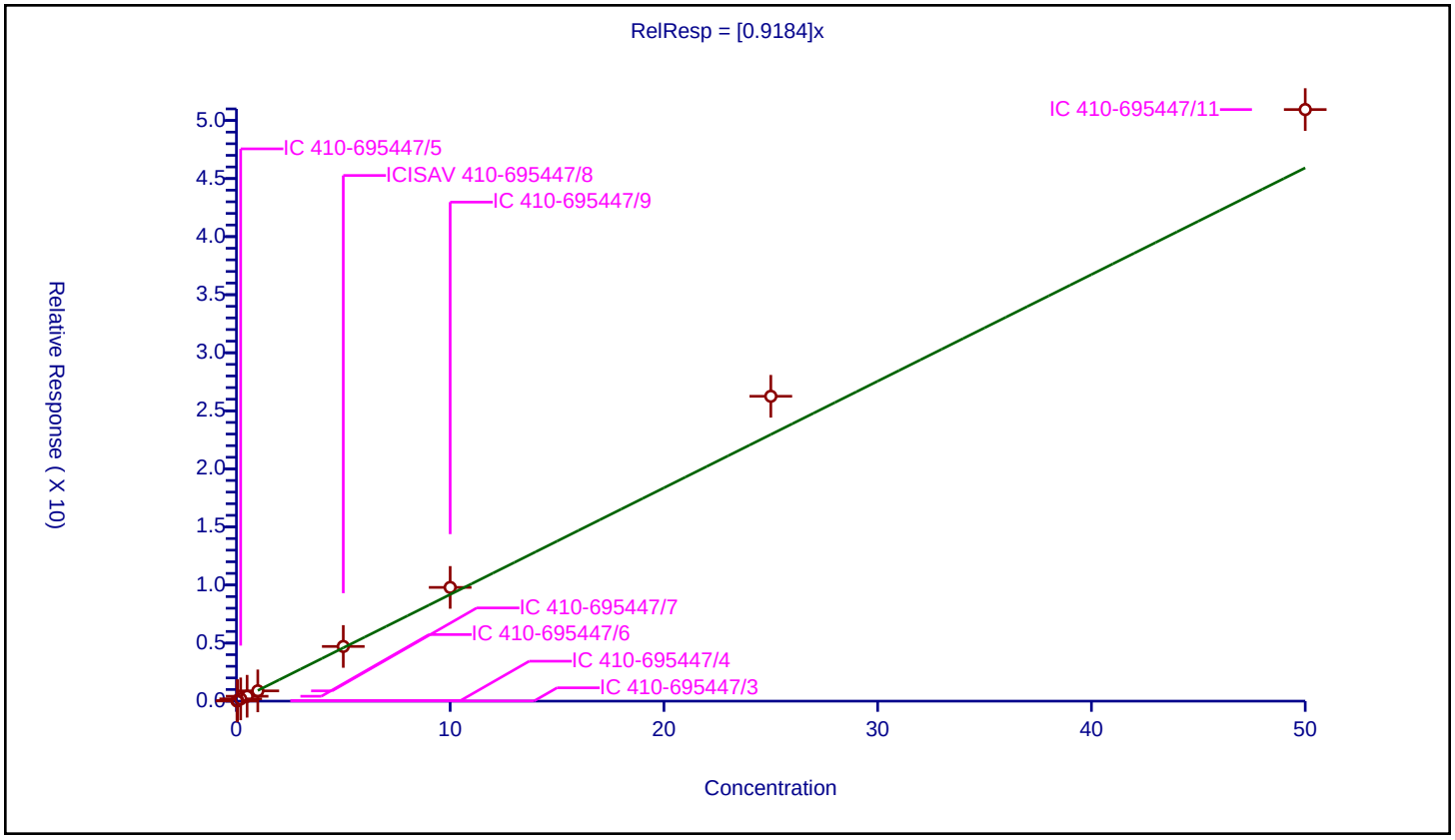
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9184 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.017694 | 10.0 | 1185119.0 | 0.707777 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.042886 | 10.0 | 1174502.0 | 0.857725 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.196811 | 10.0 | 1173053.0 | 0.984056 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.421328 | 10.0 | 1173550.0 | 0.842657 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.883507 | 10.0 | 1173211.0 | 0.883507 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.709172 | 10.0 | 1190995.0 | 0.941834 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.793338 | 10.0 | 1212851.0 | 0.979334 | Y |
| 8 | IC 410-695447/10 | 25.0 | 26.252105 | 10.0 | 1225987.0 | 1.050084 | Y |
| 9 | IC 410-695447/11 | 50.0 | 50.941555 | 10.0 | 1281454.0 | 1.018831 | Y |



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## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

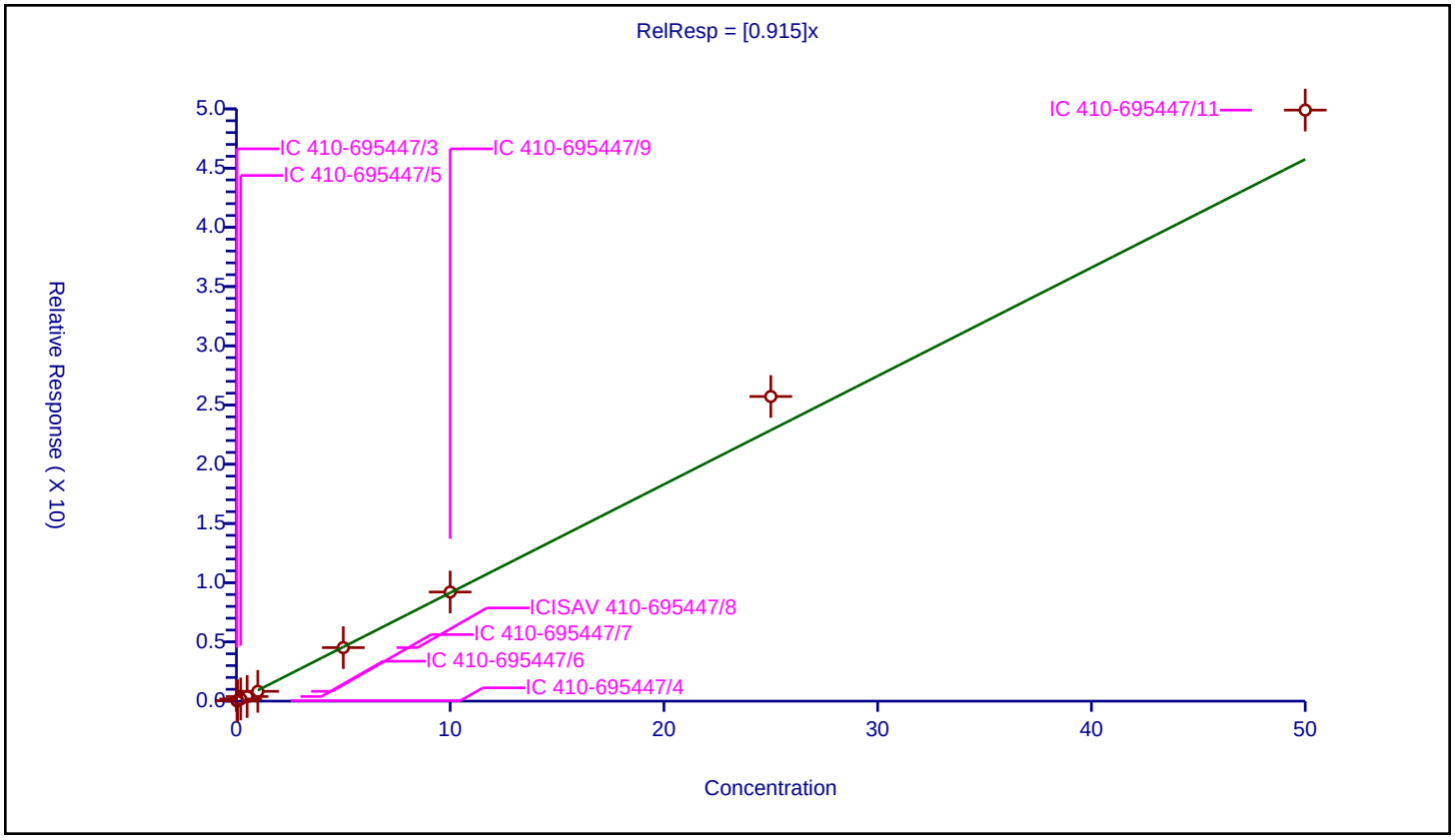
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.027449 | 10.0 | 1185119.0 | 1.097949 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.038127 | 10.0 | 1174502.0 | 0.762536 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.184339 | 10.0 | 1173053.0 | 0.921697 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.38675 | 10.0 | 1173550.0 | 0.773499 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.827558 | 10.0 | 1173211.0 | 0.827558 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.518121 | 10.0 | 1190995.0 | 0.903624 | Y |
| 7 | IC 410-695447/9 | 10.0 | 9.211428 | 10.0 | 1212851.0 | 0.921143 | Y |
| 8 | IC 410-695447/10 | 25.0 | 25.720909 | 10.0 | 1225987.0 | 1.028836 | Y |
| 9 | IC 410-695447/11 | 50.0 | 49.898795 | 10.0 | 1281454.0 | 0.997976 | Y |



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## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

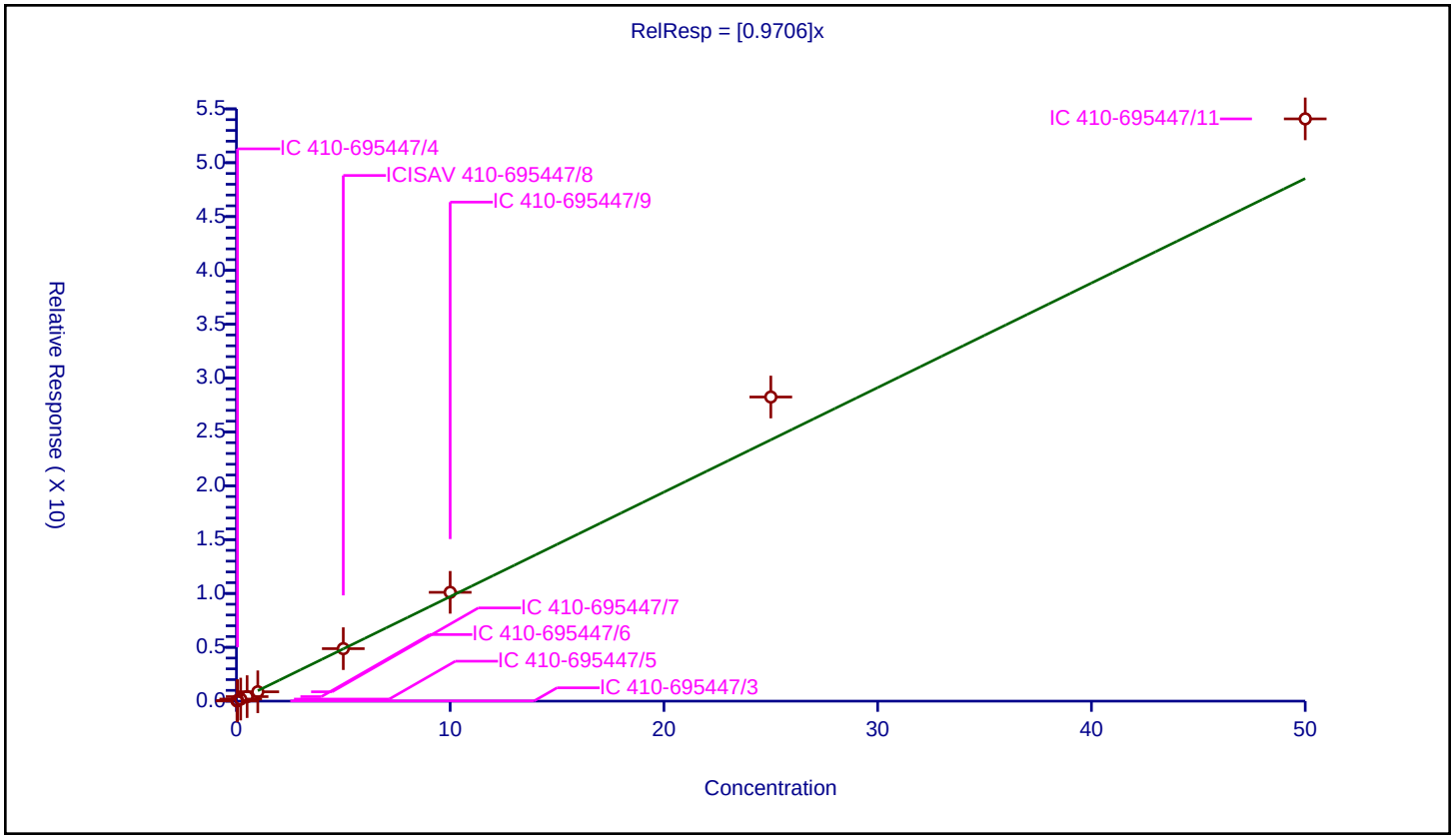
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9706 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.021365 | 10.0 | 1185119.0 | 0.854598 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.050507 | 10.0 | 1174502.0 | 1.01013 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.192677 | 10.0 | 1173053.0 | 0.963384 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.4204 | 10.0 | 1173550.0 | 0.840799 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.8705 | 10.0 | 1173211.0 | 0.8705 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.873404 | 10.0 | 1190995.0 | 0.974681 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.105784 | 10.0 | 1212851.0 | 1.010578 | Y |
| 8 | IC 410-695447/10 | 25.0 | 28.241572 | 10.0 | 1225987.0 | 1.129663 | Y |
| 9 | IC 410-695447/11 | 50.0 | 54.072515 | 10.0 | 1281454.0 | 1.08145 | Y |



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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

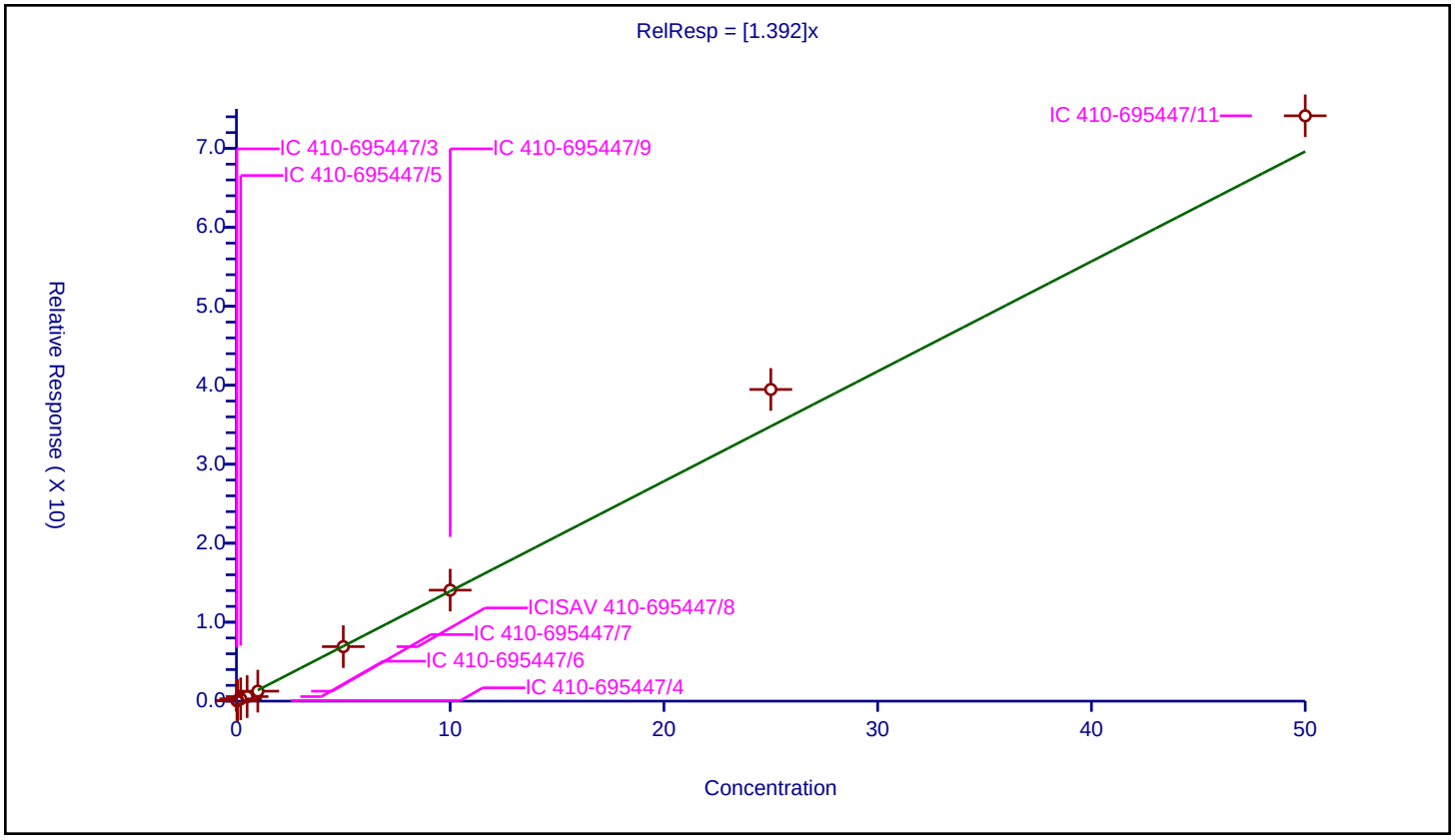
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.392 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.036275 | 10.0 | 1185119.0 | 1.450994 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.068403 | 10.0 | 1174502.0 | 1.368069 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.289603 | 10.0 | 1173053.0 | 1.448016 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.576056 | 10.0 | 1173550.0 | 1.152111 | Y |
| 5 | IC 410-695447/7 | 1.0 | 1.263021 | 10.0 | 1173211.0 | 1.263021 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 6.902103 | 10.0 | 1190995.0 | 1.380421 | Y |
| 7 | IC 410-695447/9 | 10.0 | 14.054975 | 10.0 | 1212851.0 | 1.405497 | Y |
| 8 | IC 410-695447/10 | 25.0 | 39.47068 | 10.0 | 1225987.0 | 1.578827 | Y |
| 9 | IC 410-695447/11 | 50.0 | 74.126289 | 10.0 | 1281454.0 | 1.482526 | Y |



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## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

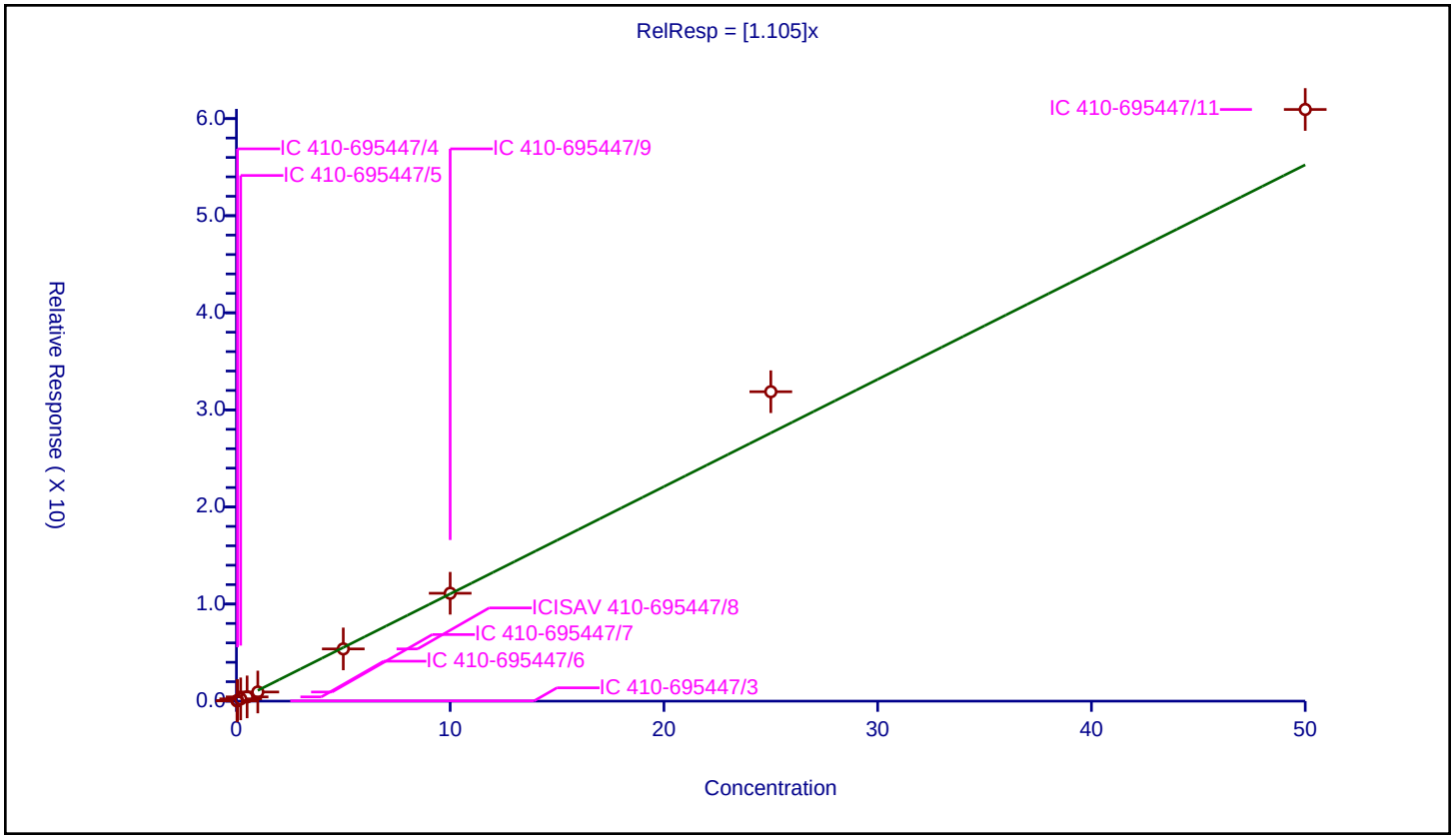
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.105 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.027567 | 10.0 | 1185119.0 | 1.102674 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.058782 | 10.0 | 1174502.0 | 1.175647 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.233809 | 10.0 | 1173053.0 | 1.169044 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.436249 | 10.0 | 1173550.0 | 0.872498 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.942473 | 10.0 | 1173211.0 | 0.942473 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 5.378805 | 10.0 | 1190995.0 | 1.075761 | Y |
| 7 | IC 410-695447/9 | 10.0 | 11.112255 | 10.0 | 1212851.0 | 1.111226 | Y |
| 8 | IC 410-695447/10 | 25.0 | 31.868609 | 10.0 | 1225987.0 | 1.274744 | Y |
| 9 | IC 410-695447/11 | 50.0 | 60.939846 | 10.0 | 1281454.0 | 1.218797 | Y |



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## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

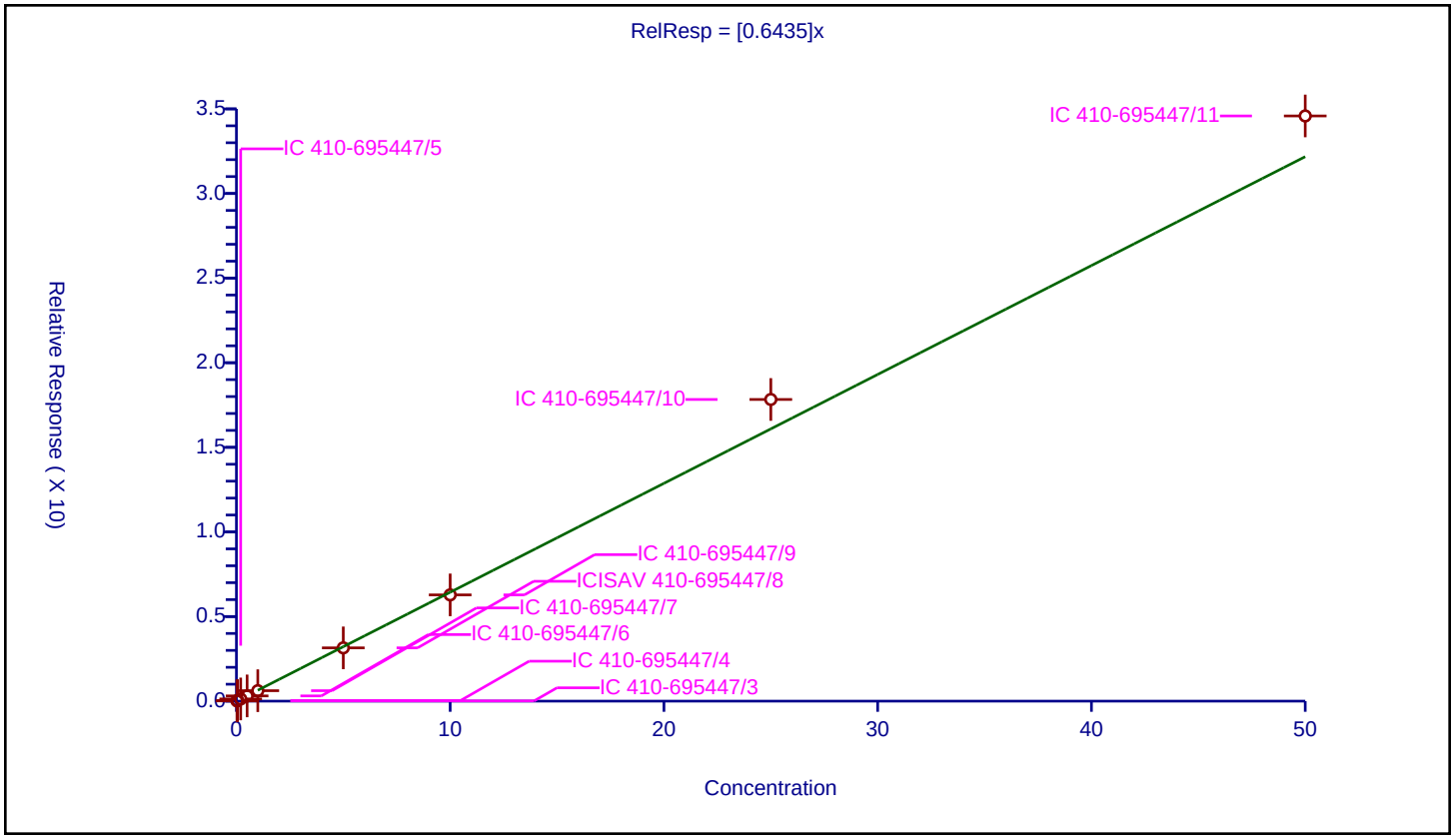
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.01529 | 10.0 | 1185119.0 | 0.611584 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.031375 | 10.0 | 1174502.0 | 0.6275 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.130574 | 10.0 | 1173053.0 | 0.652869 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.309863 | 10.0 | 1173550.0 | 0.619726 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.617476 | 10.0 | 1173211.0 | 0.617476 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.149241 | 10.0 | 1190995.0 | 0.629848 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.279799 | 10.0 | 1212851.0 | 0.62798 | Y |
| 8 | IC 410-695447/10 | 25.0 | 17.82766 | 10.0 | 1225987.0 | 0.713106 | Y |
| 9 | IC 410-695447/11 | 50.0 | 34.582872 | 10.0 | 1281454.0 | 0.691657 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

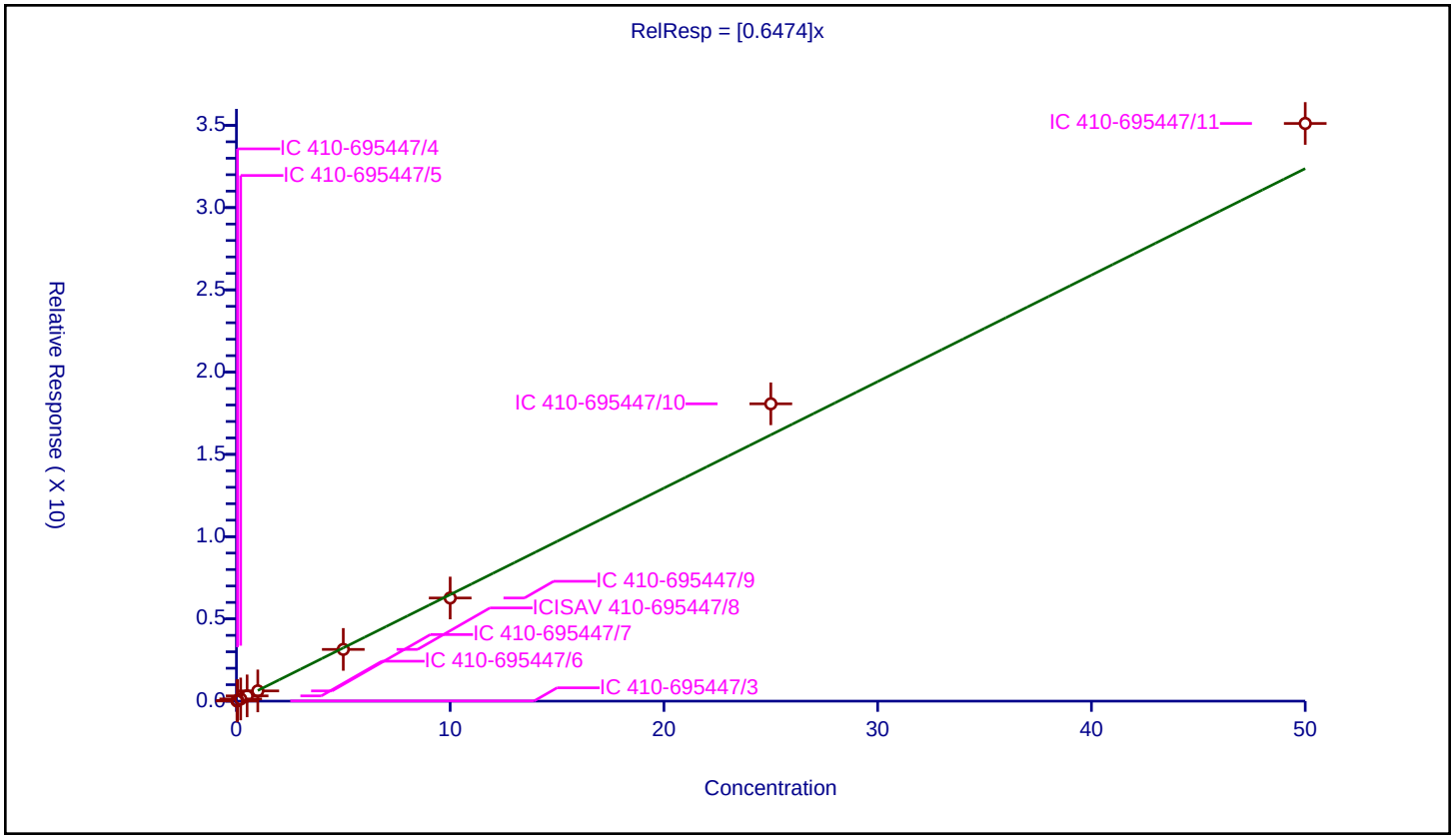
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.012328 | 10.0 | 1185119.0 | 0.493115 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.036066 | 10.0 | 1174502.0 | 0.721327 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.133958 | 10.0 | 1173053.0 | 0.669791 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.319799 | 10.0 | 1173550.0 | 0.639598 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.621678 | 10.0 | 1173211.0 | 0.621678 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 3.145546 | 10.0 | 1190995.0 | 0.629109 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.269995 | 10.0 | 1212851.0 | 0.627 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.073414 | 10.0 | 1225987.0 | 0.722937 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.11469 | 10.0 | 1281454.0 | 0.702294 | Y |



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## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

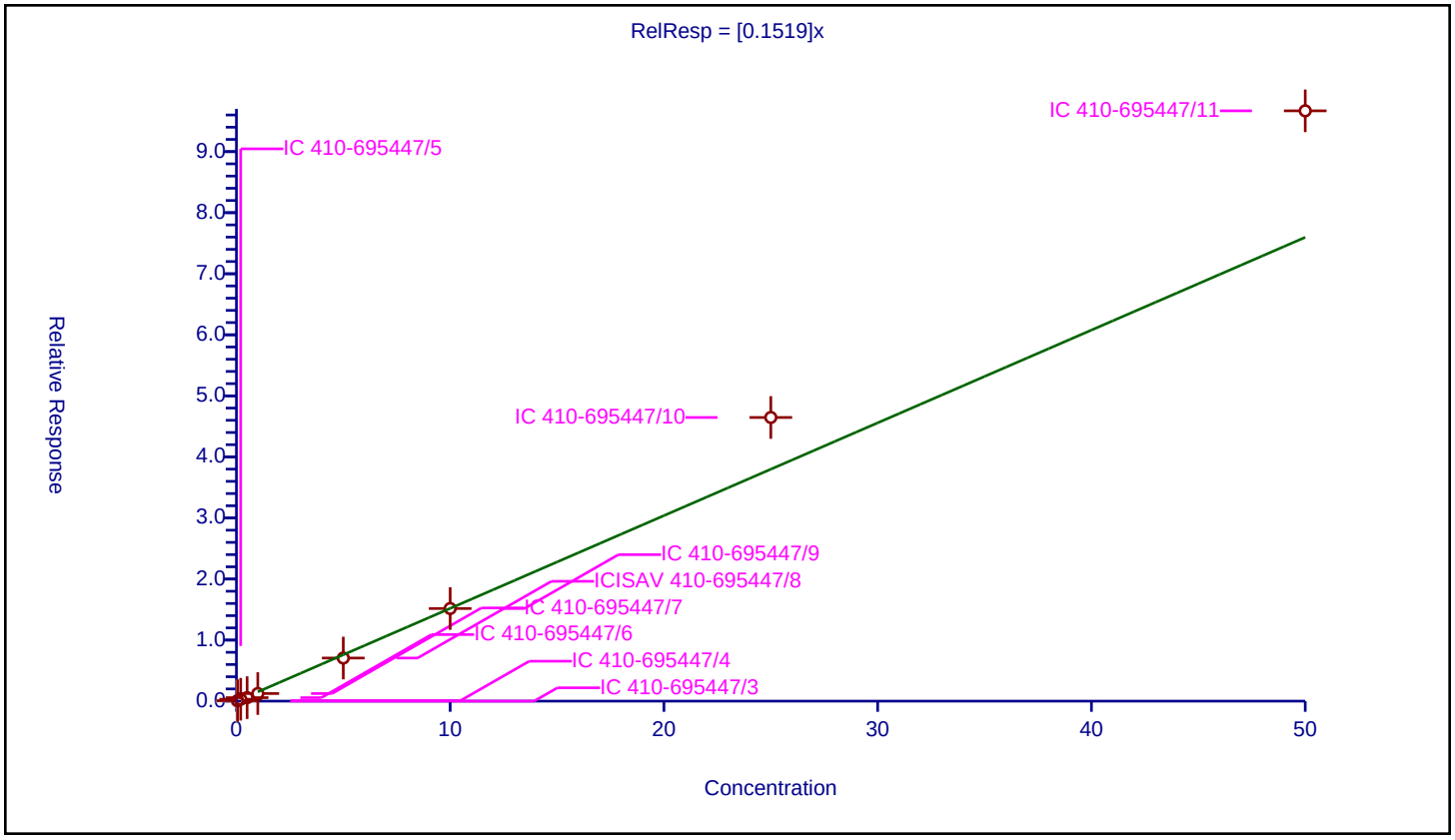
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1519 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.0 | 10.0 | 1185119.0 | 0.0 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.00745 | 10.0 | 1174502.0 | 0.148999 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.031243 | 10.0 | 1173053.0 | 0.156216 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.056819 | 10.0 | 1173550.0 | 0.113638 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.124487 | 10.0 | 1173211.0 | 0.124487 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 0.705998 | 10.0 | 1190995.0 | 0.1412 | Y |
| 7 | IC 410-695447/9 | 10.0 | 1.516847 | 10.0 | 1212851.0 | 0.151685 | Y |
| 8 | IC 410-695447/10 | 25.0 | 4.646085 | 10.0 | 1225987.0 | 0.185843 | Y |
| 9 | IC 410-695447/11 | 50.0 | 9.668213 | 10.0 | 1281454.0 | 0.193364 | Y |



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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

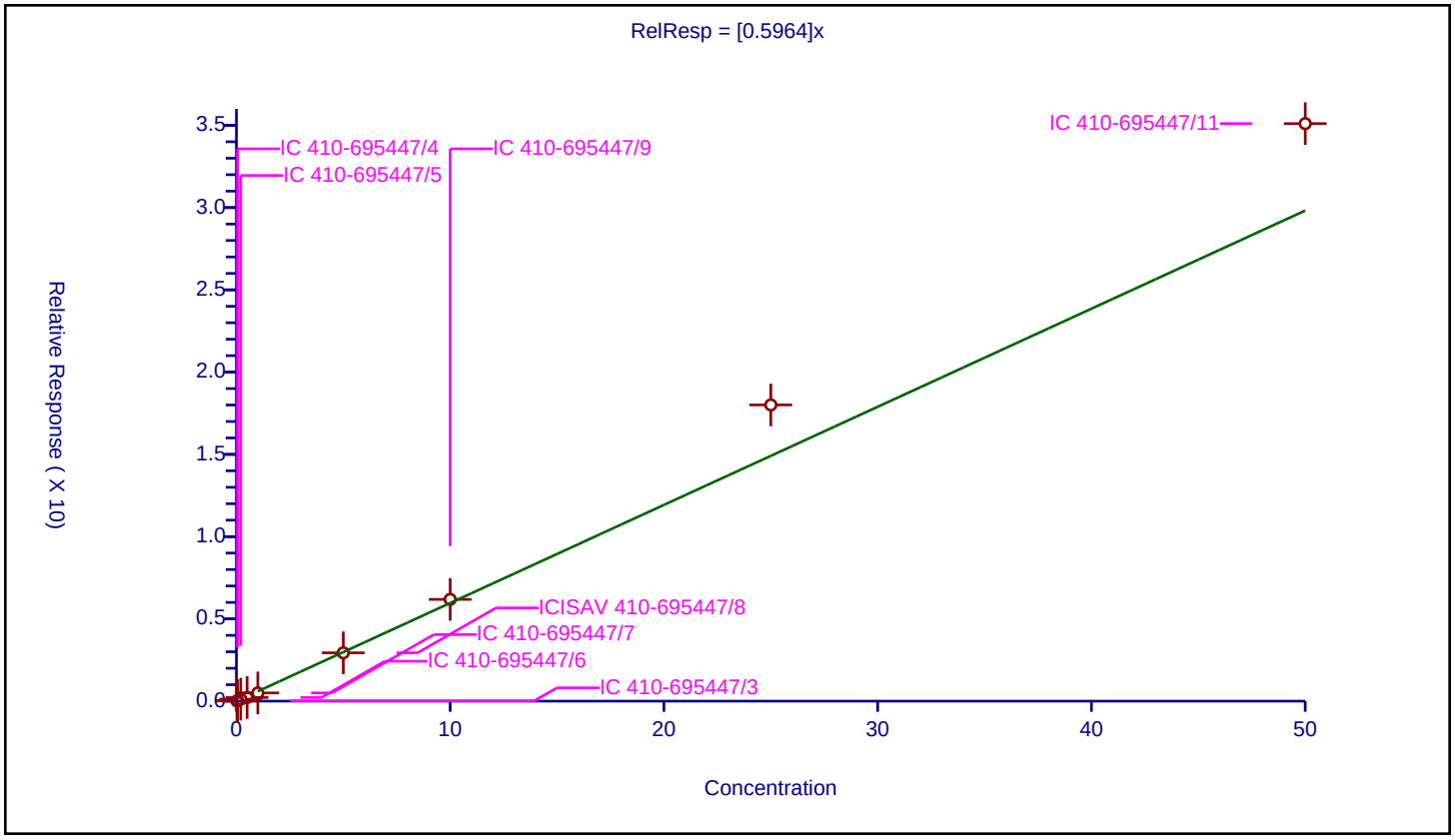
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5964 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.014589 | 10.0 | 1185119.0 | 0.58357 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.030353 | 10.0 | 1174502.0 | 0.607066 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.122978 | 10.0 | 1173053.0 | 0.614891 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.217145 | 10.0 | 1173550.0 | 0.434289 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.498879 | 10.0 | 1173211.0 | 0.498879 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.938123 | 10.0 | 1190995.0 | 0.587625 | Y |
| 7 | IC 410-695447/9 | 10.0 | 6.185657 | 10.0 | 1212851.0 | 0.618566 | Y |
| 8 | IC 410-695447/10 | 25.0 | 18.005134 | 10.0 | 1225987.0 | 0.720205 | Y |
| 9 | IC 410-695447/11 | 50.0 | 35.104889 | 10.0 | 1281454.0 | 0.702098 | Y |



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## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

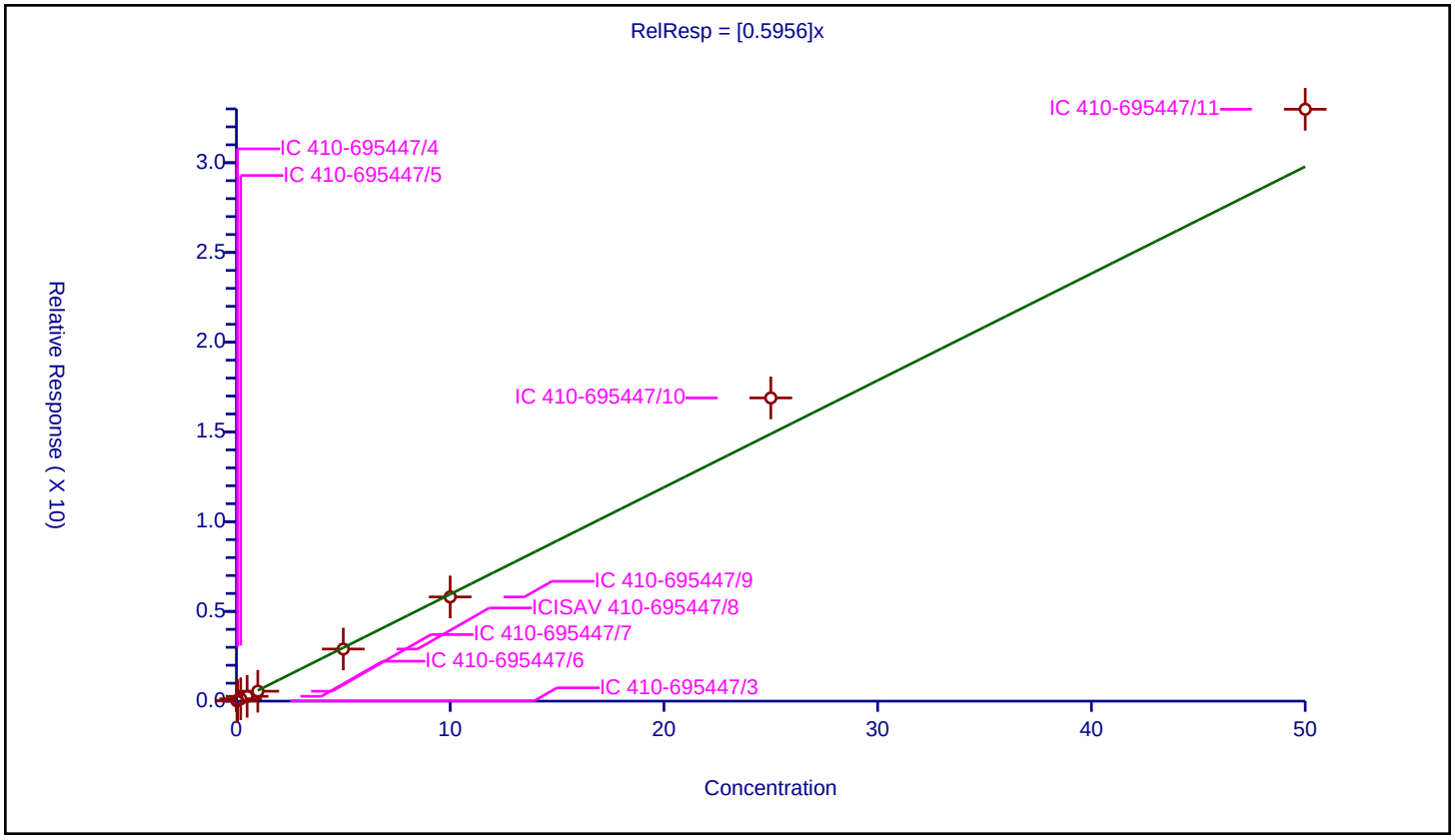
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5956 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.013121 | 10.0 | 1185119.0 | 0.524842 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.030234 | 10.0 | 1174502.0 | 0.604682 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.129397 | 10.0 | 1173053.0 | 0.646987 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.267513 | 10.0 | 1173550.0 | 0.535026 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.552663 | 10.0 | 1173211.0 | 0.552663 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.903262 | 10.0 | 1190995.0 | 0.580652 | Y |
| 7 | IC 410-695447/9 | 10.0 | 5.805734 | 10.0 | 1212851.0 | 0.580573 | Y |
| 8 | IC 410-695447/10 | 25.0 | 16.895359 | 10.0 | 1225987.0 | 0.675814 | Y |
| 9 | IC 410-695447/11 | 50.0 | 32.979756 | 10.0 | 1281454.0 | 0.659595 | Y |



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## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

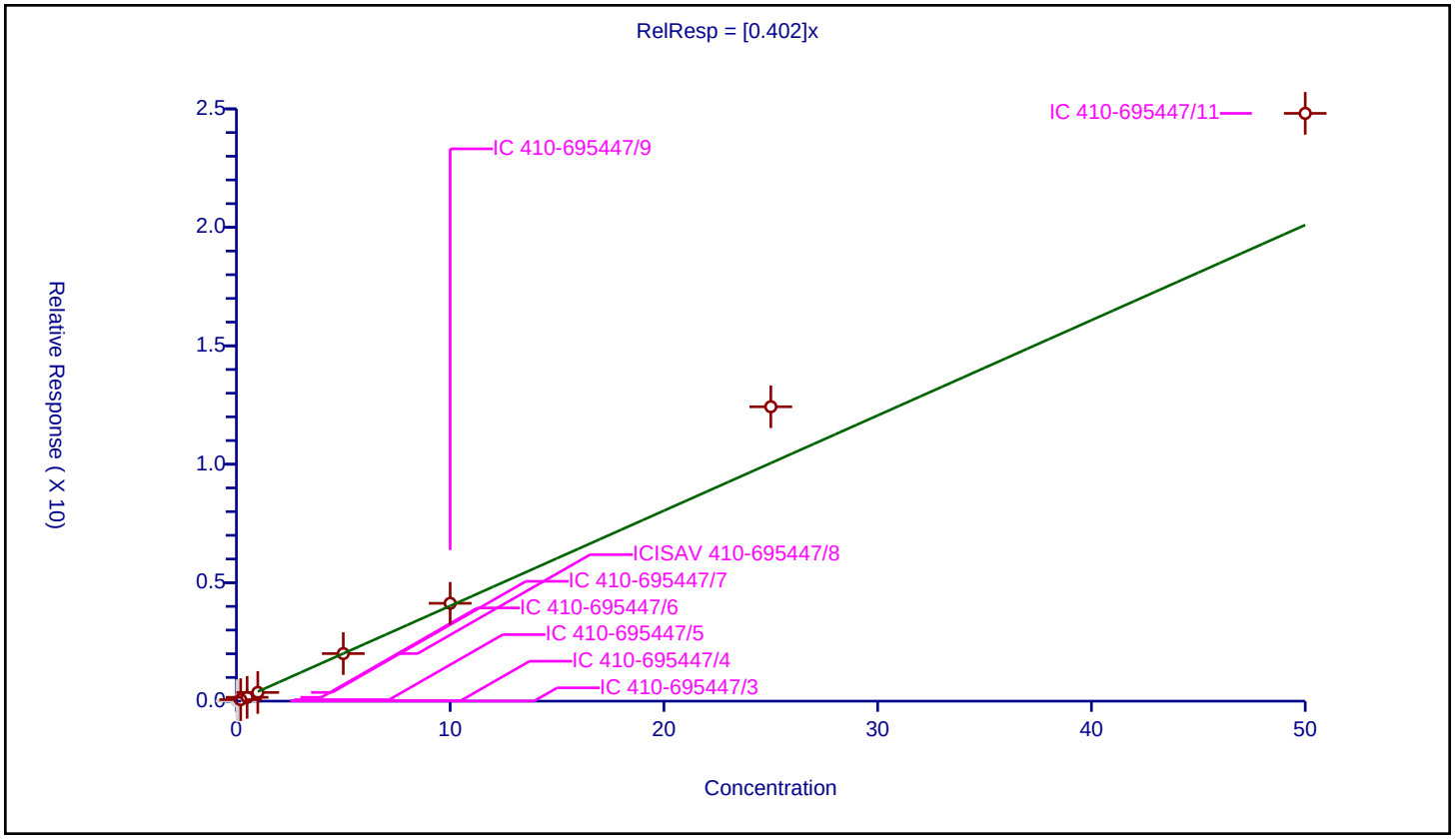
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.402 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.005704 | 10.0 | 1185119.0 | 0.228163 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.011349 | 10.0 | 1174502.0 | 0.22699 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.063049 | 10.0 | 1173053.0 | 0.315246 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.161868 | 10.0 | 1173550.0 | 0.323736 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.367087 | 10.0 | 1173211.0 | 0.367087 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 2.00754 | 10.0 | 1190995.0 | 0.401508 | Y |
| 7 | IC 410-695447/9 | 10.0 | 4.130277 | 10.0 | 1212851.0 | 0.413028 | Y |
| 8 | IC 410-695447/10 | 25.0 | 12.42744 | 10.0 | 1225987.0 | 0.497098 | Y |
| 9 | IC 410-695447/11 | 50.0 | 24.811292 | 10.0 | 1281454.0 | 0.496226 | Y |



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## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

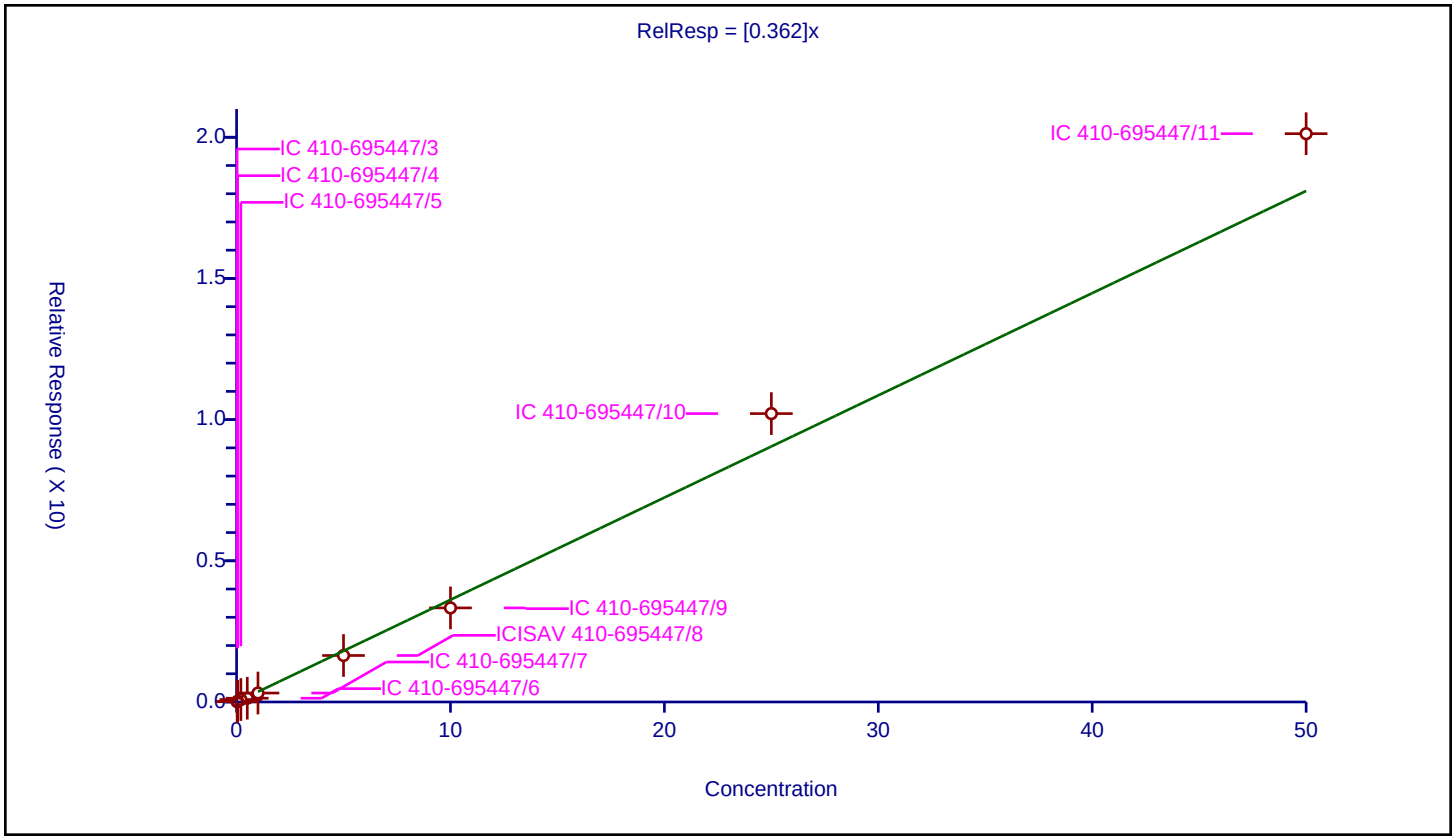
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.009451 | 10.0 | 1185119.0 | 0.378021 | Y |
| 2 | IC 410-695447/4 | 0.05 | 0.019523 | 10.0 | 1174502.0 | 0.390463 | Y |
| 3 | IC 410-695447/5 | 0.2 | 0.086211 | 10.0 | 1173053.0 | 0.431055 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.133705 | 10.0 | 1173550.0 | 0.267411 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.31724 | 10.0 | 1173211.0 | 0.31724 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 1.646313 | 10.0 | 1190995.0 | 0.329263 | Y |
| 7 | IC 410-695447/9 | 10.0 | 3.332 | 10.0 | 1212851.0 | 0.3332 | Y |
| 8 | IC 410-695447/10 | 25.0 | 10.213453 | 10.0 | 1225987.0 | 0.408538 | Y |
| 9 | IC 410-695447/11 | 50.0 | 20.126497 | 10.0 | 1281454.0 | 0.40253 | Y |



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## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

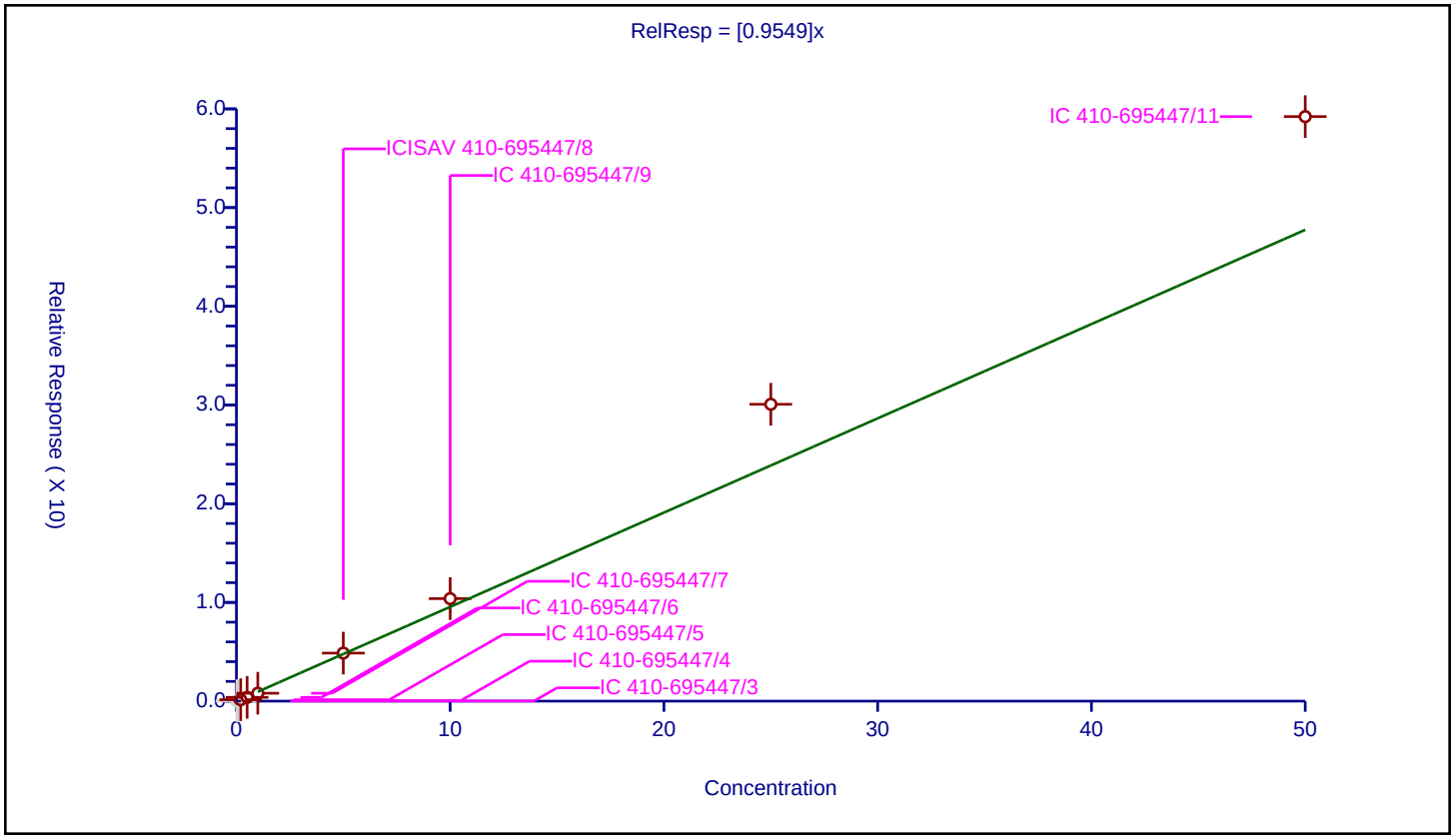
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9549 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 410-695447/3 | 0.025 | 0.017948 | 10.0 | 1185119.0 | 0.717903 | N |
| 2 | IC 410-695447/4 | 0.05 | 0.027825 | 10.0 | 1174502.0 | 0.556491 | N |
| 3 | IC 410-695447/5 | 0.2 | 0.144768 | 10.0 | 1173053.0 | 0.723838 | Y |
| 4 | IC 410-695447/6 | 0.5 | 0.380734 | 10.0 | 1173550.0 | 0.761467 | Y |
| 5 | IC 410-695447/7 | 1.0 | 0.800018 | 10.0 | 1173211.0 | 0.800018 | Y |
| 6 | ICISAV 410-695447/8 | 5.0 | 4.866956 | 10.0 | 1190995.0 | 0.973391 | Y |
| 7 | IC 410-695447/9 | 10.0 | 10.384994 | 10.0 | 1212851.0 | 1.038499 | Y |
| 8 | IC 410-695447/10 | 25.0 | 30.072211 | 10.0 | 1225987.0 | 1.202888 | Y |
| 9 | IC 410-695447/11 | 50.0 | 59.220097 | 10.0 | 1281454.0 | 1.184402 | Y |



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FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: ICV 410-693962/15  Calibration Date: 08/30/2025 02:14

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6G29X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 2.748 | 2.790 | | 5.08 | 5.00 | 1.5 | 30.0 |
| Chlorodifluoromethane | Ave | 2.014 | 2.072 | | 5.14 | 5.00 | 2.9 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.086 | 3.048 | | 4.94 | 5.00 | -1.2 | 30.0 |
| Chloromethane | Qua | | 1.107 | | 4.65 | 5.00 | -7.0 | |
| Vinyl chloride | Ave | 1.307 | 1.252 | | 4.79 | 5.00 | -4.2 | 30.0 |
| 1,3-Butadiene | Ave | 1.056 | 0.9541 | | 4.52 | 5.00 | -9.7 | 30.0 |
| Bromomethane | Ave | 0.8037 | 0.7805 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Chloroethane | Ave | 0.7051 | 0.7671 | | 5.44 | 5.00 | 8.8 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.049 | 0.9765 | | 4.65 | 5.00 | -6.9 | 30.0 |
| Trichlorofluoromethane | Ave | 2.749 | 2.585 | | 4.70 | 5.00 | -6.0 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 1.315 | 1.374 | | 5.22 | 5.00 | 4.4 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.906 | 2.014 | | 5.28 | 5.00 | 5.7 | 30.0 |
| Acetone | Ave | 2.374 | 2.122 | | 4.47 | 5.00 | -10.6 | 30.0 |
| Carbon disulfide | Ave | 3.735 | 3.116 | | 4.17 | 5.00 | -16.6 | 30.0 |
| Isopropyl alcohol | Ave | 3.153 | 2.492 | | 3.95 | 5.00 | -21.0 | 30.0 |
| 3-Chloropropene | Ave | 1.918 | 1.833 | | 4.78 | 5.00 | -4.4 | 30.0 |
| Methylene Chloride | Ave | 1.055 | 1.009 | | 4.78 | 5.00 | -4.4 | 30.0 |
| tert-Butyl alcohol | Ave | 2.911 | 2.663 | | 5.08 | 5.55 | -8.5 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.722 | 3.311 | | 4.45 | 5.00 | -11.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.936 | 1.794 | | 4.63 | 5.00 | -7.4 | 30.0 |
| n-Hexane | Ave | 1.206 | 1.032 | | 4.28 | 5.00 | -14.4 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.270 | 2.235 | | 4.92 | 5.00 | -1.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.765 | 1.701 | | 4.82 | 5.00 | -3.6 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.7203 | 0.6109 | | 4.24 | 5.00 | -15.2 | 30.0 |
| Tetrahydrofuran | Ave | 1.711 | 1.580 | | 4.62 | 5.00 | -7.7 | 30.0 |
| Chloroform | Ave | 2.391 | 2.346 | | 4.90 | 5.00 | -1.9 | 30.0 |
| Cyclohexane | Ave | 2.393 | 2.072 | | 4.33 | 5.00 | -13.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 2.434 | 2.269 | | 4.66 | 5.00 | -6.8 | 30.0 |
| Carbon tetrachloride | Ave | 2.203 | 2.099 | | 4.76 | 5.00 | -4.7 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.561 | 1.516 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Benzene | Ave | 0.8962 | 0.8379 | | 4.67 | 5.00 | -6.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4253 | 0.3911 | | 4.60 | 5.00 | -8.0 | 30.0 |
| n-Heptane | Ave | 0.3516 | 0.3150 | | 4.48 | 5.00 | -10.4 | 30.0 |
| Trichloroethene | Ave | 0.3334 | 0.3106 | | 4.66 | 5.00 | -6.8 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4007 | 0.3387 | | 4.23 | 5.00 | -15.5 | 30.0 |
| Methyl methacrylate | Ave | 0.3732 | 0.3235 | | 4.33 | 5.00 | -13.3 | 30.0 |
| 1,4-Dioxane | Ave | 0.2188 | 0.1997 | | 4.56 | 5.00 | -8.7 | 30.0 |
| Bromodichloromethane | Ave | 0.6327 | 0.5671 | | 4.48 | 5.00 | -10.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5886 | 0.5132 | | 4.36 | 5.00 | -12.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: ICV 410-693962/15  Calibration Date: 08/30/2025 02:14

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6G29X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.8859 | 0.7917 | | 4.47 | 5.00 | -10.6 | 30.0 |
| Toluene | Ave | 1.079 | 0.9408 | | 4.36 | 5.00 | -12.8 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4722 | 0.4336 | | 4.59 | 5.00 | -8.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3528 | 0.3062 | | 4.34 | 5.00 | -13.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4762 | 0.3669 | | 3.85 | 5.00 | -22.9 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.8387 | 0.7388 | | 4.40 | 5.00 | -11.9 | 30.0 |
| Dibromochloromethane | Ave | 0.4083 | 0.3618 | | 4.43 | 5.00 | -11.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5064 | 0.4443 | | 4.39 | 5.00 | -12.3 | 30.0 |
| Chlorobenzene | Ave | 0.7777 | 0.6406 | | 4.12 | 5.00 | -17.6 | 30.0 |
| Ethylbenzene | Ave | 1.375 | 1.143 | | 4.16 | 5.00 | -16.8 | 30.0 |
| m,p-Xylene | Ave | 1.041 | 0.9064 | | 4.36 | 5.00 | -12.9 | 30.0 |
| o-Xylene | Ave | 1.100 | 0.8592 | | 3.90 | 5.00 | -21.9 | 30.0 |
| Styrene | Ave | 0.7626 | 0.5943 | | 3.90 | 5.00 | -22.1 | 30.0 |
| Bromoform | Ave | 0.4615 | 0.3874 | | 4.20 | 5.00 | -16.0 | 30.0 |
| Cumene | Ave | 1.390 | 1.125 | | 4.05 | 5.00 | -19.0 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8187 | 0.6442 | | 3.93 | 5.00 | -21.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3785 | 0.2881 | | 3.81 | 5.00 | -23.9 | 30.0 |
| 4-Ethyltoluene | Ave | 1.327 | 1.085 | | 4.09 | 5.00 | -18.3 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3324 | 0.2562 | | 3.85 | 5.00 | -22.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.169 | 0.9081 | | 3.88 | 5.00 | -22.3 | 30.0 |
| tert-Butylbenzene | Ave | 1.036 | 0.8344 | | 4.03 | 5.00 | -19.5 | 42.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.181 | 0.9011 | | 3.82 | 5.00 | -23.7 | 30.0 |
| sec-Butylbenzene | Ave | 1.674 | 1.306 | | 3.90 | 5.00 | -22.0 | 41.0 |
| 4-Isopropyltoluene | Ave | 1.386 | 1.070 | | 3.86 | 5.00 | -22.8 | 48.0 |
| 1,3-Dichlorobenzene | Ave | 0.7051 | 0.5575 | | 3.95 | 5.00 | -20.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7210 | 0.5661 | | 3.93 | 5.00 | -21.5 | 30.0 |
| Benzyl chloride | Ave | 0.2071 | 0.1654 | | 3.99 | 5.00 | -20.1 | 30.0 |
| n-Butylbenzene | Ave | 0.7685 | 0.6338 | | 4.12 | 5.00 | -17.5 | 48.0 |
| 1,2-Dichlorobenzene | Ave | 0.6841 | 0.5392 | | 3.94 | 5.00 | -21.2 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5708 | 0.5440 | | 4.77 | 5.00 | -4.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4356 | 0.4525 | | 5.19 | 5.00 | 3.9 | 30.0 |
| Naphthalene | Ave | 1.411 | 1.189 | | 4.89 | 5.80 | -15.7 | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X15.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Aug-2025 02:14:37 ALS Bottle#: 3 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0158236-015
Operator ID: al109694 Instrument ID: HP26379
Sublist:

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 05-Sep-2025 10:37:33 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1724

First Level Reviewer: D7UM Date: 03-Sep-2025 14:12:21

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.617 | 1.632 | -0.015 | 97 | 282205 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.651 | 1.666 | -0.015 | 99 | 807272 | 5.00 | 5.08 | |
| 3 Chlorodifluoromethane | 51 | 1.685 | 1.703 | -0.018 | 97 | 599417 | 5.00 | 5.14 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.771 | 1.786 | -0.015 | 97 | 881881 | 5.00 | 4.94 | |
| 5 Chloromethane | 50 | 1.868 | 1.887 | -0.019 | 99 | 320184 | 5.00 | 4.65 | |
| 6 Vinyl chloride | 62 | 1.977 | 1.996 | -0.019 | 97 | 362395 | 5.00 | 4.79 | |
| 7 Butadiene | 54 | 1.996 | 2.014 | -0.018 | 90 | 276066 | 5.00 | 4.52 | |
| 8 Bromomethane | 94 | 2.378 | 2.397 | -0.019 | 92 | 225829 | 5.00 | 4.86 | |
| 9 Chloroethane | 64 | 2.494 | 2.509 | -0.015 | 100 | 221961 | 5.00 | 5.44 | |
| 10 Vinyl bromide | 106 | 2.693 | 2.708 | -0.015 | 99 | 282539 | 5.00 | 4.65 | |
| 12 Trichlorofluoromethane | 101 | 2.738 | 2.753 | -0.015 | 98 | 747881 | 5.00 | 4.70 | |
| 13 Dichlorofluoromethane | 67 | 2.745 | 2.760 | -0.015 | 97 | 786463 | NC | NC | |
| 11 Pentane | 43 | 2.802 | 2.817 | -0.015 | 96 | 648519 | NC | NC | |
| 14 Ethanol | 45 | 3.053 | 3.072 | -0.019 | 100 | 166731 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.312 | 3.323 | -0.011 | 97 | 397418 | 5.00 | 5.22 | |
| 19 Acrolein | 56 | 3.312 | 3.323 | -0.011 | 99 | 156770 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.341 | 3.353 | -0.012 | 93 | 582701 | 5.00 | 5.28 | |
| 23 Acetone | 43 | 3.480 | 3.495 | -0.015 | 99 | 613847 | 5.00 | 4.47 | |
| 18 Iodomethane | 142 | 3.533 | 3.544 | -0.011 | 100 | 675956 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.563 | 3.574 | -0.011 | 100 | 901496 | 5.00 | 4.17 | |
| 20 Isopropyl alcohol | 45 | 3.630 | 3.645 | -0.015 | 98 | 720901 | 5.00 | 3.95 | |
| 21 3-Chloro-1-propene | 41 | 3.780 | 3.791 | -0.011 | 91 | 530459 | 5.00 | 4.78 | |
| 28 Acetonitrile | 41 | 3.881 | 3.893 | -0.011 | 98 | 365282 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.953 | 3.964 | -0.011 | 99 | 291954 | 5.00 | 4.78 | |
| 27 2-Methyl-2-propanol | 59 | 4.072 | 4.084 | -0.012 | 99 | 855222 | 5.55 | 5.08 | |
| 26 Methyl tert-butyl ether | 73 | 4.174 | 4.185 | -0.011 | 97 | 957970 | 5.00 | 4.45 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.192 | 4.204 | -0.012 | 93 | 518966 | 5.00 | 4.63 | |
| 31 Acrylonitrile | 53 | 4.305 | 4.316 | -0.011 | 99 | 313914 | NC | NC | |
| 25 Hexane | 56 | 4.399 | 4.406 | -0.007 | 95 | 298672 | 5.00 | 4.28 | |
| 29 Isopropyl ether | 45 | 4.691 | 4.698 | -0.007 | 98 | 1353009 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 1,1-Dichloroethane | 63 | 4.710 | 4.717 | -0.007 | 96 | 646647 | 5.00 | 4.92 | |
| 33 Vinyl acetate | 86 | 4.747 | 4.758 | -0.011 | 97 | 91785 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 5.088 | 5.096 | -0.008 | 99 | 1181557 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.358 | 5.366 | -0.008 | 83 | 492103 | 5.00 | 4.82 | |
| 43 2-Butanone (MEK) | 72 | 5.396 | 5.403 | -0.007 | 98 | 176762 | 5.00 | 4.24 | |
| 38 Ethyl acetate | 70 | 5.411 | 5.418 | -0.007 | 99 | 85806 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.467 | 5.474 | -0.007 | 99 | 677835 | NC | NC | |
| 41 Tetrahydrofuran | 42 | 5.632 | 5.639 | -0.007 | 87 | 457044 | 5.00 | 4.62 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.639 | -0.003 | 92 | 578688 | 10.0 | 10.0 | |
| 37 Chloroform | 83 | 5.707 | 5.714 | -0.007 | 95 | 678666 | 5.00 | 4.90 | |
| 36 Cyclohexane | 56 | 5.831 | 5.834 | -0.003 | 94 | 599588 | 5.00 | 4.33 | |
| 42 1,1,1-Trichloroethane | 97 | 5.857 | 5.864 | -0.007 | 97 | 656402 | 5.00 | 4.66 | |
| 40 Carbon tetrachloride | 117 | 5.996 | 5.999 | -0.003 | 96 | 607268 | 5.00 | 4.76 | |
| 44 Isooctane | 57 | 6.247 | 6.250 | -0.003 | 97 | 1842719 | 5.00 | 4.86 | |
| 46 Benzene | 78 | 6.269 | 6.273 | -0.004 | 94 | 1018358 | 5.00 | 4.67 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.299 | 6.307 | -0.008 | 0 | 1010307 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.367 | 6.374 | -0.007 | 97 | 1032414 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.385 | 6.393 | -0.008 | 97 | 475397 | 5.00 | 4.60 | |
| 45 n-Heptane | 71 | 6.464 | 6.468 | -0.004 | 96 | 382873 | 5.00 | 4.48 | |
| * 50 1,4-Difluorobenzene | 114 | 6.760 | 6.764 | -0.004 | 97 | 2430832 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.015 | 7.019 | -0.004 | 95 | 377525 | 5.00 | 4.66 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.184 | -0.004 | 99 | 864649 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.341 | 7.345 | -0.004 | 96 | 411606 | 5.00 | 4.23 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.454 | -0.004 | 94 | 393185 | 5.00 | 4.33 | |
| 56 1,4-Dioxane | 88 | 7.476 | 7.476 | 0.000 | 98 | 242672 | 5.00 | 4.56 | |
| 51 Dibromomethane | 174 | 7.487 | 7.491 | -0.004 | 90 | 318481 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.664 | 0.000 | 98 | 689202 | 5.00 | 4.48 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.215 | -0.004 | 93 | 623778 | 5.00 | 4.36 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.398 | 8.402 | -0.004 | 98 | 962209 | 5.00 | 4.47 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2832754 | NC | NC | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 97 | 1136541 | 5.00 | 4.36 | |
| 58 n-Octane | 43 | 8.593 | 8.593 | 0.000 | 88 | 966178 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.912 | 8.912 | 0.000 | 97 | 523753 | 5.00 | 4.59 | |
| 63 Ethyl methacrylate | 69 | 8.942 | 8.942 | 0.000 | 92 | 619175 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.103 | 9.103 | 0.000 | 92 | 369898 | 5.00 | 4.34 | |
| 61 Tetrachloroethene | 166 | 9.129 | 9.133 | -0.004 | 93 | 443275 | 5.00 | 3.85 | |
| 67 2-Hexanone | 43 | 9.336 | 9.336 | 0.000 | 98 | 892483 | 5.00 | 4.40 | |
| 65 Chlorodibromomethane | 127 | 9.467 | 9.467 | 0.000 | 90 | 437088 | 5.00 | 4.43 | |
| 66 Ethylene Dibromide | 107 | 9.583 | 9.583 | 0.000 | 98 | 536773 | 5.00 | 4.39 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.973 | -0.004 | 90 | 2416018 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.995 | 9.995 | 0.000 | 91 | 773890 | 5.00 | 4.12 | |
| 70 Ethylbenzene | 91 | 10.059 | 10.059 | 0.000 | 99 | 1381258 | 5.00 | 4.16 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.074 | 10.074 | 0.000 | 94 | 400265 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 96 | 1094938 | 5.00 | 4.36 | |
| 73 o-Xylene | 91 | 10.486 | 10.486 | 0.000 | 99 | 1037918 | 5.00 | 3.90 | |
| 74 Styrene | 104 | 10.509 | 10.509 | 0.000 | 94 | 717863 | 5.00 | 3.90 | |
| 75 Bromoform | 173 | 10.678 | 10.678 | 0.000 | 93 | 468001 | 5.00 | 4.20 | |
| 76 Isopropylbenzene | 105 | 10.756 | 10.756 | 0.000 | 97 | 1359484 | 5.00 | 4.05 | |
| 78 Bromobenzene | 156 | 11.015 | 11.015 | 0.000 | 96 | 382158 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.037 | 11.037 | 0.000 | 93 | 778143 | 5.00 | 3.93 | M |
| 77 N-Propylbenzene | 120 | 11.052 | 11.052 | 0.000 | 99 | 348020 | 5.00 | 3.81 | |
| 83 1,2,3-Trichloropropane | 110 | 11.075 | 11.075 | 0.000 | 84 | 206939 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 80 4-Ethyltoluene | 105 | 11.135 | 11.135 | 0.000 | 98 | 1310422 | 5.00 | 4.09 | |
| 81 2-Chlorotoluene | 126 | 11.139 | 11.139 | 0.000 | 95 | 309495 | 5.00 | 3.85 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.180 | 11.180 | 0.000 | 95 | 1097000 | 5.00 | 3.88 | |
| 84 Alpha Methyl Styrene | 118 | 11.341 | 11.341 | 0.000 | 92 | 489496 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.397 | 11.394 | 0.003 | 93 | 1007931 | 5.00 | 4.03 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.439 | 11.439 | 0.001 | 98 | 1088580 | 5.00 | 3.82 | |
| 87 sec-Butylbenzene | 105 | 11.544 | 11.540 | 0.004 | 96 | 1577804 | 5.00 | 3.90 | |
| 88 4-Isopropyltoluene | 119 | 11.633 | 11.633 | 0.000 | 97 | 1292917 | 5.00 | 3.86 | |
| 89 1,3-Dichlorobenzene | 146 | 11.652 | 11.652 | 0.000 | 96 | 673428 | 5.00 | 3.95 | |
| 90 1,4-Dichlorobenzene | 146 | 11.716 | 11.712 | 0.004 | 92 | 683858 | 5.00 | 3.93 | |
| 92 Benzyl chloride | 126 | 11.810 | 11.810 | 0.000 | 99 | 199845 | 5.00 | 3.99 | |
| 91 n-Butylbenzene | 92 | 11.896 | 11.896 | 0.000 | 99 | 765582 | 5.00 | 4.12 | |
| 94 1,2-Dichlorobenzene | 146 | 11.956 | 11.956 | 0.000 | 94 | 651349 | 5.00 | 3.94 | |
| 93 Hexachloroethane | 117 | 12.083 | 12.083 | 0.000 | 94 | 431124 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.454 | 12.454 | 0.000 | 77 | 408625 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.983 | 12.983 | 0.000 | 94 | 657214 | 5.00 | 4.77 | |
| 96 Hexachlorobutadiene | 225 | 13.047 | 13.047 | 0.000 | 97 | 546569 | 5.00 | 5.19 | |
| 98 Naphthalene | 128 | 13.182 | 13.178 | 0.004 | 98 | 1666811 | 5.80 | 4.89 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 1011069 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 8.95 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 2132856 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| AIRLCS10.0_00564 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00519 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 05-Sep-2025 10:37:47 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X15.D

Injection Date: 30-Aug-2025 02:14:37 Instrument ID: HP26379

Lims ID: ICV

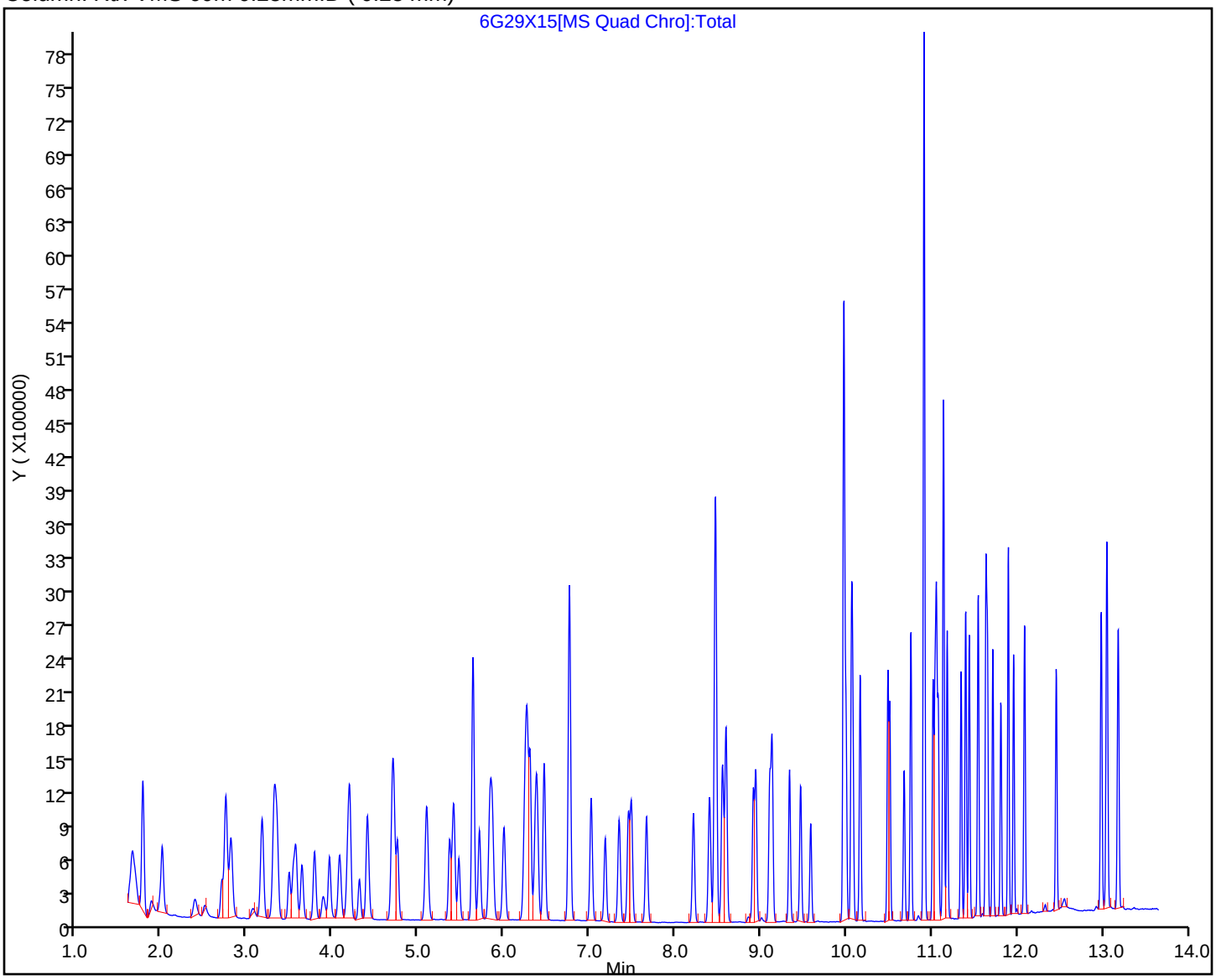
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

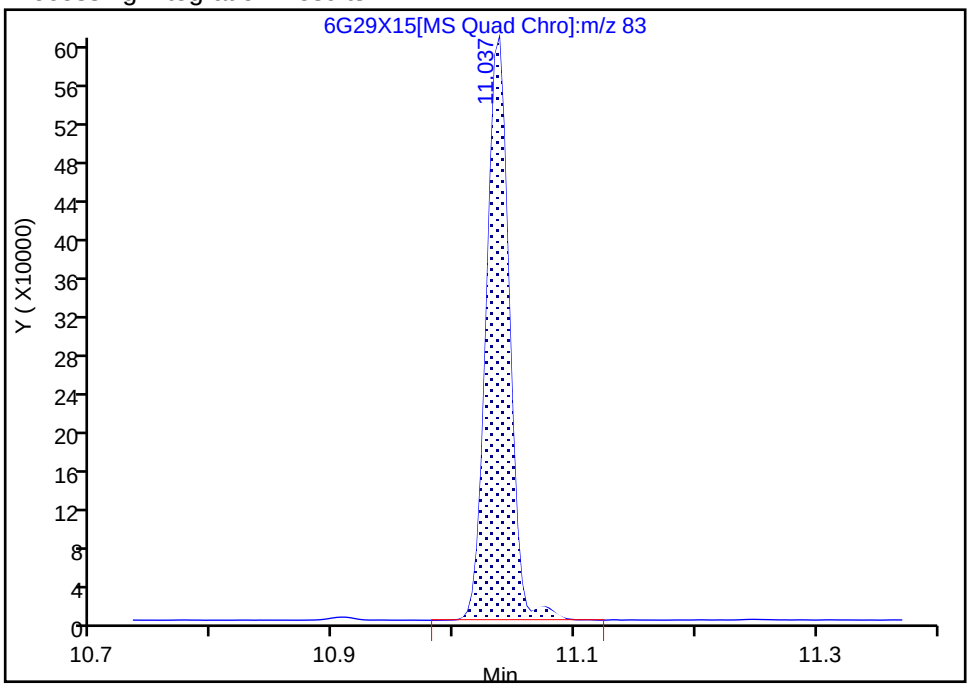
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X15.D | | | | |
| Injection Date: | 30-Aug-2025 02:14:37 | Instrument ID: | HP26379 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

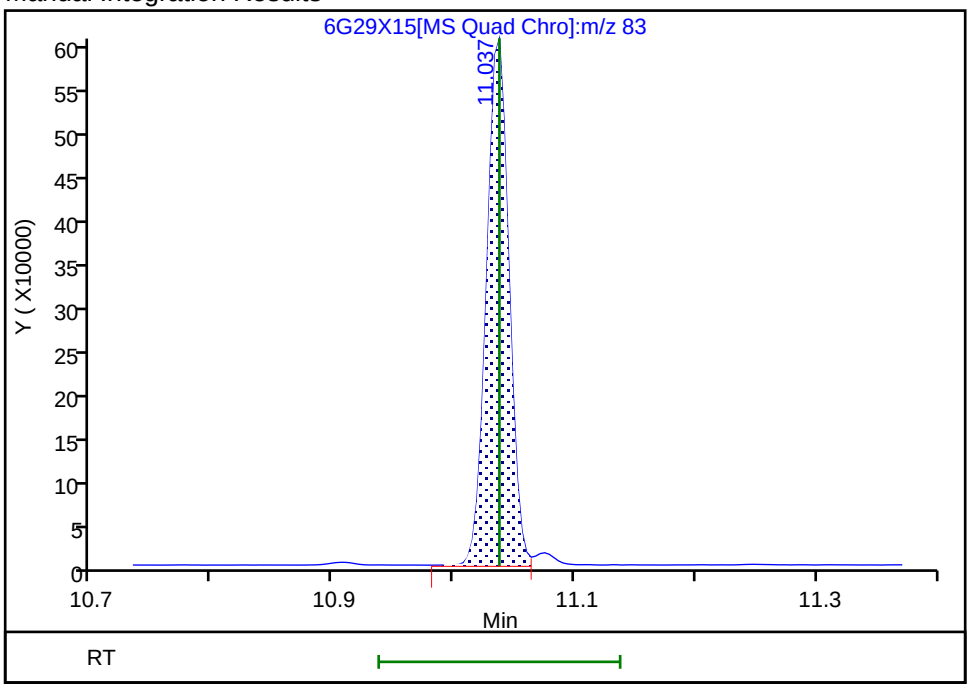
Processing Integration Results

RT: 11.04
Area: 795639
Amount: 4.022671
Amount Units: ppb v/v




Manual Integration Results

RT: 11.04
Area: 778143
Amount: 3.934213
Amount Units: ppb v/v




Reviewer: D7UM, 03-Sep-2025 14:16:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: CCVIS 410-705851/3  Calibration Date: 09/28/2025 19:57

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6S28X02X.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 2.748 | 2.623 | | 4.77 | 5.00 | -4.5 | 30.0 |
| Chlorodifluoromethane | Ave | 2.014 | 1.685 | | 4.18 | 5.00 | -16.3 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.086 | 2.739 | | 4.44 | 5.00 | -11.2 | 30.0 |
| Chloromethane | Qua | | 1.021 | | 4.27 | 5.00 | -14.6 | |
| n-Butane | Ave | 1.982 | 1.816 | | 4.58 | 5.00 | -8.3 | 30.0 |
| Vinyl chloride | Ave | 1.307 | 1.342 | | 5.13 | 5.00 | 2.7 | 30.0 |
| 1,3-Butadiene | Ave | 1.056 | 1.024 | | 4.85 | 5.00 | -3.1 | 30.0 |
| Bromomethane | Ave | 0.8037 | 0.8200 | | 5.10 | 5.00 | 2.0 | 30.0 |
| Chloroethane | Ave | 0.7051 | 0.5718 | | 4.05 | 5.00 | -18.9 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.049 | 0.9239 | | 4.40 | 5.00 | -11.9 | 30.0 |
| Trichlorofluoromethane | Ave | 2.749 | 2.413 | | 4.39 | 5.00 | -12.2 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 1.315 | 1.204 | | 4.58 | 5.00 | -8.5 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.906 | 1.576 | | 4.13 | 5.00 | -17.3 | 30.0 |
| Acetone | Ave | 2.374 | 1.718 | | 3.62 | 5.00 | -27.6 | 30.0 |
| Carbon disulfide | Ave | 3.735 | 2.813 | | 3.77 | 5.00 | -24.7 | 30.0 |
| Isopropyl alcohol | Ave | 3.153 | 1.946 | | 3.09 | 5.00 | -38.3* | 30.0 |
| 3-Chloropropene | Ave | 1.918 | 1.335 | | 3.48 | 5.00 | -30.4* | 30.0 |
| Methylene Chloride | Ave | 1.055 | 0.8385 | | 3.97 | 5.00 | -20.5 | 30.0 |
| tert-Butyl alcohol | Ave | 2.911 | 2.055 | | 4.02 | 5.70 | -29.4 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.722 | 2.826 | | 3.80 | 5.00 | -24.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.936 | 1.621 | | 4.19 | 5.00 | -16.3 | 30.0 |
| n-Hexane | Ave | 1.206 | 0.8664 | | 3.59 | 5.00 | -28.2 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.270 | 1.894 | | 4.17 | 5.00 | -16.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.765 | 1.409 | | 3.99 | 5.00 | -20.2 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.7203 | 0.5445 | | 3.78 | 5.00 | -24.4 | 30.0 |
| Tetrahydrofuran | Ave | 1.711 | 1.254 | | 3.67 | 5.00 | -26.7 | 30.0 |
| Chloroform | Ave | 2.391 | 2.061 | | 4.31 | 5.00 | -13.8 | 30.0 |
| Cyclohexane | Ave | 2.393 | 1.761 | | 3.68 | 5.00 | -26.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 2.434 | 2.033 | | 4.18 | 5.00 | -16.4 | 30.0 |
| Carbon tetrachloride | Ave | 2.203 | 1.855 | | 4.21 | 5.00 | -15.8 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.561 | 1.304 | | 4.18 | 5.00 | -16.5 | 30.0 |
| Benzene | Ave | 0.8962 | 0.7662 | | 4.27 | 5.00 | -14.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4253 | 0.3448 | | 4.05 | 5.00 | -18.9 | 30.0 |
| n-Heptane | Ave | 0.3516 | 0.2759 | | 3.92 | 5.00 | -21.5 | 30.0 |
| Trichloroethene | Ave | 0.3334 | 0.2860 | | 4.29 | 5.00 | -14.2 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4007 | 0.3015 | | 3.76 | 5.00 | -24.8 | 30.0 |
| Methyl methacrylate | Ave | 0.3732 | 0.2713 | | 3.63 | 5.00 | -27.3 | 30.0 |
| 1,4-Dioxane | Ave | 0.2188 | 0.1648 | | 3.77 | 5.00 | -24.7 | 30.0 |
| Bromodichloromethane | Ave | 0.6327 | 0.5177 | | 4.09 | 5.00 | -18.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: CCVIS 410-705851/3  Calibration Date: 09/28/2025 19:57

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6S28X02X.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | Ave | 0.5886 | 0.4672 | | 3.97 | 5.00 | -20.6 | 30.0 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.8859 | 0.6077 | | 3.43 | 5.00 | -31.4* | 30.0 |
| Toluene | Ave | 1.079 | 0.8989 | | 4.17 | 5.00 | -16.7 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4722 | 0.3644 | | 3.86 | 5.00 | -22.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3528 | 0.2930 | | 4.15 | 5.00 | -16.9 | 30.0 |
| Tetrachloroethene | Ave | 0.4762 | 0.3849 | | 4.04 | 5.00 | -19.2 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.8387 | 0.5787 | | 3.45 | 5.00 | -31.0* | 30.0 |
| Dibromochloromethane | Ave | 0.4083 | 0.3488 | | 4.27 | 5.00 | -14.6 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5064 | 0.4296 | | 4.24 | 5.00 | -15.2 | 30.0 |
| Chlorobenzene | Ave | 0.7777 | 0.6292 | | 4.05 | 5.00 | -19.1 | 30.0 |
| Ethylbenzene | Ave | 1.375 | 1.121 | | 4.08 | 5.00 | -18.5 | 30.0 |
| m,p-Xylene | Ave | 1.041 | 0.8433 | | 8.10 | 10.0 | -19.0 | 30.0 |
| o-Xylene | Ave | 1.100 | 3.701 | | 16.8 | 5.00 | 236.3* | 30.0 |
| Styrene | Ave | 0.7626 | 0.6326 | | 4.15 | 5.00 | -17.0 | 30.0 |
| Bromoform | Ave | 0.4615 | 0.3848 | | 4.17 | 5.00 | -16.6 | 30.0 |
| Cumene | Ave | 1.390 | 1.141 | | 4.11 | 5.00 | -17.9 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8187 | 0.6389 | | 3.90 | 5.00 | -22.0 | 30.0 |
| N-Propylbenzene | Ave | 0.3785 | 1.099 | | 14.5 | 5.00 | 190.4* | 30.0 |
| 4-Ethyltoluene | Ave | 1.327 | 1.084 | | 4.08 | 5.00 | -18.3 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3324 | 0.2602 | | 3.91 | 5.00 | -21.7 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.169 | 3.618 | | 15.5 | 5.00 | 209.4* | 30.0 |
| tert-Butylbenzene | Ave | 1.036 | 0.8555 | | 4.13 | 5.00 | -17.5 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.181 | 0.8985 | | 3.81 | 5.00 | -23.9 | 30.0 |
| sec-Butylbenzene | Ave | 1.674 | 1.331 | | 3.98 | 5.00 | -20.5 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.386 | 1.062 | | 3.83 | 5.00 | -23.4 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.7051 | 0.5531 | | 3.92 | 5.00 | -21.5 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7210 | 1.581 | | 11.0 | 5.00 | 119.3* | 30.0 |
| Benzyl chloride | Ave | 0.2071 | 0.1426 | | 3.44 | 5.00 | -31.1* | 30.0 |
| n-Butylbenzene | Ave | 0.7685 | 0.5634 | | 3.67 | 5.00 | -26.7 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6841 | 0.5091 | | 3.72 | 5.00 | -25.6 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5708 | 0.3869 | | 3.39 | 5.00 | -32.2* | 30.0 |
| Hexachlorobutadiene | Ave | 0.4356 | 0.3065 | | 3.52 | 5.00 | -29.6 | 30.0 |
| Naphthalene | Ave | 1.411 | 0.9447 | | 3.35 | 5.00 | -33.0* | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X02X.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Sep-2025 19:57:14 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0161263-003
Operator ID: al109694 Instrument ID: HP26379
Sublist: chrom-TO15LLMethods_HP26379*sub2

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:10:59 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

First Level Reviewer: JXC9 Date: 28-Sep-2025 20:42:42

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.625 | 1.625 | 0.000 | 97 | 199336 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.662 | 1.662 | 0.000 | 99 | 617239 | 5.00 | 4.77 | |
| 3 Chlorodifluoromethane | 51 | 1.696 | 1.696 | 0.000 | 97 | 396511 | 5.00 | 4.18 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.782 | 1.782 | 0.000 | 98 | 644461 | 5.00 | 4.44 | |
| 5 Chloromethane | 50 | 1.880 | 1.880 | 0.000 | 99 | 240319 | 5.00 | 4.27 | |
| 124 Butane | 43 | 1.947 | 1.947 | 0.000 | 100 | 427314 | 5.00 | 4.58 | |
| 6 Vinyl chloride | 62 | 1.992 | 1.992 | 0.000 | 98 | 315698 | 5.00 | 5.13 | |
| 7 Butadiene | 54 | 2.011 | 2.011 | 0.000 | 92 | 240887 | 5.00 | 4.85 | |
| 8 Bromomethane | 94 | 2.386 | 2.386 | 0.000 | 92 | 192936 | 5.00 | 5.10 | |
| 9 Chloroethane | 64 | 2.506 | 2.506 | 0.000 | 99 | 134524 | 5.00 | 4.05 | |
| 10 Vinyl bromide | 106 | 2.701 | 2.701 | 0.000 | 98 | 217378 | 5.00 | 4.40 | |
| 12 Trichlorofluoromethane | 101 | 2.746 | 2.746 | 0.000 | 98 | 567616 | 5.00 | 4.39 | |
| 13 Dichlorofluoromethane | 67 | 2.757 | 2.757 | 0.000 | 97 | 574857 | NC | NC | |
| 11 Pentane | 43 | 2.809 | 2.809 | 0.000 | 95 | 417926 | NC | NC | |
| 14 Ethanol | 45 | 3.072 | 3.072 | 0.000 | 99 | 87603 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.319 | 3.319 | 0.000 | 96 | 283204 | 5.00 | 4.58 | |
| 19 Acrolein | 56 | 3.319 | 3.319 | 0.000 | 99 | 108465 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.349 | 3.349 | 0.000 | 95 | 370729 | 5.00 | 4.13 | |
| 23 Acetone | 43 | 3.492 | 3.492 | 0.000 | 100 | 404322 | 5.00 | 3.62 | |
| 18 Iodomethane | 142 | 3.540 | 3.540 | 0.000 | 99 | 496433 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.570 | 3.570 | 0.000 | 99 | 661892 | 5.00 | 3.77 | |
| 20 Isopropyl alcohol | 45 | 3.642 | 3.642 | 0.000 | 98 | 457908 | 5.00 | 3.09 | |
| 21 3-Chloro-1-propene | 41 | 3.788 | 3.788 | 0.000 | 92 | 314086 | 5.00 | 3.48 | |
| 28 Acetonitrile | 41 | 3.889 | 3.889 | 0.000 | 99 | 225442 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.960 | 3.960 | 0.000 | 96 | 197279 | 5.00 | 3.97 | |
| 27 2-Methyl-2-propanol | 59 | 4.080 | 4.080 | 0.000 | 98 | 551171 | 5.70 | 4.02 | |
| 26 Methyl tert-butyl ether | 73 | 4.181 | 4.181 | 0.000 | 97 | 664831 | 5.00 | 3.80 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.200 | 4.200 | 0.000 | 94 | 381434 | 5.00 | 4.19 | |
| 31 Acrylonitrile | 53 | 4.313 | 4.313 | 0.000 | 98 | 206981 | NC | NC | |
| 25 Hexane | 56 | 4.402 | 4.402 | 0.000 | 93 | 203855 | 5.00 | 3.59 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 4.699 | 4.699 | 0.000 | 97 | 864174 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.714 | 4.714 | 0.000 | 96 | 445642 | 5.00 | 4.17 | |
| 33 Vinyl acetate | 86 | 4.755 | 4.755 | 0.000 | 97 | 65261 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 5.096 | 5.096 | 0.000 | 99 | 810064 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.362 | 5.362 | 0.000 | 84 | 331429 | 5.00 | 3.99 | |
| 43 2-Butanone (MEK) | 72 | 5.400 | 5.400 | 0.000 | 100 | 128119 | 5.00 | 3.78 | |
| 38 Ethyl acetate | 70 | 5.415 | 5.415 | 0.000 | 99 | 67005 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.471 | 5.471 | 0.000 | 98 | 468613 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.636 | 0.000 | 96 | 470559 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 5.636 | 5.636 | 0.000 | 89 | 295058 | 5.00 | 3.67 | |
| 37 Chloroform | 83 | 5.711 | 5.711 | 0.000 | 94 | 484962 | 5.00 | 4.31 | |
| 36 Cyclohexane | 56 | 5.834 | 5.834 | 0.000 | 94 | 414329 | 5.00 | 3.68 | |
| 42 1,1,1-Trichloroethane | 97 | 5.861 | 5.861 | 0.000 | 98 | 478416 | 5.00 | 4.18 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 97 | 436513 | 5.00 | 4.21 | |
| 44 Isooctane | 57 | 6.247 | 6.247 | 0.000 | 97 | 1284979 | 5.00 | 4.18 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 93 | 755114 | 5.00 | 4.27 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.303 | 0.000 | 0 | 776996 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.371 | 6.371 | 0.000 | 98 | 736004 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.389 | 0.000 | 97 | 339780 | 5.00 | 4.05 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 94 | 271863 | 5.00 | 3.92 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 96 | 1970973 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.015 | 7.015 | 0.000 | 96 | 281879 | 5.00 | 4.29 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.180 | 0.000 | 99 | 542410 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.341 | 7.341 | 0.000 | 96 | 297111 | 5.00 | 3.76 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.450 | 0.000 | 91 | 267322 | 5.00 | 3.63 | |
| 56 1,4-Dioxane | 88 | 7.473 | 7.473 | 0.000 | 98 | 162382 | 5.00 | 3.77 | |
| 51 Dibromomethane | 174 | 7.488 | 7.488 | 0.000 | 92 | 253269 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.660 | 7.660 | 0.000 | 98 | 510212 | 5.00 | 4.09 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.211 | 0.000 | 95 | 460386 | 5.00 | 3.97 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.395 | 8.395 | 0.000 | 97 | 598849 | 5.00 | 3.43 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.466 | 8.466 | 0.000 | 95 | 2296370 | NC | NC | |
| 59 Toluene | 91 | 8.548 | 8.548 | 0.000 | 99 | 890221 | 5.00 | 4.17 | |
| 58 n-Octane | 43 | 8.590 | 8.590 | 0.000 | 86 | 657583 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.908 | 8.908 | 0.000 | 96 | 360866 | 5.00 | 3.86 | |
| 63 Ethyl methacrylate | 69 | 8.938 | 8.938 | 0.000 | 90 | 443737 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.100 | 9.100 | 0.000 | 92 | 290201 | 5.00 | 4.15 | |
| 61 Tetrachloroethene | 166 | 9.130 | 9.130 | 0.000 | 94 | 381223 | 5.00 | 4.04 | |
| 67 2-Hexanone | 43 | 9.332 | 9.332 | 0.000 | 97 | 573149 | 5.00 | 3.45 | |
| 65 Chlorodibromomethane | 127 | 9.463 | 9.463 | 0.000 | 90 | 345485 | 5.00 | 4.27 | |
| 66 Ethylene Dibromide | 107 | 9.579 | 9.579 | 0.000 | 99 | 425496 | 5.00 | 4.24 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.965 | 9.965 | 0.000 | 89 | 1980715 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.992 | 9.992 | 0.000 | 92 | 623154 | 5.00 | 4.05 | |
| 70 Ethylbenzene | 91 | 10.055 | 10.055 | 0.000 | 99 | 1110226 | 5.00 | 4.08 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.070 | 10.070 | 0.000 | 95 | 332468 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.157 | 10.157 | 0.000 | 96 | 1670272 | 10.0 | 8.10 | |
| 73 o-Xylene | 91 | 10.457 | 10.457 | 0.000 | 83 | 3665019 | 5.00 | 16.8 | |
| 74 Styrene | 104 | 10.502 | 10.502 | 0.000 | 92 | 626532 | 5.00 | 4.15 | |
| 75 Bromoform | 173 | 10.670 | 10.670 | 0.000 | 93 | 381118 | 5.00 | 4.17 | |
| 76 Isopropylbenzene | 105 | 10.749 | 10.749 | 0.000 | 97 | 1130429 | 5.00 | 4.11 | |
| 78 Bromobenzene | 156 | 11.008 | 11.008 | 0.000 | 95 | 329352 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.030 | 11.030 | 0.000 | 94 | 632770 | 5.00 | 3.90 | M |
| 77 N-Propylbenzene | 120 | 11.041 | 11.041 | 0.000 | 98 | 1088484 | 5.00 | 14.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,2,3-Trichloropropane | 110 | 11.071 | 11.071 | 0.000 | 87 | 167108 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.131 | 11.131 | 0.000 | 98 | 1073519 | 5.00 | 4.08 | |
| 81 2-Chlorotoluene | 126 | 11.135 | 11.135 | 0.000 | 94 | 257693 | 5.00 | 3.91 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.184 | 11.184 | 0.000 | 94 | 3583164 | 5.00 | 15.5 | |
| 84 Alpha Methyl Styrene | 118 | 11.337 | 11.337 | 0.000 | 92 | 531339 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.390 | 11.390 | 0.000 | 93 | 847287 | 5.00 | 4.13 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.431 | 11.431 | 0.000 | 98 | 889863 | 5.00 | 3.81 | |
| 87 sec-Butylbenzene | 105 | 11.536 | 11.536 | 0.000 | 94 | 1318629 | 5.00 | 3.98 | |
| 88 4-Isopropyltoluene | 119 | 11.630 | 11.630 | 0.000 | 98 | 1051745 | 5.00 | 3.83 | |
| 89 1,3-Dichlorobenzene | 146 | 11.645 | 11.645 | 0.000 | 97 | 547793 | 5.00 | 3.92 | |
| 90 1,4-Dichlorobenzene | 146 | 11.690 | 11.690 | 0.000 | 93 | 1565938 | 5.00 | 11.0 | |
| 92 Benzyl chloride | 126 | 11.802 | 11.802 | 0.000 | 99 | 141213 | 5.00 | 3.44 | |
| 91 n-Butylbenzene | 92 | 11.889 | 11.889 | 0.000 | 99 | 557944 | 5.00 | 3.67 | |
| 94 1,2-Dichlorobenzene | 146 | 11.952 | 11.952 | 0.000 | 95 | 504151 | 5.00 | 3.72 | |
| 93 Hexachloroethane | 117 | 12.080 | 12.080 | 0.000 | 94 | 256364 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.451 | 12.451 | 0.000 | 79 | 247138 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.976 | 12.976 | 0.000 | 94 | 383168 | 5.00 | 3.39 | |
| 96 Hexachlorobutadiene | 225 | 13.043 | 13.043 | 0.000 | 97 | 303565 | 5.00 | 3.52 | |
| 98 Naphthalene | 128 | 13.174 | 13.174 | 0.000 | 97 | 935577 | 5.00 | 3.35 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 712863 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 7.83 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 5335291 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00625 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00531 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 29-Sep-2025 13:11:00 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X02X.D

Injection Date: 28-Sep-2025 19:57:14 Instrument ID: HP26379

Lims ID: CCVIS

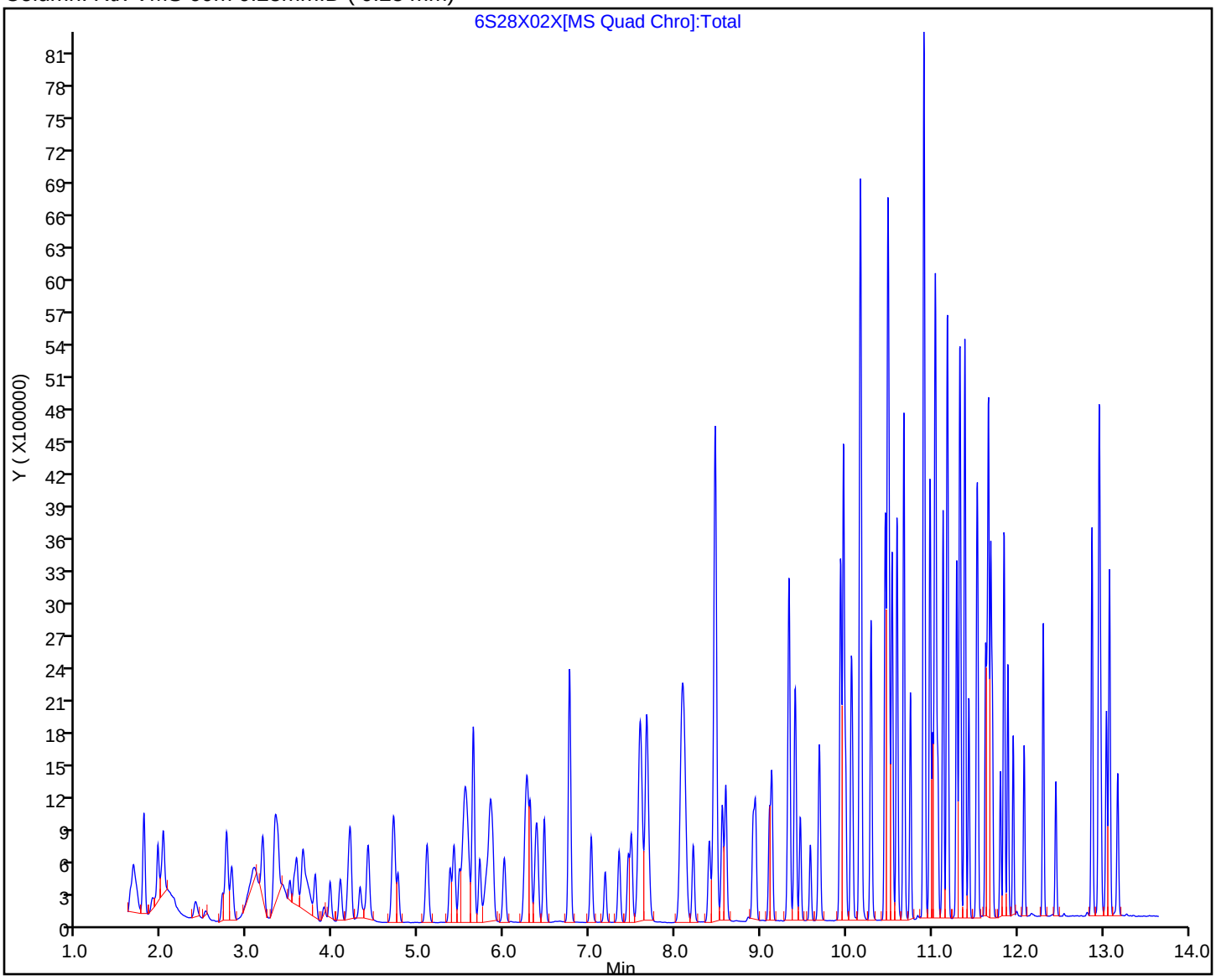
Client ID:

Operator ID: al109694 ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

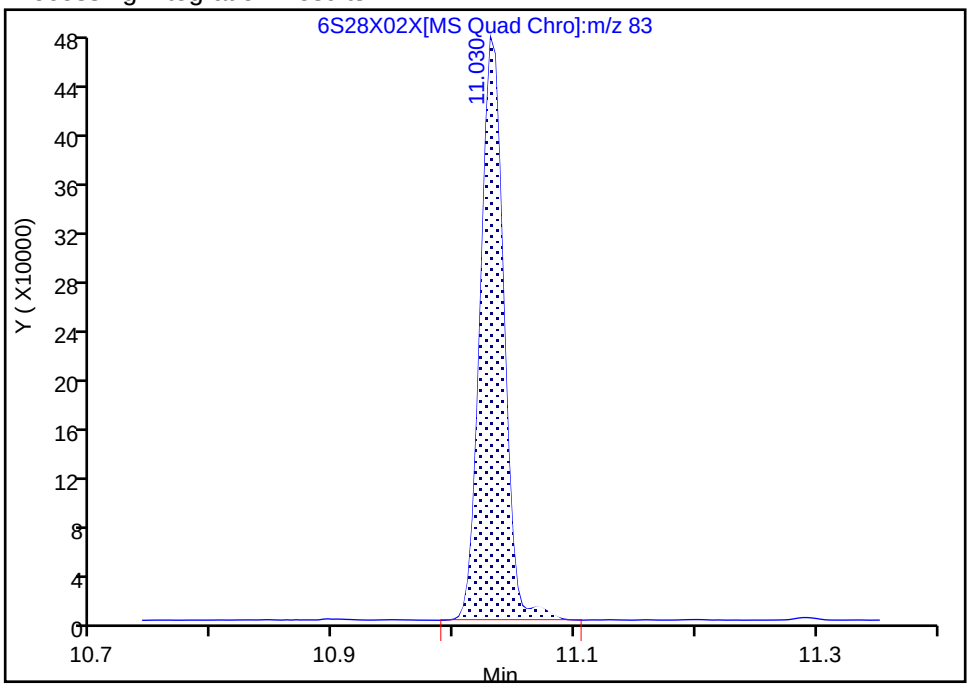
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X02X.D | | | | |
| Injection Date: | 28-Sep-2025 19:57:14 | Instrument ID: | HP26379 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

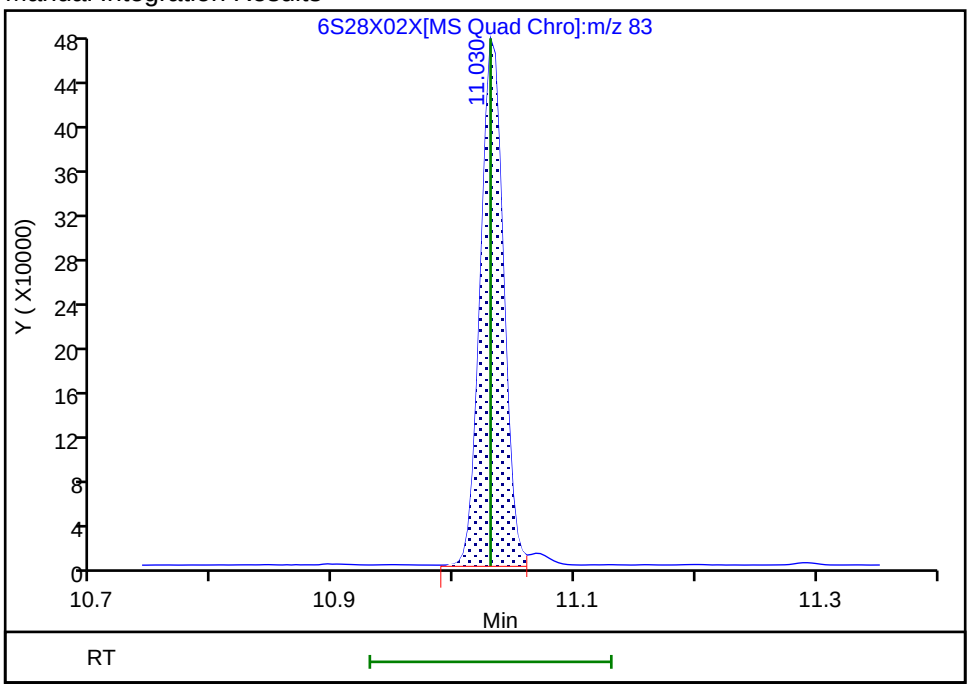
Processing Integration Results

RT: 11.03
Area: 646175
Amount: 3.984986
Amount Units: ppb v/v




Manual Integration Results

RT: 11.03
Area: 632770
Amount: 3.902317
Amount Units: ppb v/v




Reviewer: D7UM, 29-Sep-2025 13:06:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: ICV 410-695447/17  Calibration Date: 09/08/2025 05:37

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X17.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 2.285 | 2.281 | | 4.99 | 5.00 | -0.2 | 30.0 |
| Chlorodifluoromethane | Ave | 1.293 | 1.460 | | 5.64 | 5.00 | 12.9 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 2.032 | 2.270 | | 5.58 | 5.00 | 11.7 | 30.0 |
| Chloromethane | Ave | 0.8181 | 0.8654 | | 5.29 | 5.00 | 5.8 | 30.0 |
| Vinyl chloride | Ave | 0.8328 | 0.9261 | | 5.56 | 5.00 | 11.2 | 30.0 |
| 1,3-Butadiene | Ave | 0.6457 | 0.6395 | | 4.95 | 5.00 | -1.0 | 30.0 |
| Bromomethane | Ave | 0.6204 | 0.6610 | | 5.33 | 5.00 | 6.5 | 30.0 |
| Chloroethane | Ave | 0.5030 | 0.4970 | | 4.94 | 5.00 | -1.2 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 0.8069 | 0.7684 | | 4.76 | 5.00 | -4.8 | 30.0 |
| Trichlorofluoromethane | Ave | 2.081 | 2.148 | | 5.16 | 5.00 | 3.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.408 | 1.519 | | 5.39 | 5.00 | 7.9 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 1.038 | 1.122 | | 5.40 | 5.00 | 8.1 | 30.0 |
| Acetone | Ave | 1.486 | 1.487 | | 5.00 | 5.00 | 0.0 | 30.0 |
| Isopropyl alcohol | Ave | 1.100 | 0.9882 | | 4.49 | 5.00 | -10.1 | 30.0 |
| Carbon disulfide | Ave | 2.979 | 2.615 | | 4.39 | 5.00 | -12.2 | 30.0 |
| 3-Chloropropene | Ave | 1.371 | 1.306 | | 4.76 | 5.00 | -4.8 | 30.0 |
| Methylene Chloride | Ave | 0.7881 | 0.8297 | | 5.26 | 5.00 | 5.3 | 30.0 |
| tert-Butyl alcohol | Ave | 0.9122 | 1.067 | | 6.49 | 5.55 | 17.0 | 30.0 |
| Methyl tert-butyl ether | Ave | 2.156 | 2.273 | | 5.27 | 5.00 | 5.5 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.497 | 1.400 | | 4.68 | 5.00 | -6.5 | 30.0 |
| n-Hexane | Ave | 0.7723 | 0.7299 | | 4.73 | 5.00 | -5.5 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.825 | 1.772 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.4225 | 0.4506 | | 5.33 | 5.00 | 6.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.699 | 1.647 | | 4.85 | 5.00 | -3.0 | 30.0 |
| Tetrahydrofuran | Ave | 1.223 | 1.174 | | 4.80 | 5.00 | -4.0 | 30.0 |
| Chloroform | Ave | 2.046 | 1.979 | | 4.83 | 5.00 | -3.3 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.805 | 1.792 | | 4.96 | 5.00 | -0.7 | 30.0 |
| Cyclohexane | Ave | 1.427 | 1.435 | | 5.03 | 5.00 | 0.5 | 30.0 |
| Carbon tetrachloride | Ave | 1.671 | 1.768 | | 5.29 | 5.00 | 5.8 | 30.0 |
| Benzene | Ave | 0.8084 | 0.7555 | | 4.67 | 5.00 | -6.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3728 | 0.3609 | | 4.84 | 5.00 | -3.2 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.237 | 1.232 | | 4.98 | 5.00 | -0.4 | 30.0 |
| n-Heptane | Ave | 0.2445 | 0.2476 | | 5.06 | 5.00 | 1.3 | 30.0 |
| Trichloroethene | Ave | 0.3218 | 0.2959 | | 4.60 | 5.00 | -8.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3365 | 0.3142 | | 4.67 | 5.00 | -6.6 | 30.0 |
| Methyl methacrylate | Ave | 0.2554 | 0.2609 | | 5.11 | 5.00 | 2.2 | 30.0 |
| 1,4-Dioxane | Ave | 0.1093 | 0.1266 | | 5.80 | 5.00 | 15.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5892 | 0.5391 | | 4.57 | 5.00 | -8.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4734 | 0.4439 | | 4.69 | 5.00 | -6.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: ICV 410-695447/17  Calibration Date: 09/08/2025 05:37

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X17.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.6227 | 0.6613 | | 5.31 | 5.00 | 6.2 | 30.0 |
| Toluene | Ave | 1.030 | 0.9654 | | 4.69 | 5.00 | -6.2 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4129 | 0.4211 | | 5.10 | 5.00 | 2.0 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3457 | 0.3345 | | 4.84 | 5.00 | -3.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4436 | 0.4054 | | 4.57 | 5.00 | -8.6 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.6271 | 0.6961 | | 5.55 | 5.00 | 11.0 | 30.0 |
| Dibromochloromethane | Ave | 0.4442 | 0.4315 | | 4.86 | 5.00 | -2.9 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5186 | 0.4995 | | 4.82 | 5.00 | -3.7 | 30.0 |
| Chlorobenzene | Ave | 0.7797 | 0.7054 | | 4.52 | 5.00 | -9.5 | 30.0 |
| Ethylbenzene | Ave | 1.243 | 1.187 | | 4.77 | 5.00 | -4.5 | 30.0 |
| m,p-Xylene | Ave | 0.9225 | 0.9293 | | 5.04 | 5.00 | 0.7 | 30.0 |
| o-Xylene | Ave | 0.9170 | 0.8923 | | 4.87 | 5.00 | -2.7 | 30.0 |
| Styrene | Ave | 0.6662 | 0.6438 | | 4.83 | 5.00 | -3.4 | 30.0 |
| Bromoform | Ave | 0.4811 | 0.4803 | | 4.99 | 5.00 | -0.2 | 30.0 |
| Cumene | Ave | 1.148 | 1.174 | | 5.11 | 5.00 | 2.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7883 | 0.7279 | | 4.62 | 5.00 | -7.7 | 30.0 |
| n-Propylbenzene | Ave | 0.3117 | 0.3098 | | 4.97 | 5.00 | -0.6 | 30.0 |
| 4-Ethyltoluene | Ave | 1.147 | 1.212 | | 5.28 | 5.00 | 5.6 | 30.0 |
| 2-Chlorotoluene | Ave | 0.2976 | 0.2896 | | 4.87 | 5.00 | -2.7 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9184 | 0.9274 | | 5.05 | 5.00 | 1.0 | 30.0 |
| tert-Butylbenzene | Ave | 0.9150 | 0.9047 | | 4.94 | 5.00 | -1.1 | 42.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9706 | 0.9493 | | 4.89 | 5.00 | -2.2 | 30.0 |
| sec-Butylbenzene | Ave | 1.392 | 1.393 | | 5.00 | 5.00 | 0.0 | 41.0 |
| 4-Isopropyltoluene | Ave | 1.105 | 1.066 | | 4.83 | 5.00 | -3.5 | 48.0 |
| 1,3-Dichlorobenzene | Ave | 0.6435 | 0.6162 | | 4.79 | 5.00 | -4.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.6474 | 0.6024 | | 4.65 | 5.00 | -7.0 | 30.0 |
| Benzyl chloride | Ave | 0.1519 | 0.1414 | | 4.65 | 5.00 | -6.9 | 30.0 |
| n-Butylbenzene | Ave | 0.5964 | 0.5842 | | 4.90 | 5.00 | -2.0 | 48.0 |
| 1,2-Dichlorobenzene | Ave | 0.5956 | 0.5692 | | 4.78 | 5.00 | -4.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.4020 | 0.4163 | | 5.18 | 5.00 | 3.6 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3620 | 0.3374 | | 4.66 | 5.00 | -6.8 | 30.0 |
| Naphthalene | Ave | 0.9549 | 0.8916 | | 5.42 | 5.80 | -6.6 | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Sep-2025 05:37:47 ALS Bottle#: 4 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 410-0158855-017
Operator ID: AL109694 Instrument ID: HP8R004
Sublist:

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 09:16:41 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.312 | 3.304 | 0.008 | 98 | 125805 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 402296 | 5.00 | 4.99 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 257464 | 5.00 | 5.64 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.641 | 0.007 | 98 | 400362 | 5.00 | 5.58 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 152661 | 5.00 | 5.29 | |
| 6 Vinyl chloride | 62 | 4.014 | 4.013 | 0.001 | 84 | 163356 | 5.00 | 5.56 | |
| 7 Butadiene | 54 | 4.092 | 4.092 | 0.000 | 94 | 112805 | 5.00 | 4.95 | |
| 8 Bromomethane | 94 | 4.701 | 4.694 | 0.007 | 88 | 116592 | 5.00 | 5.33 | |
| 9 Chloroethane | 64 | 4.916 | 4.909 | 0.007 | 94 | 87670 | 5.00 | 4.94 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 97 | 135551 | 5.00 | 4.76 | |
| 13 Dichlorofluoromethane | 67 | 5.332 | 5.331 | 0.001 | 82 | 375946 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.403 | 0.007 | 87 | 378913 | 5.00 | 5.16 | |
| 11 Pentane | 43 | 5.582 | 5.582 | 0.000 | 96 | 290279 | NC | NC | |
| 14 Ethanol | 45 | 5.654 | 5.661 | -0.007 | 55 | 45574 | NC | NC | M |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 93 | 65692 | NC | NC | M |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 267952 | 5.00 | 5.39 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.370 | 6.375 | 0.000 | 89 | 197853 | 5.00 | 5.40 | |
| 23 Acetone | 43 | 6.377 | 6.377 | 0.000 | 98 | 262297 | 5.00 | 5.00 | |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 87 | 174322 | 5.00 | 4.49 | |
| 18 Iodomethane | 142 | 6.607 | 6.606 | 0.001 | 98 | 300650 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 461229 | 5.00 | 4.39 | |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 98 | 153616 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.972 | 0.007 | 90 | 230306 | 5.00 | 4.76 | |
| 22 Methylene Chloride | 84 | 7.187 | 7.187 | 0.000 | 94 | 146358 | 5.00 | 5.26 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.287 | 0.007 | 97 | 208911 | 5.55 | 6.49 | |
| 31 Acrylonitrile | 53 | 7.531 | 7.531 | 0.000 | 96 | 137483 | NC | NC | M |
| 26 Methyl tert-butyl ether | 73 | 7.631 | 7.631 | 0.000 | 91 | 401028 | 5.00 | 5.27 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.660 | 7.659 | 0.001 | 91 | 246936 | 5.00 | 4.68 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 94 | 128754 | 5.00 | 4.73 | |
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 34253 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.347 | 0.007 | 85 | 312640 | 5.00 | 4.86 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 8.390 | 8.390 | 0.000 | 95 | 592065 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.963 | 0.000 | 91 | 484298 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 79480 | 5.00 | 5.33 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.235 | 0.008 | 66 | 290577 | 5.00 | 4.85 | |
| 38 Ethyl acetate | 70 | 9.243 | 9.243 | 0.001 | 87 | 38853 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.329 | 9.321 | 0.008 | 90 | 299621 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 90 | 352798 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.637 | 9.636 | 0.001 | 89 | 207165 | 5.00 | 4.80 | |
| 37 Chloroform | 83 | 9.751 | 9.751 | 0.000 | 69 | 349064 | 5.00 | 4.83 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.045 | 0.007 | 58 | 316101 | 5.00 | 4.96 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 94 | 253119 | 5.00 | 5.03 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.303 | 0.000 | 69 | 311812 | 5.00 | 5.29 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.532 | 0.000 | 0 | 560002 | NC | NC | |
| 46 Benzene | 78 | 10.597 | 10.589 | 0.008 | 93 | 508957 | 5.00 | 4.67 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.654 | 0.000 | 91 | 243109 | 5.00 | 4.84 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 72 | 427542 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.775 | 0.001 | 92 | 829898 | 5.00 | 4.98 | |
| 45 n-Heptane | 71 | 11.026 | 11.019 | 0.007 | 96 | 166792 | 5.00 | 5.06 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.212 | 0.008 | 96 | 1347261 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 199345 | 5.00 | 4.60 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 98 | 388892 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 77 | 211673 | 5.00 | 4.67 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 91 | 175731 | 5.00 | 5.11 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 95 | 85314 | 5.00 | 5.80 | |
| 51 Dibromomethane | 174 | 12.044 | 12.043 | 0.001 | 80 | 173367 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 363163 | 5.00 | 4.57 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 90 | 299016 | 5.00 | 4.69 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 445501 | 5.00 | 5.31 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.054 | 13.053 | 0.001 | 92 | 1453229 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.125 | 0.007 | 96 | 592920 | 5.00 | 4.69 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 446106 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 90 | 258614 | 5.00 | 5.10 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 91 | 300401 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 205469 | 5.00 | 4.84 | |
| 61 Tetrachloroethene | 166 | 13.670 | 13.662 | 0.008 | 93 | 248981 | 5.00 | 4.57 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 99 | 427550 | 5.00 | 5.55 | |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 89 | 265019 | 5.00 | 4.86 | |
| 66 Ethylene Dibromide | 107 | 14.064 | 14.063 | 0.001 | 97 | 306809 | 5.00 | 4.82 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1228404 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 91 | 433275 | 5.00 | 4.52 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 728881 | 5.00 | 4.77 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 46 | 227305 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 570773 | 5.00 | 5.04 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 93 | 548070 | 5.00 | 4.87 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 395399 | 5.00 | 4.83 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 93 | 294992 | 5.00 | 4.99 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 97 | 721133 | 5.00 | 5.11 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 59 | 447097 | 5.00 | 4.62 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 58 | 110441 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.539 | 0.007 | 86 | 222645 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 98 | 190305 | 5.00 | 4.97 | |
| 80 4-Ethyltoluene | 105 | 15.661 | 15.661 | 0.000 | 86 | 744228 | 5.00 | 5.28 | M |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 90 | 177872 | 5.00 | 4.87 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.696 | 0.001 | 66 | 569587 | 5.00 | 5.05 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 91 | 265705 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.940 | 15.940 | 0.000 | 78 | 555658 | 5.00 | 4.94 | M |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 97 | 583058 | 5.00 | 4.89 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 95 | 855347 | 5.00 | 5.00 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 97 | 654902 | 5.00 | 4.83 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 96 | 378448 | 5.00 | 4.79 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.298 | 0.000 | 90 | 369990 | 5.00 | 4.65 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 84 | 86843 | 5.00 | 4.65 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 358799 | 5.00 | 4.90 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 95 | 349610 | 5.00 | 4.78 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 92 | 216926 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 76 | 173324 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 94 | 255690 | 5.00 | 5.18 | |
| 96 Hexachlorobutadiene | 225 | 17.975 | 17.974 | 0.001 | 86 | 207203 | 5.00 | 4.66 | |
| 98 Naphthalene | 128 | 18.154 | 18.153 | 0.001 | 98 | 635230 | 5.80 | 5.42 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 537513 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.79 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1118843 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRLCS10.0_00567 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00521 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 11-Sep-2025 09:16:42 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D

Injection Date: 08-Sep-2025 05:37:47 Instrument ID: HP8R004

Lims ID: ICV

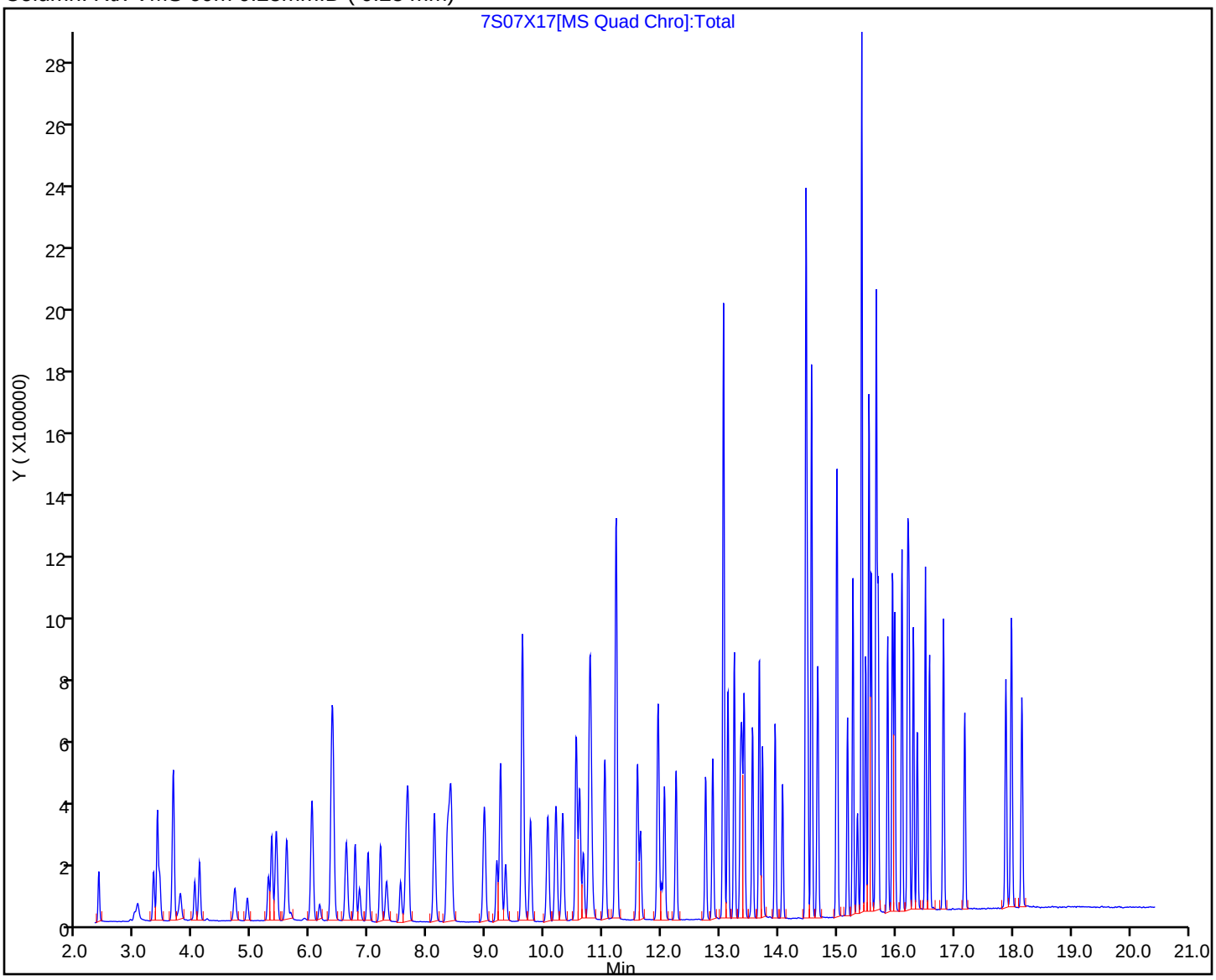
Client ID:

Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 17

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

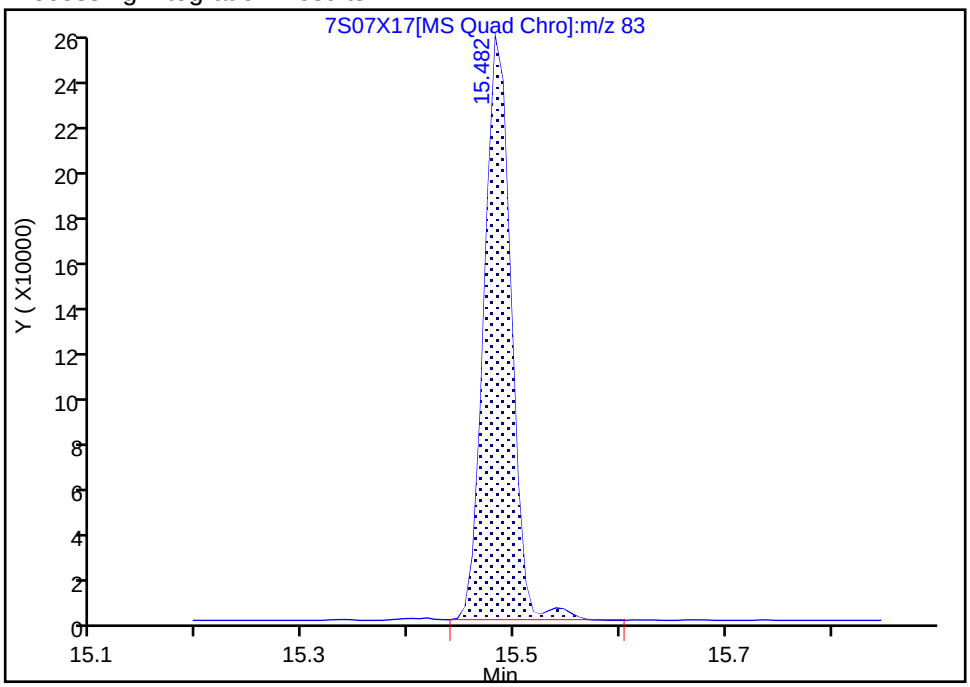
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D | | | | |
| Injection Date: | 08-Sep-2025 05:37:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 4 | Worklist Smp#: | 17 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

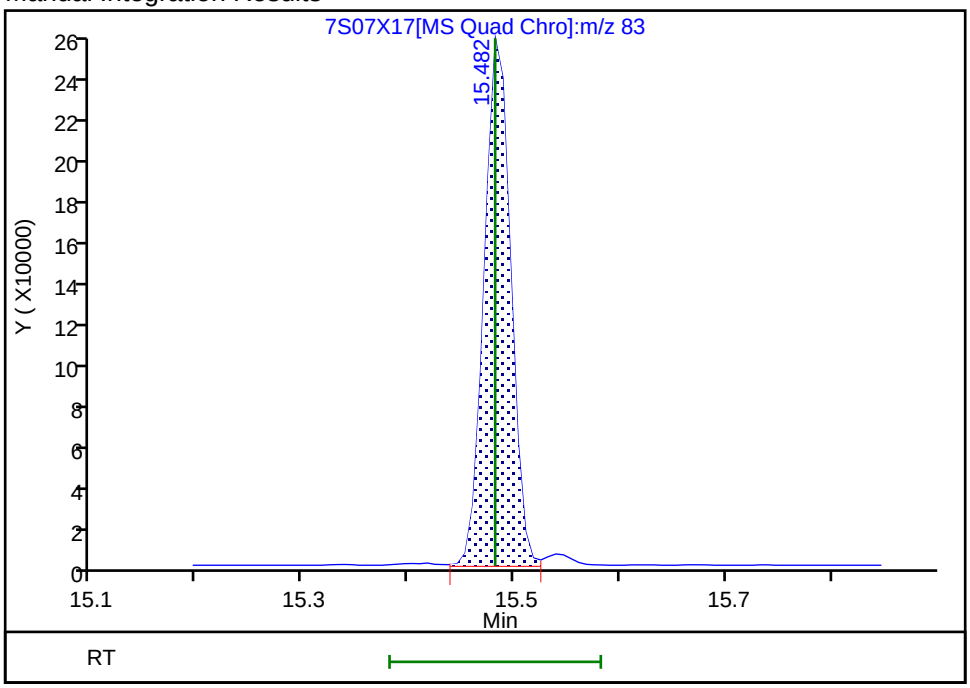
Processing Integration Results

RT: 15.48
Area: 456327
Amount: 4.712405
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 447097
Amount: 4.617089
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:15:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

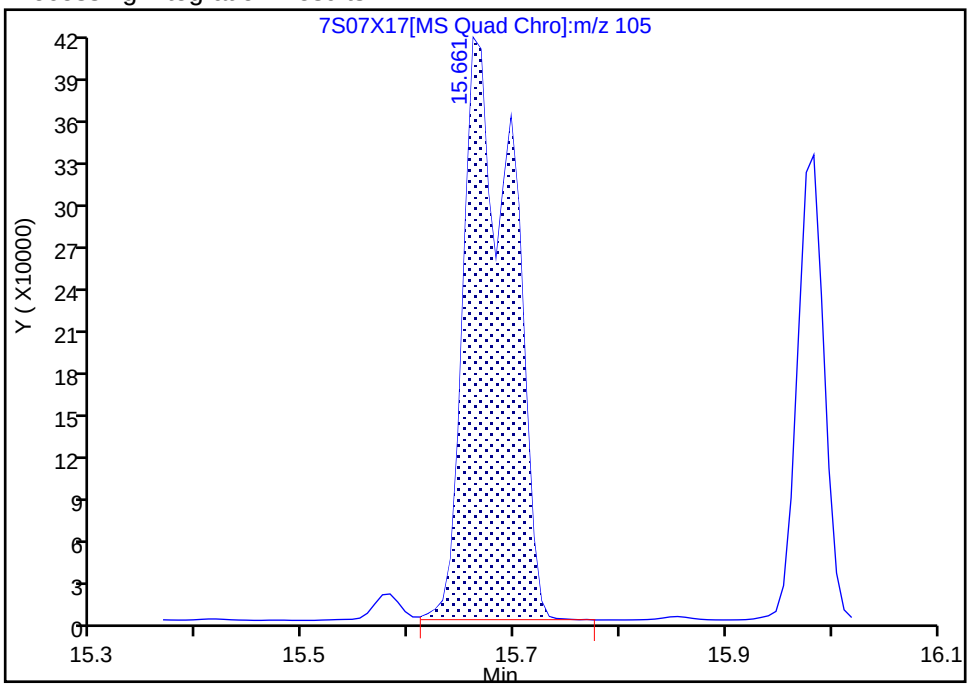
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D | | | | |
| Injection Date: | 08-Sep-2025 05:37:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 4 | Worklist Smp#: | 17 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

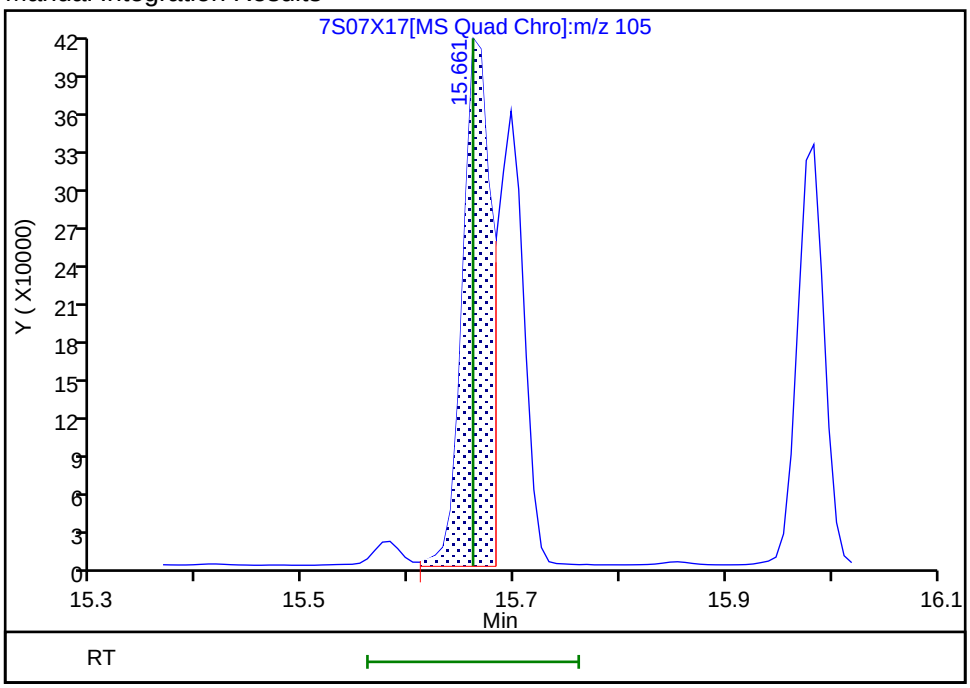
Processing Integration Results

RT: 15.66
Area: 1313815
Amount: 8.724217
Amount Units: ppb v/v




Manual Integration Results

RT: 15.66
Area: 744228
Amount: 5.280871
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:45:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

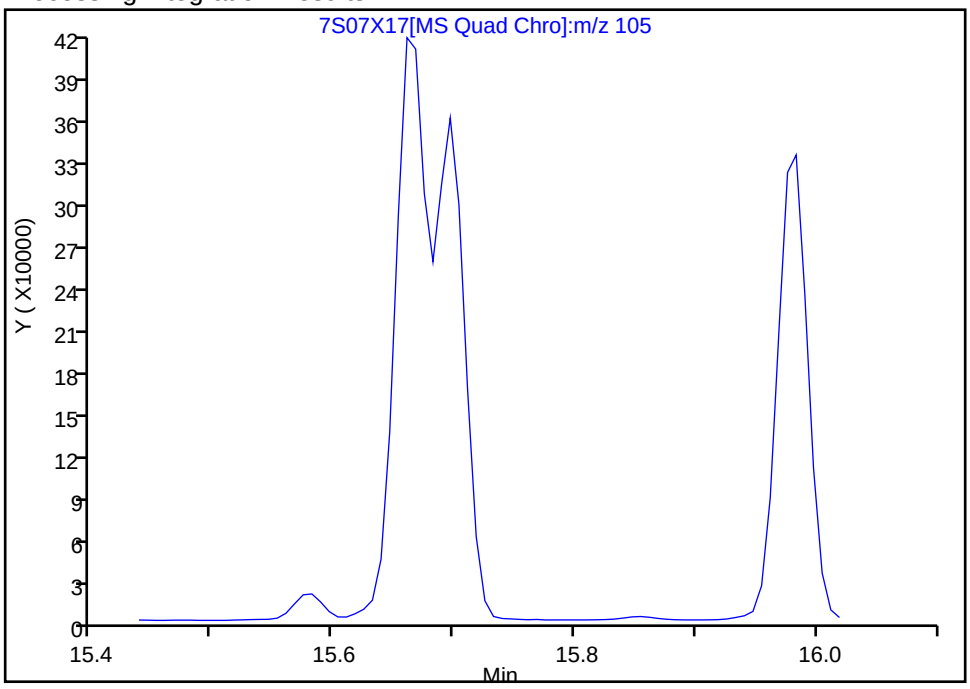
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D | | | | |
| Injection Date: | 08-Sep-2025 05:37:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 4 | Worklist Smp#: | 17 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

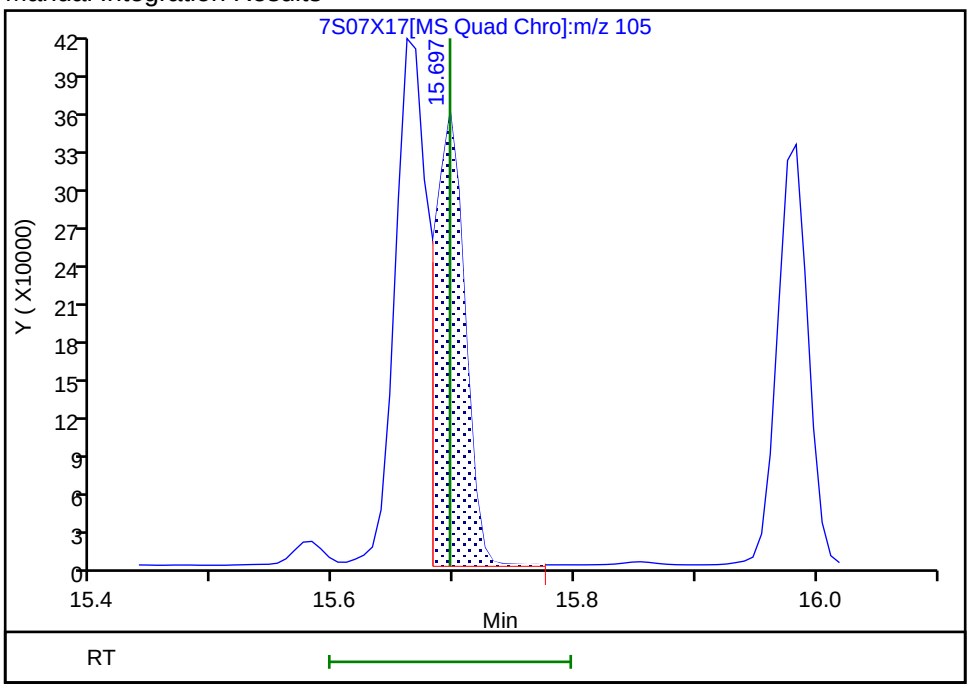
Processing Integration Results

Not Detected
Expected RT: 15.70




Manual Integration Results

RT: 15.70
Area: 569587
Amount: 5.048660
Amount Units: ppb v/v




Reviewer: JXC9, 09-Sep-2025 19:46:10 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

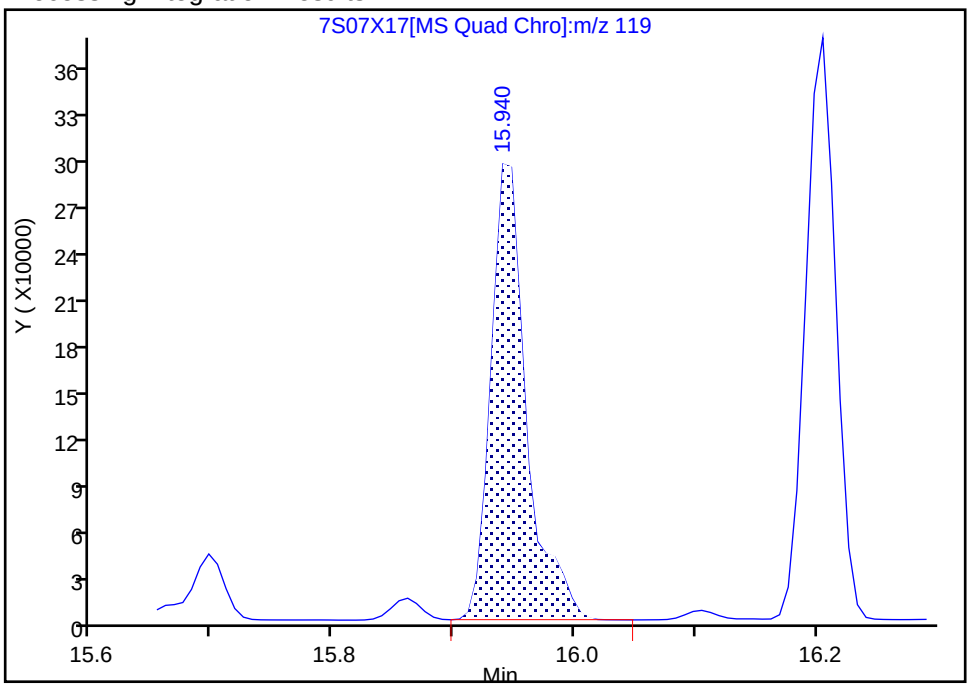
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D | | | | |
| Injection Date: | 08-Sep-2025 05:37:47 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 4 | Worklist Smp#: | 17 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

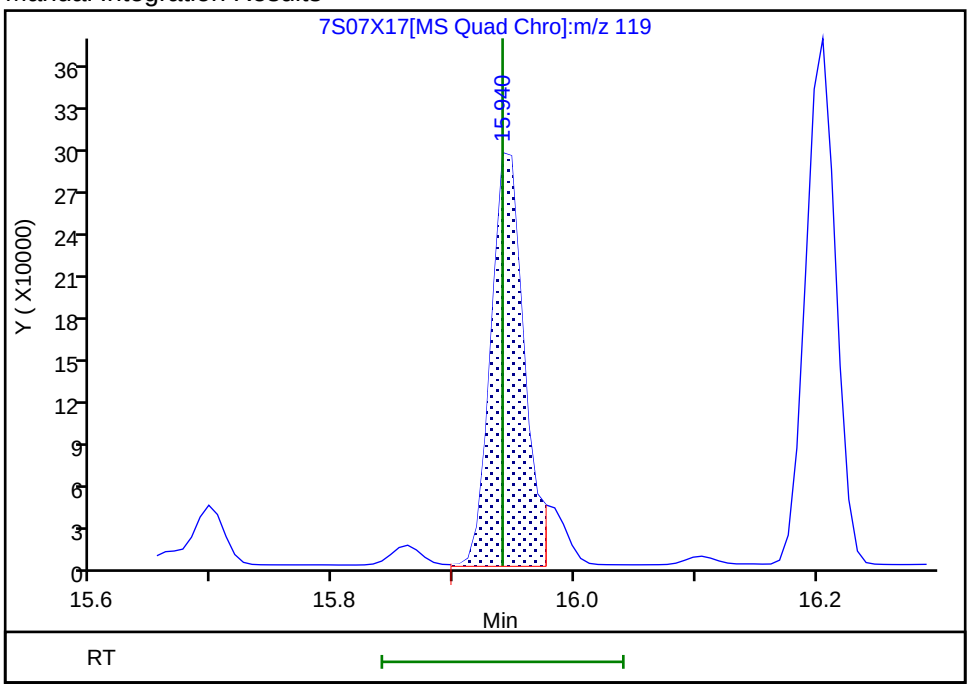
Processing Integration Results

RT: 15.94
Area: 604884
Amount: 5.381698
Amount Units: ppb v/v




Manual Integration Results

RT: 15.94
Area: 555658
Amount: 4.943731
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:15:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: ICV 410-695447/18  Calibration Date: 09/08/2025 06:05

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butane | Ave | 1.535 | 1.301 | | 4.24 | 5.00 | -15.3 | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D
Lims ID: ICV Butane
Client ID:
Sample Type: ICV
Inject. Date: 08-Sep-2025 06:05:53 ALS Bottle#: 7 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ICV Butane
Misc. Info.: 410-0158855-018
Operator ID: AL109694 Instrument ID: HP8R004
Sublist:

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 11-Sep-2025 09:16:41 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1694

First Level Reviewer: UKEK Date: 11-Sep-2025 09:17:03

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 124 Butane | 43 | 4.021 | 4.006 | 0.015 | 50 | 228201 | 5.00 | 4.24 | Ma |
| * 35 Chlorobromomethane (IS) | 130 | 9.622 | 9.608 | 0.014 | 90 | 350852 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.546 | 10.532 | 0.014 | 0 | 556876 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.227 | 11.212 | 0.015 | 96 | 1291316 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.061 | 13.053 | 0.008 | 95 | 1410752 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.464 | 0.008 | 89 | 1212616 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

AIRLCS10.0_00565 Amount Added: 100.00 Units: mL
AIRIS200 ppb_00521 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Sep-2025 09:17:03 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D

Injection Date: 08-Sep-2025 06:05:53 Instrument ID: HP8R004

Lims ID: ICV Butane

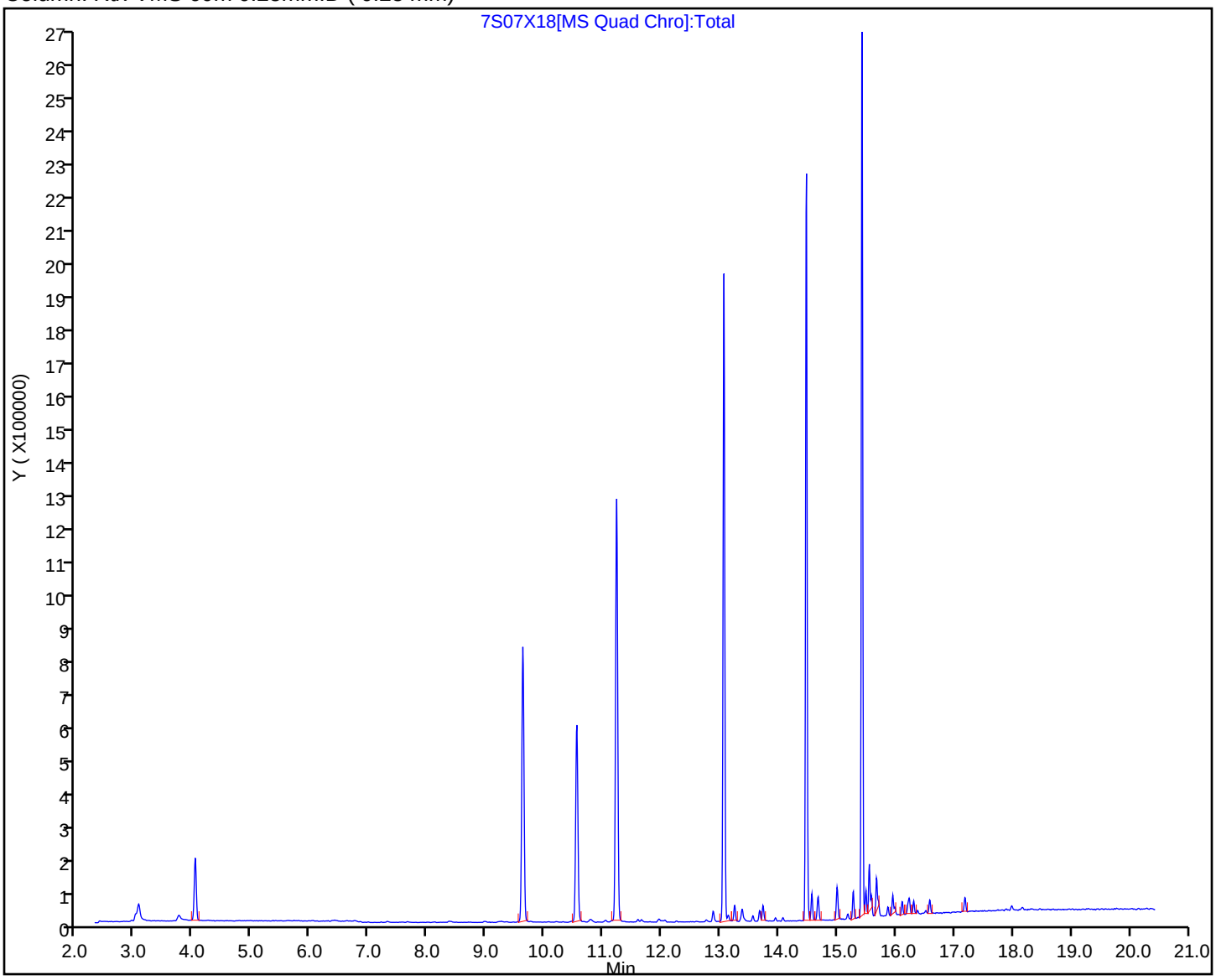
Client ID:

Operator ID: AL109694 ALS Bottle#: 7 Worklist Smp#: 18

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)






10/16/2025
9:18:09 AM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

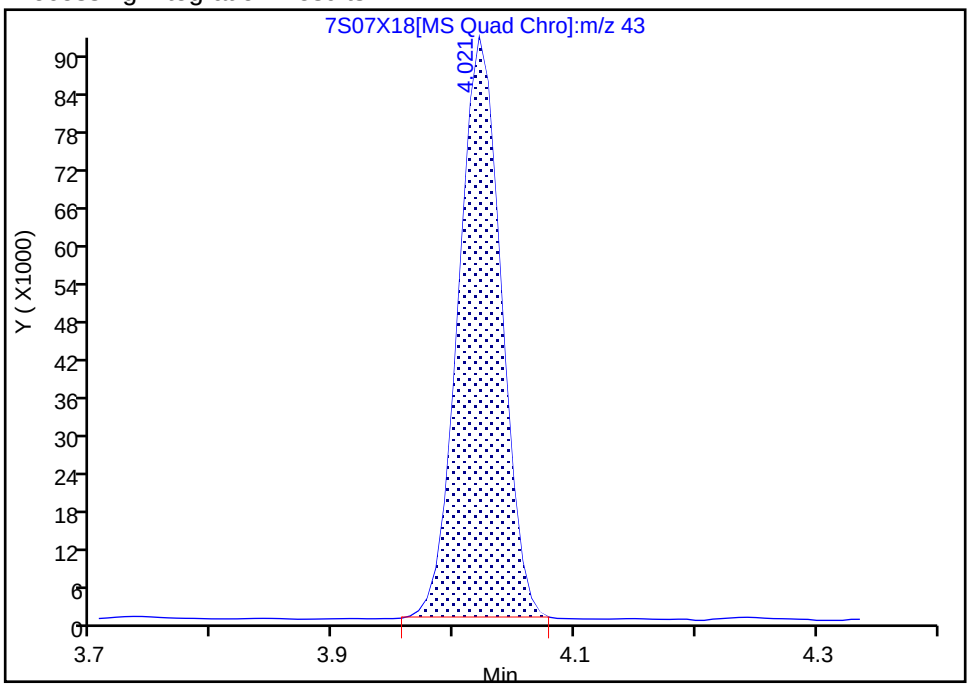
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D | | | | |
| Injection Date: | 08-Sep-2025 06:05:53 | Instrument ID: | HP8R004 | | |
| Lims ID: | ICV Butane | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 7 | Worklist Smp#: | 18 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 124 Butane, CAS: 106-97-8

Signal: 1

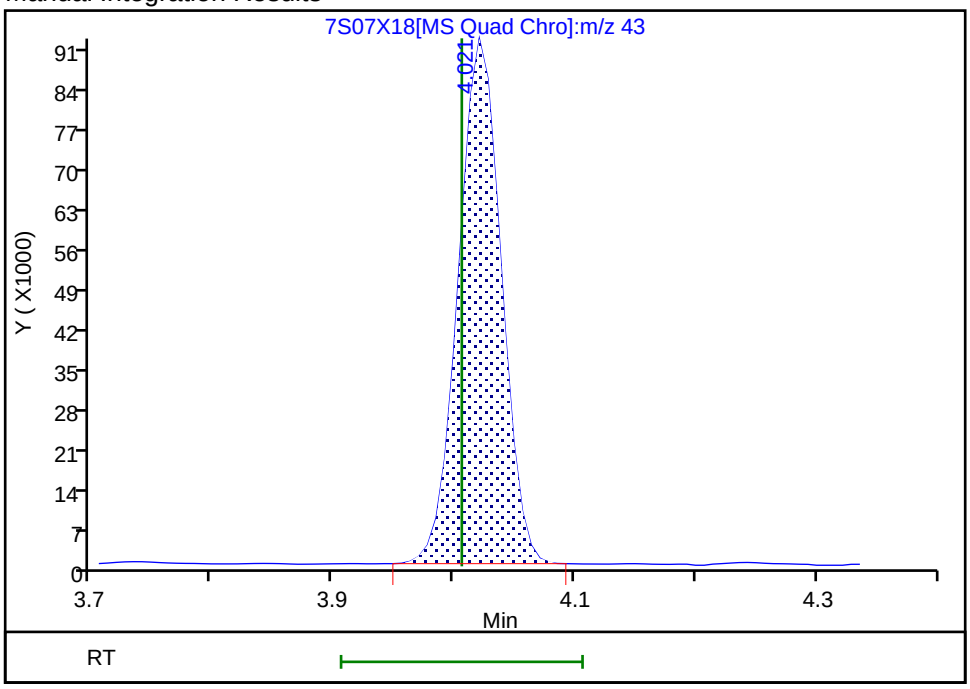
Processing Integration Results

RT: 4.02
Area: 226329
Amount: 4.201381
Amount Units: ppb v/v




Manual Integration Results

RT: 4.02
Area: 228201
Amount: 4.236132
Amount Units: ppb v/v




Reviewer: D7UM, 10-Sep-2025 11:10:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: CCVIS 410-704888/3  Calibration Date: 09/26/2025 08:28

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S26X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 2.285 | 2.244 | | 4.91 | 5.00 | -1.8 | 30.0 |
| Chlorodifluoromethane | Ave | 1.293 | 1.359 | | 5.26 | 5.00 | 5.1 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 2.032 | 2.200 | | 5.41 | 5.00 | 8.3 | 30.0 |
| Chloromethane | Ave | 0.8181 | 0.8474 | | 5.18 | 5.00 | 3.6 | 30.0 |
| n-Butane | Ave | 1.535 | 1.200 | | 3.91 | 5.00 | -21.8 | 30.0 |
| Vinyl chloride | Ave | 0.8328 | 0.8892 | | 5.34 | 5.00 | 6.8 | 30.0 |
| 1,3-Butadiene | Ave | 0.6457 | 0.6185 | | 4.79 | 5.00 | -4.2 | 30.0 |
| Bromomethane | Ave | 0.6204 | 0.6178 | | 4.98 | 5.00 | -0.4 | 30.0 |
| Chloroethane | Ave | 0.5030 | 0.4709 | | 4.68 | 5.00 | -6.4 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 0.8069 | 0.7209 | | 4.47 | 5.00 | -10.7 | 30.0 |
| Trichlorofluoromethane | Ave | 2.081 | 2.160 | | 5.19 | 5.00 | 3.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.408 | 1.289 | | 4.58 | 5.00 | -8.5 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 1.038 | 1.027 | | 4.95 | 5.00 | -1.0 | 30.0 |
| Acetone | Ave | 1.486 | 1.459 | | 4.91 | 5.00 | -1.8 | 30.0 |
| Isopropyl alcohol | Ave | 1.100 | 1.068 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Carbon disulfide | Ave | 2.979 | 2.629 | | 4.41 | 5.00 | -11.7 | 30.0 |
| 3-Chloropropene | Ave | 1.371 | 1.111 | | 4.05 | 5.00 | -18.9 | 30.0 |
| Methylene Chloride | Ave | 0.7881 | 0.7039 | | 4.47 | 5.00 | -10.7 | 30.0 |
| tert-Butyl alcohol | Ave | 0.9122 | 1.007 | | 6.29 | 5.70 | 10.4 | 30.0 |
| Methyl tert-butyl ether | Ave | 2.156 | 2.094 | | 4.86 | 5.00 | -2.9 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.497 | 1.368 | | 4.57 | 5.00 | -8.6 | 30.0 |
| n-Hexane | Ave | 0.7723 | 0.6796 | | 4.40 | 5.00 | -12.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.825 | 1.639 | | 4.49 | 5.00 | -10.2 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.4225 | 0.4061 | | 4.81 | 5.00 | -3.9 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.699 | 1.526 | | 4.49 | 5.00 | -10.1 | 30.0 |
| Tetrahydrofuran | Ave | 1.223 | 1.061 | | 4.34 | 5.00 | -13.2 | 30.0 |
| Chloroform | Ave | 2.046 | 1.868 | | 4.56 | 5.00 | -8.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.805 | 1.715 | | 4.75 | 5.00 | -5.0 | 30.0 |
| Cyclohexane | Ave | 1.427 | 1.263 | | 4.43 | 5.00 | -11.5 | 30.0 |
| Carbon tetrachloride | Ave | 1.671 | 1.702 | | 5.09 | 5.00 | 1.9 | 30.0 |
| Benzene | Ave | 0.8084 | 0.6933 | | 4.29 | 5.00 | -14.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3728 | 0.3398 | | 4.56 | 5.00 | -8.8 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.237 | 1.128 | | 4.56 | 5.00 | -8.9 | 30.0 |
| n-Heptane | Ave | 0.2445 | 0.2187 | | 4.47 | 5.00 | -10.6 | 30.0 |
| Trichloroethene | Ave | 0.3218 | 0.2735 | | 4.25 | 5.00 | -15.0 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3365 | 0.2931 | | 4.36 | 5.00 | -12.9 | 30.0 |
| Methyl methacrylate | Ave | 0.2554 | 0.2327 | | 4.56 | 5.00 | -8.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1093 | 0.1159 | | 5.30 | 5.00 | 6.1 | 30.0 |
| Bromodichloromethane | Ave | 0.5892 | 0.5160 | | 4.38 | 5.00 | -12.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Lab Sample ID: CCVIS 410-704888/3  Calibration Date: 09/26/2025 08:28

Instrument ID: HP8R004  Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 09/08/2025 02:41

Lab File ID: 7S26X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | Ave | 0.4734 | 0.4055 | | 4.28 | 5.00 | -14.4 | 30.0 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.6227 | 0.5733 | | 4.60 | 5.00 | -7.9 | 30.0 |
| Toluene | Ave | 1.030 | 0.9117 | | 4.43 | 5.00 | -11.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4129 | 0.3806 | | 4.61 | 5.00 | -7.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3457 | 0.3182 | | 4.60 | 5.00 | -8.0 | 30.0 |
| Tetrachloroethene | Ave | 0.4436 | 0.3679 | | 4.15 | 5.00 | -17.1 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.6271 | 0.5976 | | 4.76 | 5.00 | -4.7 | 30.0 |
| Dibromochloromethane | Ave | 0.4442 | 0.4005 | | 4.51 | 5.00 | -9.8 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5186 | 0.4658 | | 4.49 | 5.00 | -10.2 | 30.0 |
| Chlorobenzene | Ave | 0.7797 | 0.6571 | | 4.21 | 5.00 | -15.7 | 30.0 |
| Ethylbenzene | Ave | 1.243 | 1.093 | | 4.39 | 5.00 | -12.1 | 30.0 |
| m,p-Xylene | Ave | 0.9225 | 0.7651 | | 8.29 | 10.0 | -17.1 | 30.0 |
| o-Xylene | Ave | 0.9170 | 0.7983 | | 4.35 | 5.00 | -12.9 | 30.0 |
| Styrene | Ave | 0.6662 | 0.5914 | | 4.44 | 5.00 | -11.2 | 30.0 |
| Bromoform | Ave | 0.4811 | 0.4283 | | 4.45 | 5.00 | -11.0 | 30.0 |
| Cumene | Ave | 1.148 | 1.034 | | 4.50 | 5.00 | -10.0 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7883 | 0.6666 | | 4.23 | 5.00 | -15.4 | 30.0 |
| n-Propylbenzene | Ave | 0.3117 | 0.2735 | | 4.39 | 5.00 | -12.3 | 30.0 |
| 2-Chlorotoluene | Ave | 0.2976 | 0.2629 | | 4.42 | 5.00 | -11.6 | 30.0 |
| 4-Ethyltoluene | Ave | 1.147 | 1.030 | | 4.49 | 5.00 | -10.2 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9184 | 0.8744 | | 4.76 | 5.00 | -4.8 | 30.0 |
| tert-Butylbenzene | Ave | 0.9150 | 0.8751 | | 4.78 | 5.00 | -4.4 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9706 | 0.8620 | | 4.44 | 5.00 | -11.2 | 30.0 |
| sec-Butylbenzene | Ave | 1.392 | 1.217 | | 4.37 | 5.00 | -12.6 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.105 | 0.9562 | | 4.33 | 5.00 | -13.4 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6435 | 0.5748 | | 4.47 | 5.00 | -10.7 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.6474 | 0.5642 | | 4.36 | 5.00 | -12.8 | 30.0 |
| Benzyl chloride | Ave | 0.1519 | 0.1298 | | 4.27 | 5.00 | -14.6 | 30.0 |
| n-Butylbenzene | Ave | 0.5964 | 0.5056 | | 4.24 | 5.00 | -15.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.5956 | 0.5223 | | 4.38 | 5.00 | -12.3 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.4020 | 0.3838 | | 4.77 | 5.00 | -4.5 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3620 | 0.3338 | | 4.61 | 5.00 | -7.8 | 30.0 |
| Naphthalene | Ave | 0.9549 | 0.8614 | | 4.51 | 5.00 | -9.8 | 30.0 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-Sep-2025 08:28:18 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0161031-003
Operator ID: sn105465 Instrument ID: HP8R004
Sublist: chrom-TO15LLMethods_HP8R004*sub2

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:48:35 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 13:46:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.311 | 3.311 | 0.000 | 97 | 106859 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.376 | 3.376 | 0.000 | 87 | 342055 | 5.00 | 4.91 | |
| 3 Chlorodifluoromethane | 51 | 3.412 | 3.412 | 0.000 | 76 | 207159 | 5.00 | 5.26 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.648 | 3.648 | 0.000 | 96 | 335312 | 5.00 | 5.41 | |
| 5 Chloromethane | 50 | 3.770 | 3.770 | 0.000 | 88 | 129154 | 5.00 | 5.18 | |
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 98 | 182879 | 5.00 | 3.91 | |
| 6 Vinyl chloride | 62 | 4.013 | 4.013 | 0.000 | 75 | 135522 | 5.00 | 5.34 | |
| 7 Butadiene | 54 | 4.099 | 4.099 | 0.000 | 90 | 94268 | 5.00 | 4.79 | |
| 8 Bromomethane | 94 | 4.701 | 4.701 | 0.000 | 92 | 94154 | 5.00 | 4.98 | |
| 9 Chloroethane | 64 | 4.916 | 4.916 | 0.000 | 99 | 71775 | 5.00 | 4.68 | |
| 10 Vinyl bromide | 106 | 5.274 | 5.274 | 0.000 | 96 | 109874 | 5.00 | 4.47 | |
| 13 Dichlorofluoromethane | 67 | 5.331 | 5.331 | 0.000 | 82 | 304141 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.410 | 5.410 | 0.000 | 86 | 329196 | 5.00 | 5.19 | |
| 11 Pentane | 43 | 5.589 | 5.589 | 0.000 | 95 | 223588 | NC | NC | |
| 14 Ethanol | 45 | 5.661 | 5.661 | 0.000 | 94 | 42611 | NC | NC | |
| 19 Acrolein | 56 | 6.148 | 6.148 | 0.000 | 78 | 52413 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.349 | 6.349 | 0.000 | 86 | 196408 | 5.00 | 4.58 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.377 | 6.377 | 0.000 | 87 | 156511 | 5.00 | 4.95 | |
| 23 Acetone | 43 | 6.377 | 6.377 | 0.000 | 99 | 222429 | 5.00 | 4.91 | |
| 20 Isopropyl alcohol | 45 | 6.592 | 6.592 | 0.000 | 72 | 162831 | 5.00 | 4.86 | |
| 18 Iodomethane | 142 | 6.614 | 6.614 | 0.000 | 99 | 235512 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 99 | 400698 | 5.00 | 4.41 | |
| 28 Acetonitrile | 41 | 6.829 | 6.829 | 0.000 | 98 | 129369 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.979 | 6.979 | 0.000 | 89 | 169398 | 5.00 | 4.05 | |
| 22 Methylene Chloride | 84 | 7.194 | 7.194 | 0.000 | 94 | 107285 | 5.00 | 4.47 | |
| 27 2-Methyl-2-propanol | 59 | 7.294 | 7.294 | 0.000 | 97 | 174986 | 5.70 | 6.29 | |
| 31 Acrylonitrile | 53 | 7.538 | 7.538 | 0.000 | 99 | 122099 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.638 | 7.638 | 0.000 | 91 | 319102 | 5.00 | 4.86 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.667 | 7.667 | 0.000 | 91 | 208510 | 5.00 | 4.57 | |
| 25 Hexane | 56 | 8.111 | 8.111 | 0.000 | 94 | 103570 | 5.00 | 4.40 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 25852 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.354 | 8.354 | 0.000 | 85 | 249775 | 5.00 | 4.49 | |
| 29 Isopropyl ether | 45 | 8.397 | 8.397 | 0.000 | 94 | 460272 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.970 | 8.970 | 0.000 | 90 | 371068 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 61896 | 5.00 | 4.81 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.243 | 9.243 | 0.000 | 64 | 232641 | 5.00 | 4.49 | |
| 38 Ethyl acetate | 70 | 9.250 | 9.250 | 0.000 | 89 | 32474 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.328 | 9.328 | 0.000 | 88 | 237011 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 304810 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.636 | 9.636 | 0.000 | 83 | 161751 | 5.00 | 4.34 | |
| 37 Chloroform | 83 | 9.758 | 9.758 | 0.000 | 70 | 284726 | 5.00 | 4.56 | |
| 42 1,1,1-Trichloroethane | 97 | 10.052 | 10.052 | 0.000 | 58 | 261384 | 5.00 | 4.75 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 95 | 192558 | 5.00 | 4.43 | |
| 40 Carbon tetrachloride | 117 | 10.310 | 10.310 | 0.000 | 69 | 259458 | 5.00 | 5.09 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.539 | 0.000 | 0 | 505682 | NC | NC | |
| 46 Benzene | 78 | 10.596 | 10.596 | 0.000 | 92 | 403774 | 5.00 | 4.29 | |
| 48 1,2-Dichloroethane | 62 | 10.661 | 10.661 | 0.000 | 86 | 197921 | 5.00 | 4.56 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 75 | 333884 | NC | NC | |
| 44 Isooctane | 57 | 10.783 | 10.783 | 0.000 | 92 | 656836 | 5.00 | 4.56 | |
| 45 n-Heptane | 71 | 11.026 | 11.026 | 0.000 | 95 | 127350 | 5.00 | 4.47 | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 95 | 1164836 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 159275 | 5.00 | 4.25 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 99 | 285587 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 78 | 170727 | 5.00 | 4.36 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 90 | 135528 | 5.00 | 4.56 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 84 | 67488 | 5.00 | 5.30 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 142038 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 300528 | 5.00 | 4.38 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 88 | 236145 | 5.00 | 4.28 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 333875 | 5.00 | 4.60 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 1273958 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 97 | 484536 | 5.00 | 4.43 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 87 | 346780 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 93 | 202260 | 5.00 | 4.61 | |
| 63 Ethyl methacrylate | 69 | 13.368 | 13.368 | 0.000 | 82 | 225967 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 86 | 169108 | 5.00 | 4.60 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.669 | 0.000 | 92 | 195550 | 5.00 | 4.15 | |
| 67 2-Hexanone | 43 | 13.719 | 13.719 | 0.000 | 99 | 317614 | 5.00 | 4.76 | |
| 65 Chlorodibromomethane | 127 | 13.934 | 13.934 | 0.000 | 90 | 212862 | 5.00 | 4.51 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 247565 | 5.00 | 4.49 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 1062962 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 93 | 349254 | 5.00 | 4.21 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 580760 | 5.00 | 4.39 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 52 | 185823 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 813278 | 10.0 | 8.29 | |
| 73 o-Xylene | 91 | 14.987 | 14.987 | 0.000 | 93 | 424304 | 5.00 | 4.35 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 314325 | 5.00 | 4.44 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 92 | 227628 | 5.00 | 4.45 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 97 | 549453 | 5.00 | 4.50 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 53 | 354271 | 5.00 | 4.23 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 57 | 87630 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.546 | 0.000 | 86 | 185674 | NC | NC | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 86 | 145343 | 5.00 | 4.39 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.668 | 0.000 | 88 | 547284 | 5.00 | 4.49 | M |
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 90 | 139725 | 5.00 | 4.42 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.697 | 0.000 | 66 | 464725 | 5.00 | 4.76 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 91 | 200548 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.947 | 0.000 | 91 | 465079 | 5.00 | 4.78 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 458120 | 5.00 | 4.44 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 646551 | 5.00 | 4.37 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 508222 | 5.00 | 4.33 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 305478 | 5.00 | 4.47 | |
| 90 1,4-Dichlorobenzene | 146 | 16.305 | 16.305 | 0.000 | 92 | 299888 | 5.00 | 4.36 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 83 | 68978 | 5.00 | 4.27 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 268702 | 5.00 | 4.24 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 94 | 277580 | 5.00 | 4.38 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 91 | 178578 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 74 | 133270 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 92 | 203999 | 5.00 | 4.77 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.982 | 0.000 | 88 | 177407 | 5.00 | 4.61 | |
| 98 Naphthalene | 128 | 18.161 | 18.161 | 0.000 | 98 | 457813 | 5.00 | 4.51 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 441151 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 8.89 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1237582 | 15.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRCAL10.0_00621 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00532 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 28-Sep-2025 14:48:36 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X02.D

Injection Date: 26-Sep-2025 08:28:18 Instrument ID: HP8R004

Lims ID: CCVIS

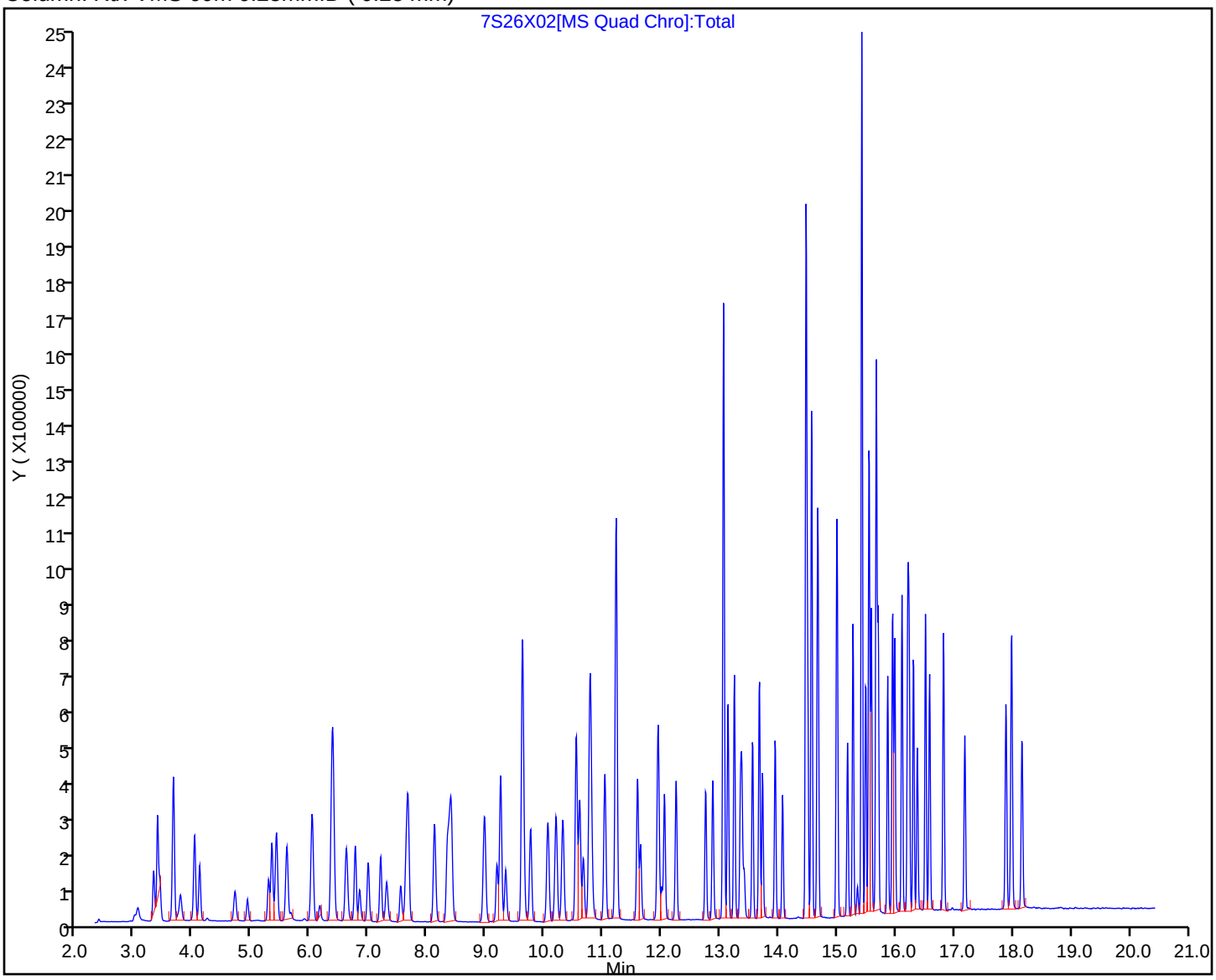
Client ID:

Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

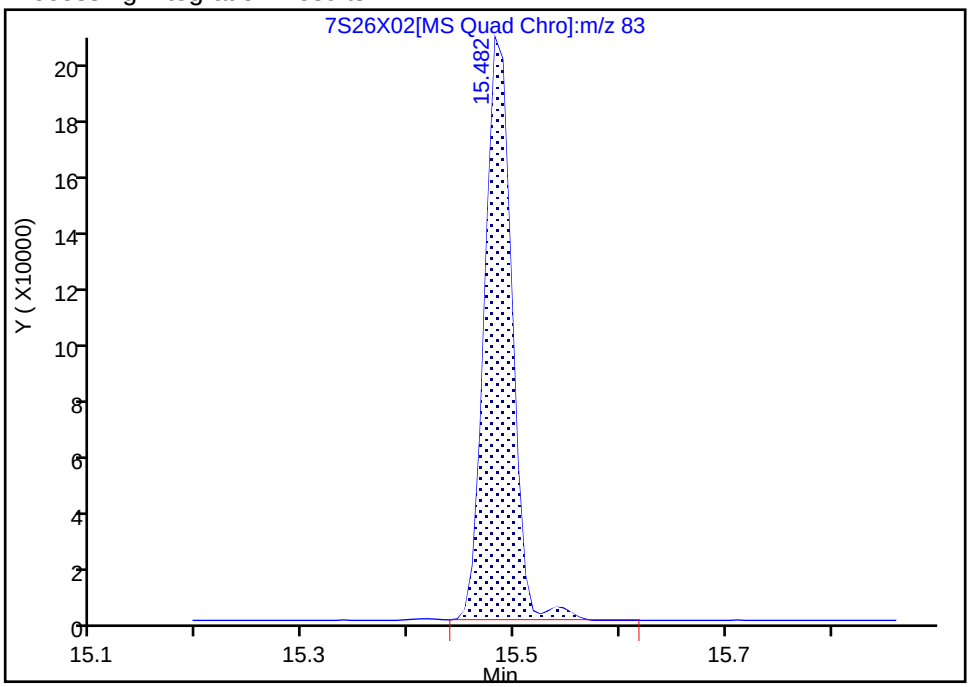
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X02.D | | | | |
| Injection Date: | 26-Sep-2025 08:28:18 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

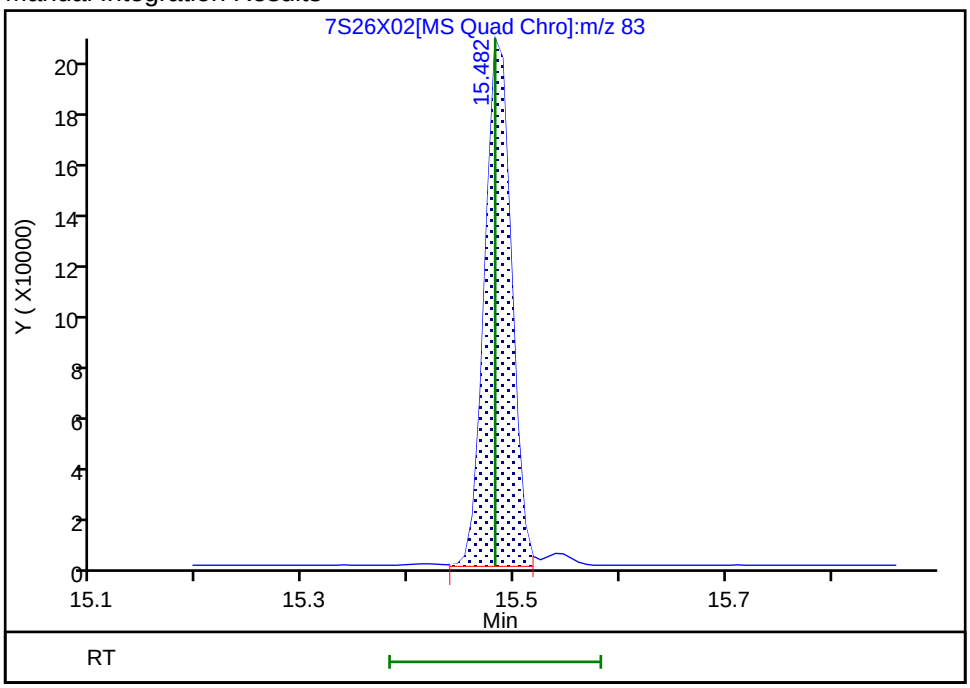
Processing Integration Results

RT: 15.48
Area: 363062
Amount: 4.332821
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 354271
Amount: 4.227908
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:45:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

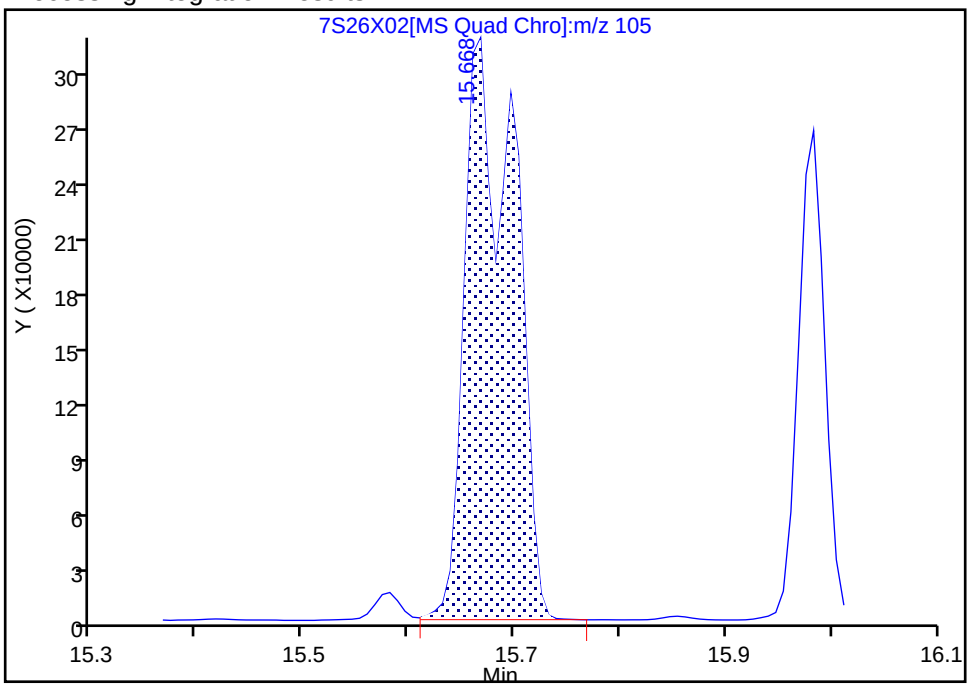
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X02.D | | | | |
| Injection Date: | 26-Sep-2025 08:28:18 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

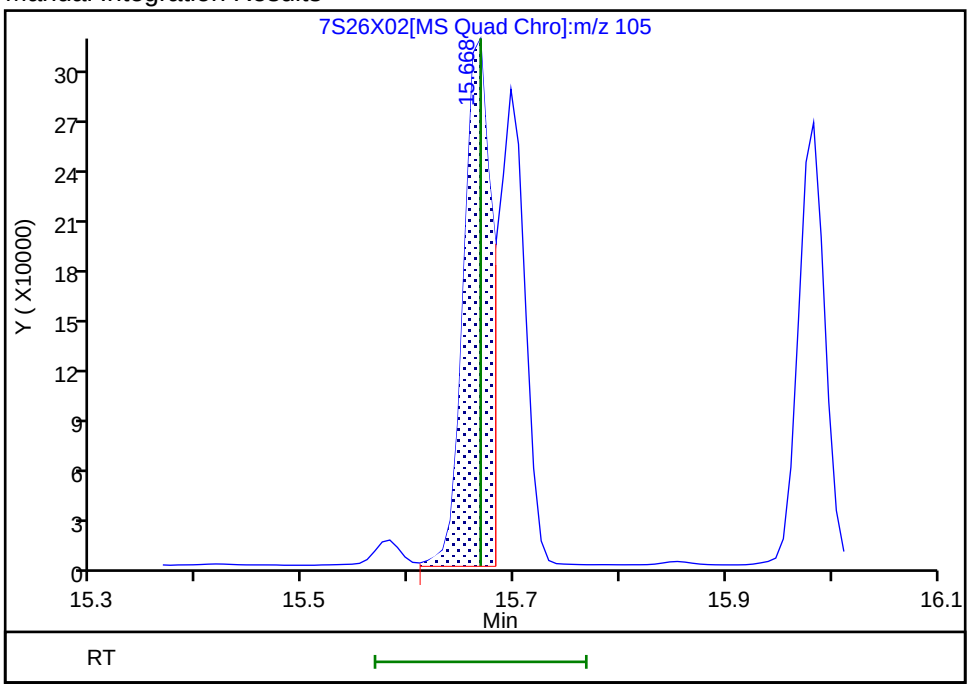
Processing Integration Results

RT: 15.67
Area: 1012010
Amount: 8.298658
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 547284
Amount: 4.487824
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:45:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

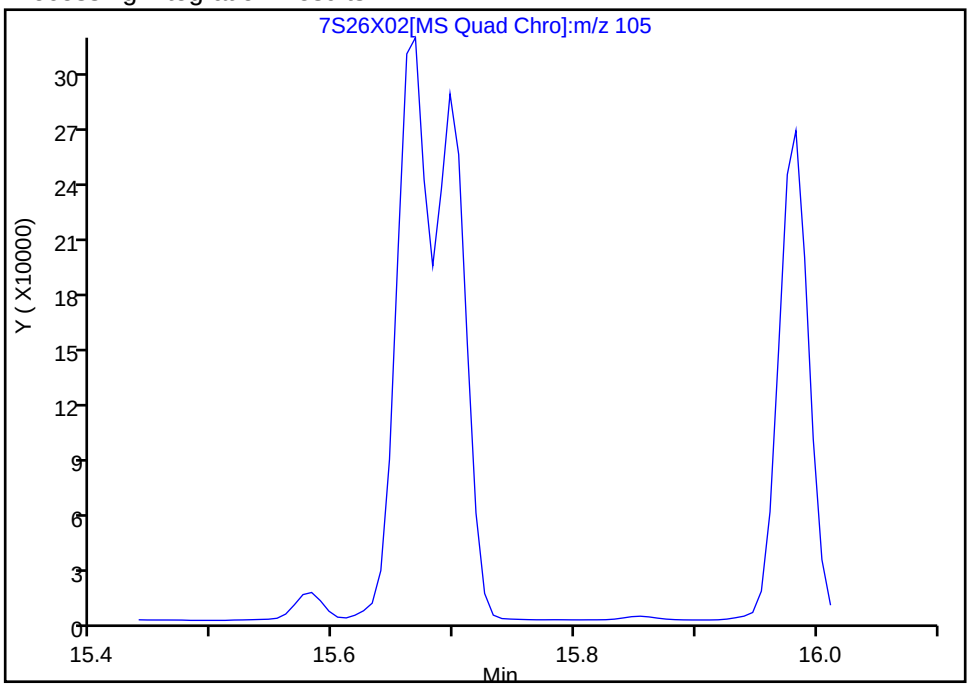
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X02.D | | | | |
| Injection Date: | 26-Sep-2025 08:28:18 | Instrument ID: | HP8R004 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

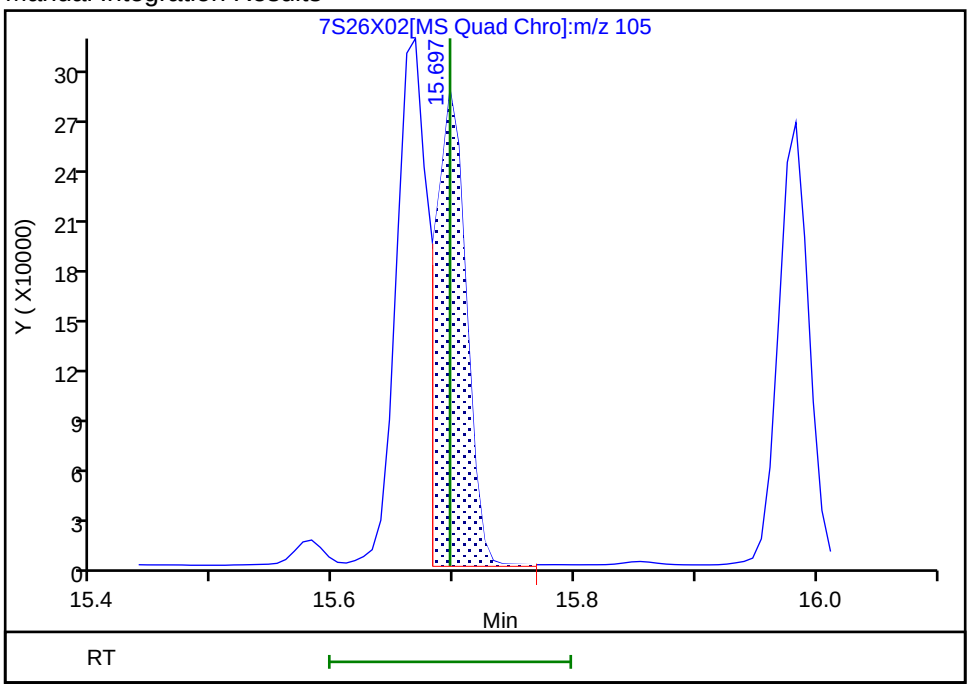
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 464725
Amount: 4.760314
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:46:07 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Aug-2025 19:52:18 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0158236-001
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 03-Sep-2025 14:39:24 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1696

First Level Reviewer: D7UM Date: 03-Sep-2025 10:29:06

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 5.636 | 5.636 | 0.000 | 91 | 541946 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.303 | 6.303 | 0.000 | 0 | 951205 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 97 | 2216170 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.470 | 0.000 | 95 | 2597465 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 91 | 2227553 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

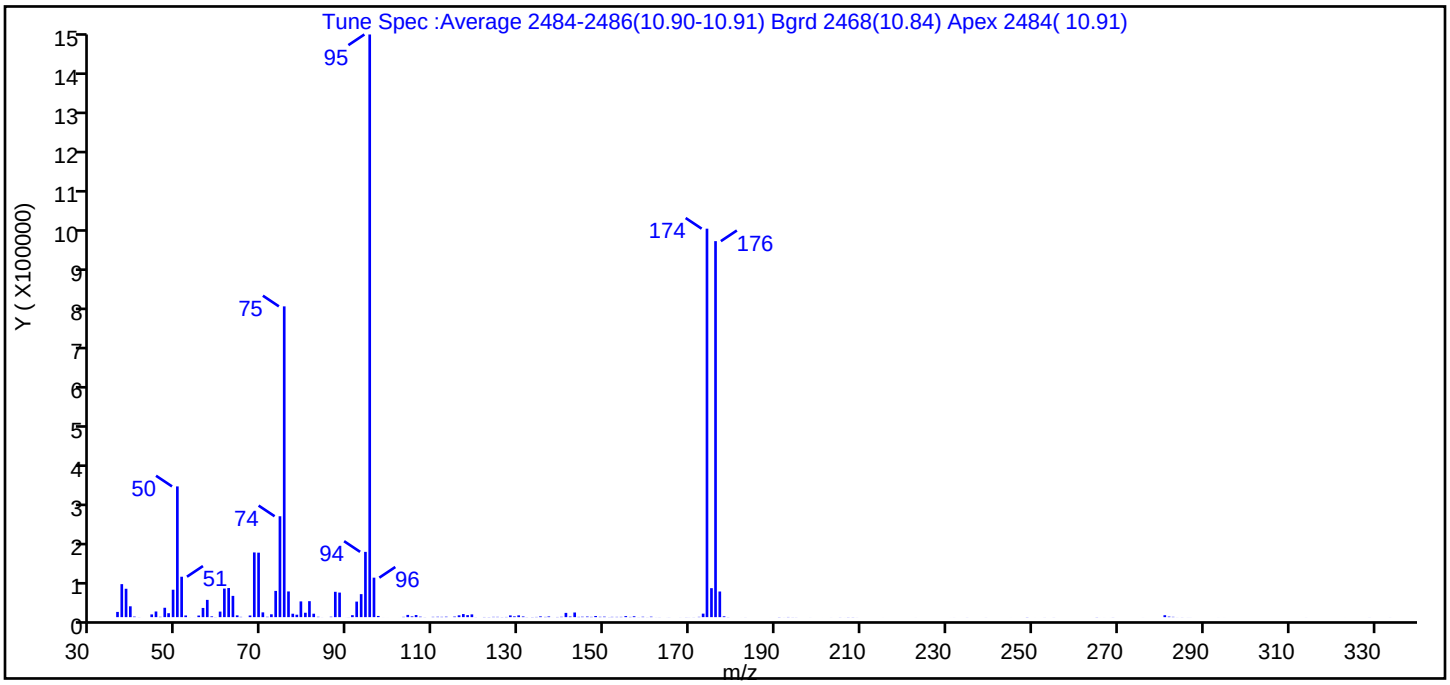
AIRBFB100ppb_00096 Amount Added: 20.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29T01.D | | | | |
| Injection Date: | 29-Aug-2025 19:52:18 | Instrument ID: | HP26379 | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Tune Method: | BFB Method TO-15 | | | | |

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 22.4 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 53.3 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.8 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.6 (0.9) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 66.7 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.0 (7.5) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 64.5 (96.8) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.4 (6.8) |

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29T01.D\TO15LLMethods_HP26379.rs
Injection Date: 29-Aug-2025 19:52:18
Spectrum: Tune Spec :Average 2484-2486(10.90-10.91) Bgrd 2468(10.84) Apex 2484( 10.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 182

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 12934 | 84.00 | 99 | 136.00 | 583 | 191.00 | 361 |
| 37.00 | 81632 | 86.00 | 1041 | 137.00 | 1728 | 192.00 | 88 |
| 38.00 | 70176 | 87.00 | 62672 | 138.00 | 44 | 193.00 | 431 |
| 39.00 | 26832 | 88.00 | 60728 | 139.00 | 442 | 194.00 | 196 |
| 40.00 | 1359 | 90.00 | 67 | 140.00 | 886 | 195.00 | 159 |
| 41.00 | 192 | 90.00 | 150 | 141.00 | 10555 | 198.00 | 67 |
| 44.00 | 6767 | 91.00 | 4836 | 142.00 | 1519 | 201.00 | 17 |
| 45.00 | 14007 | 92.00 | 38448 | 143.00 | 11475 | 203.00 | 65 |
| 46.00 | 815 | 93.00 | 56912 | 144.00 | 661 | 205.00 | 194 |
| 47.00 | 23192 | 94.00 | 161408 | 145.00 | 1060 | 206.00 | 41 |
| 48.00 | 9753 | 95.00 | 1440768 | 146.00 | 1483 | 207.00 | 274 |
| 49.00 | 67832 | 96.00 | 97616 | 147.00 | 671 | 208.00 | 265 |
| 50.00 | 323264 | 97.00 | 2958 | 148.00 | 2845 | 209.00 | 81 |
| 51.00 | 99936 | 98.00 | 46 | 149.00 | 842 | 215.00 | 24 |
| 52.00 | 4138 | 99.00 | 29 | 150.00 | 1221 | 223.00 | 43 |
| 53.00 | 90 | 102.00 | 17 | 151.00 | 245 | 231.00 | 20 |
| 54.00 | 62 | 103.00 | 720 | 152.00 | 690 | 232.00 | 66 |
| 55.00 | 3934 | 104.00 | 5528 | 153.00 | 663 | 235.00 | 110 |
| 56.00 | 22760 | 105.00 | 1845 | 154.00 | 680 | 239.00 | 93 |
| 57.00 | 42680 | 106.00 | 5198 | 155.00 | 2601 | 245.00 | 19 |
| 58.00 | 1897 | 107.00 | 1142 | 156.00 | 561 | 249.00 | 337 |
| 59.00 | 225 | 108.00 | 189 | 157.00 | 2175 | 251.00 | 22 |
| 60.00 | 13737 | 110.00 | 751 | 158.00 | 166 | 253.00 | 113 |
| 61.00 | 70640 | 111.00 | 962 | 159.00 | 980 | 255.00 | 118 |
| 62.00 | 71992 | 112.00 | 760 | 160.00 | 161 | 265.00 | 292 |
| 63.00 | 52584 | 113.00 | 1130 | 161.00 | 1143 | 266.00 | 28 |
| 64.00 | 4396 | 115.00 | 1413 | 162.00 | 86 | 267.00 | 45 |
| 65.00 | 660 | 116.00 | 4513 | 163.00 | 172 | 268.00 | 24 |
| 66.00 | 16 | 117.00 | 7634 | 165.00 | 53 | 269.00 | 168 |
| 67.00 | 4062 | 118.00 | 4947 | 165.00 | 134 | 276.00 | 39 |
| 68.00 | 160000 | 119.00 | 6823 | 168.00 | 94 | 281.00 | 4742 |
| 69.00 | 159424 | 120.00 | 160 | 168.00 | 18 | 282.00 | 1349 |
| 70.00 | 11825 | 122.00 | 390 | 169.00 | 200 | 283.00 | 750 |

Report Date: 03-Sep-2025 14:39:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00
Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29T01.D\TO15LLMethods_HP26379.rs
Injection Date: 29-Aug-2025 19:52:18
Spectrum: Tune Spec :Average 2484-2486(10.90-10.91) Bgrd 2468(10.84) Apex 2484( 10.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 182

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 71.00 | 888 | 123.00 | 333 | 170.00 | 116 | 284.00 | 98 |
| 72.00 | 7053 | 124.00 | 710 | 171.00 | 178 | 285.00 | 163 |
| 73.00 | 64928 | 125.00 | 709 | 172.00 | 710 | 286.00 | 80 |
| 74.00 | 249472 | 126.00 | 274 | 173.00 | 8692 | 287.00 | 71 |
| 75.00 | 768448 | 127.00 | 469 | 174.00 | 960576 | 294.00 | 39 |
| 76.00 | 63552 | 128.00 | 4317 | 175.00 | 71640 | 295.00 | 25 |
| 77.00 | 8458 | 129.00 | 1928 | 176.00 | 929728 | 314.00 | 59 |
| 78.00 | 6030 | 130.00 | 4402 | 177.00 | 63408 | 323.00 | 17 |
| 79.00 | 38936 | 131.00 | 1714 | 178.00 | 1990 | 329.00 | 89 |
| 80.00 | 10895 | 132.00 | 228 | 179.00 | 256 | 334.00 | 19 |
| 81.00 | 39488 | 133.00 | 355 | 182.00 | 24 | 334.00 | 55 |
| 82.00 | 8480 | 134.00 | 513 | 183.00 | 104 | | |
| 83.00 | 902 | 135.00 | 1914 | 189.00 | 26 | | |

Report Date: 03-Sep-2025 14:39:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29T01.D

Injection Date: 29-Aug-2025 19:52:18 Instrument ID: HP26379

Lims ID: BFB

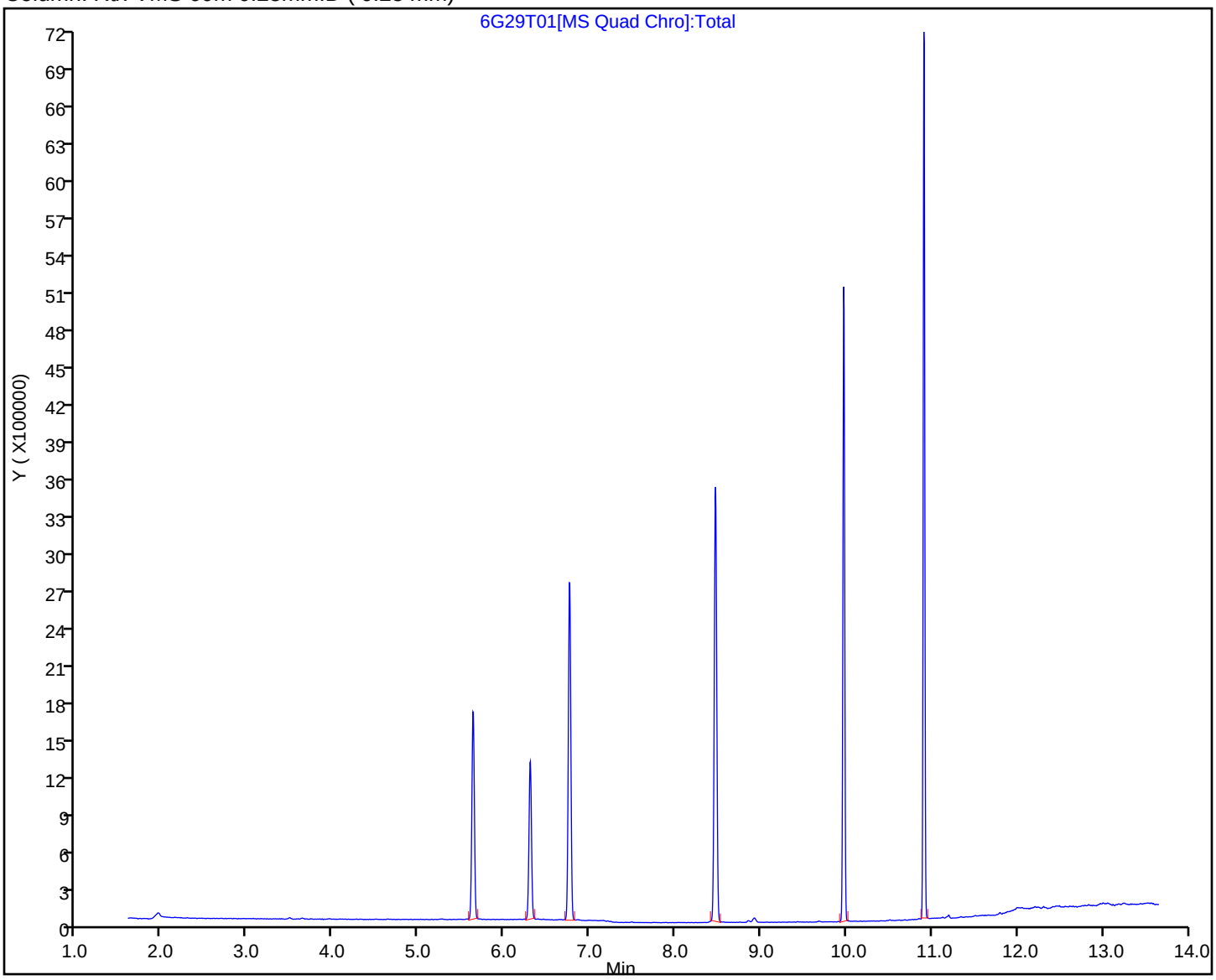
Client ID:

Operator ID: al109694 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 28-Sep-2025 18:22:46 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0161263-001
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:11:24 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

First Level Reviewer: JXC9 Date: 28-Sep-2025 18:58:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 5.628 | 5.628 | 0.000 | 94 | 225752 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.295 | 6.295 | 0.000 | 0 | 377582 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 6.756 | 6.756 | 0.000 | 96 | 915294 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.466 | 8.466 | 0.000 | 96 | 1048982 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.965 | 9.965 | 0.000 | 90 | 935489 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

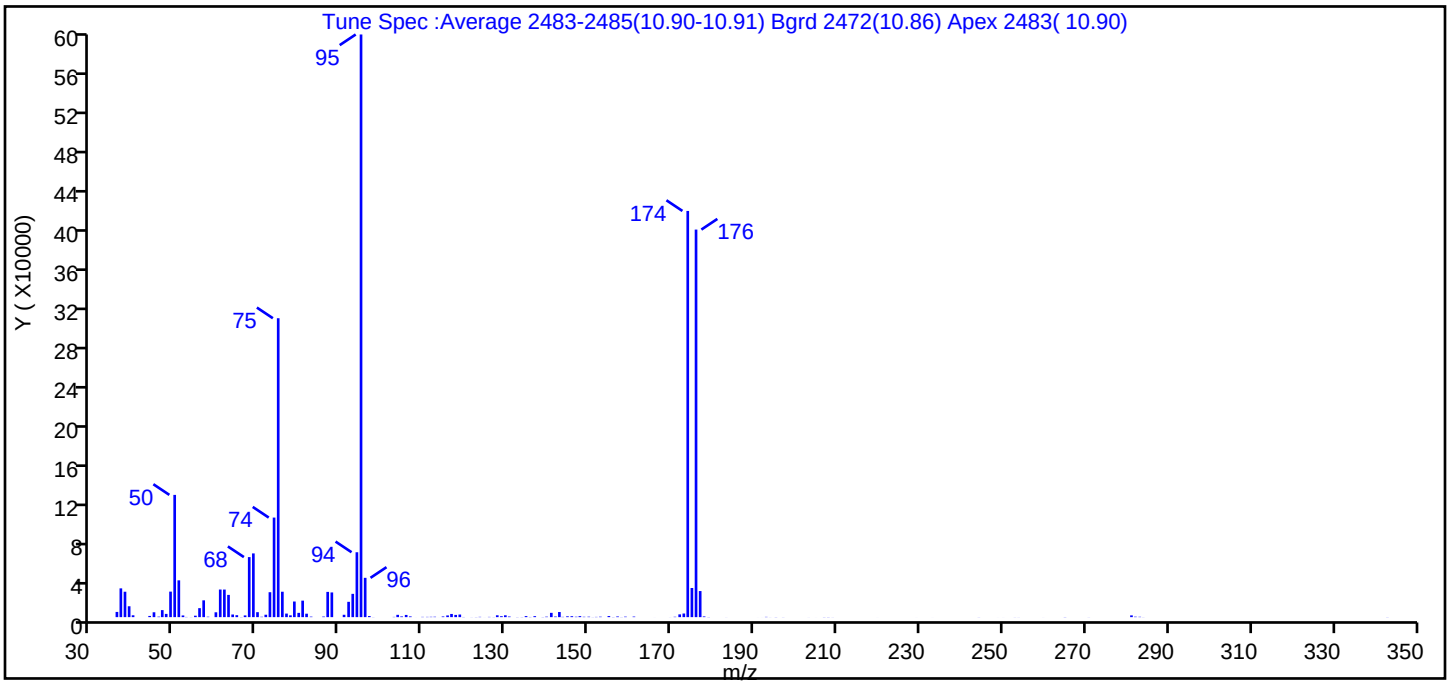
AIRBFB100ppb_00098 Amount Added: 20.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28T01.D | | | | |
| Injection Date: | 28-Sep-2025 18:22:46 | Instrument ID: | HP26379 | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Tune Method: | BFB Method TO-15 | | | | |

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 21.0 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 51.3 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.7 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.6 (0.9) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 69.7 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.0 (7.2) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 66.5 (95.4) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.5 (6.7) |

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28T01.D\TO15LLMethods_HP26379.rs
Injection Date: 28-Sep-2025 18:22:46
Spectrum: Tune Spec :Average 2483-2485(10.90-10.91) Bgrd 2472(10.86) Apex 2483( 10.90)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 148

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 5309 | 76.00 | 25832 | 123.00 | 118 | 171.00 | 377 |
| 37.00 | 29256 | 77.00 | 3624 | 124.00 | 287 | 172.00 | 2812 |
| 38.00 | 25832 | 78.00 | 1834 | 125.00 | 25 | 173.00 | 3690 |
| 39.00 | 11064 | 79.00 | 15892 | 126.00 | 251 | 174.00 | 412928 |
| 40.00 | 1890 | 80.00 | 4351 | 127.00 | 96 | 175.00 | 29632 |
| 44.00 | 1226 | 81.00 | 16776 | 128.00 | 1886 | 176.00 | 393984 |
| 45.00 | 4956 | 82.00 | 3496 | 129.00 | 939 | 177.00 | 26520 |
| 46.00 | 508 | 83.00 | 519 | 130.00 | 1863 | 178.00 | 711 |
| 47.00 | 7151 | 86.00 | 588 | 131.00 | 625 | 179.00 | 143 |
| 48.00 | 3295 | 87.00 | 25672 | 133.00 | 121 | 183.00 | 43 |
| 49.00 | 25944 | 88.00 | 25112 | 134.00 | 122 | 191.00 | 17 |
| 50.00 | 124280 | 91.00 | 2404 | 135.00 | 1064 | 192.00 | 20 |
| 51.00 | 37408 | 92.00 | 15575 | 136.00 | 177 | 193.00 | 269 |
| 52.00 | 1709 | 93.00 | 23680 | 137.00 | 998 | 194.00 | 49 |
| 53.00 | 193 | 94.00 | 65976 | 139.00 | 137 | 195.00 | 122 |
| 54.00 | 79 | 95.00 | 592320 | 140.00 | 491 | 197.00 | 78 |
| 55.00 | 1473 | 96.00 | 39960 | 141.00 | 4372 | 203.00 | 40 |
| 56.00 | 9139 | 97.00 | 1092 | 142.00 | 610 | 205.00 | 19 |
| 57.00 | 17088 | 98.00 | 96 | 143.00 | 5193 | 207.00 | 122 |
| 58.00 | 452 | 103.00 | 246 | 144.00 | 276 | 208.00 | 130 |
| 59.00 | 7 | 104.00 | 2348 | 145.00 | 832 | 209.00 | 61 |
| 60.00 | 4941 | 105.00 | 718 | 146.00 | 942 | 220.00 | 19 |
| 61.00 | 28072 | 106.00 | 2240 | 147.00 | 409 | 229.00 | 17 |
| 62.00 | 28032 | 107.00 | 734 | 148.00 | 1025 | 233.00 | 19 |
| 63.00 | 22616 | 108.00 | 16 | 149.00 | 362 | 244.00 | 81 |
| 64.00 | 2681 | 110.00 | 271 | 150.00 | 463 | 249.00 | 20 |
| 65.00 | 1991 | 111.00 | 265 | 151.00 | 87 | 250.00 | 22 |
| 66.00 | 145 | 112.00 | 342 | 152.00 | 239 | 253.00 | 67 |
| 67.00 | 1749 | 113.00 | 414 | 153.00 | 451 | 254.00 | 53 |
| 68.00 | 61040 | 114.00 | 21 | 155.00 | 1095 | 260.00 | 24 |
| 69.00 | 64792 | 115.00 | 692 | 156.00 | 144 | 265.00 | 150 |
| 70.00 | 5043 | 116.00 | 1745 | 157.00 | 686 | 271.00 | 66 |
| 71.00 | 368 | 117.00 | 3237 | 158.00 | 105 | 281.00 | 1790 |

Report Date: 29-Sep-2025 13:11:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00
Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28T01.D\TO15LLMethods_HP26379.rs
Injection Date: 28-Sep-2025 18:22:46
Spectrum: Tune Spec :Average 2483-2485(10.90-10.91) Bgrd 2472(10.86) Apex 2483( 10.90)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 148

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 72.00 | 2457 | 118.00 | 2276 | 159.00 | 497 | 282.00 | 465 |
| 73.00 | 25344 | 119.00 | 2653 | 161.00 | 578 | 283.00 | 359 |
| 74.00 | 101216 | 120.00 | 161 | 166.00 | 22 | 284.00 | 80 |
| 75.00 | 303872 | 122.00 | 66 | 170.00 | 49 | 343.00 | 102 |

Report Date: 29-Sep-2025 13:11:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28T01.D

Injection Date: 28-Sep-2025 18:22:46 Instrument ID: HP26379

Lims ID: BFB

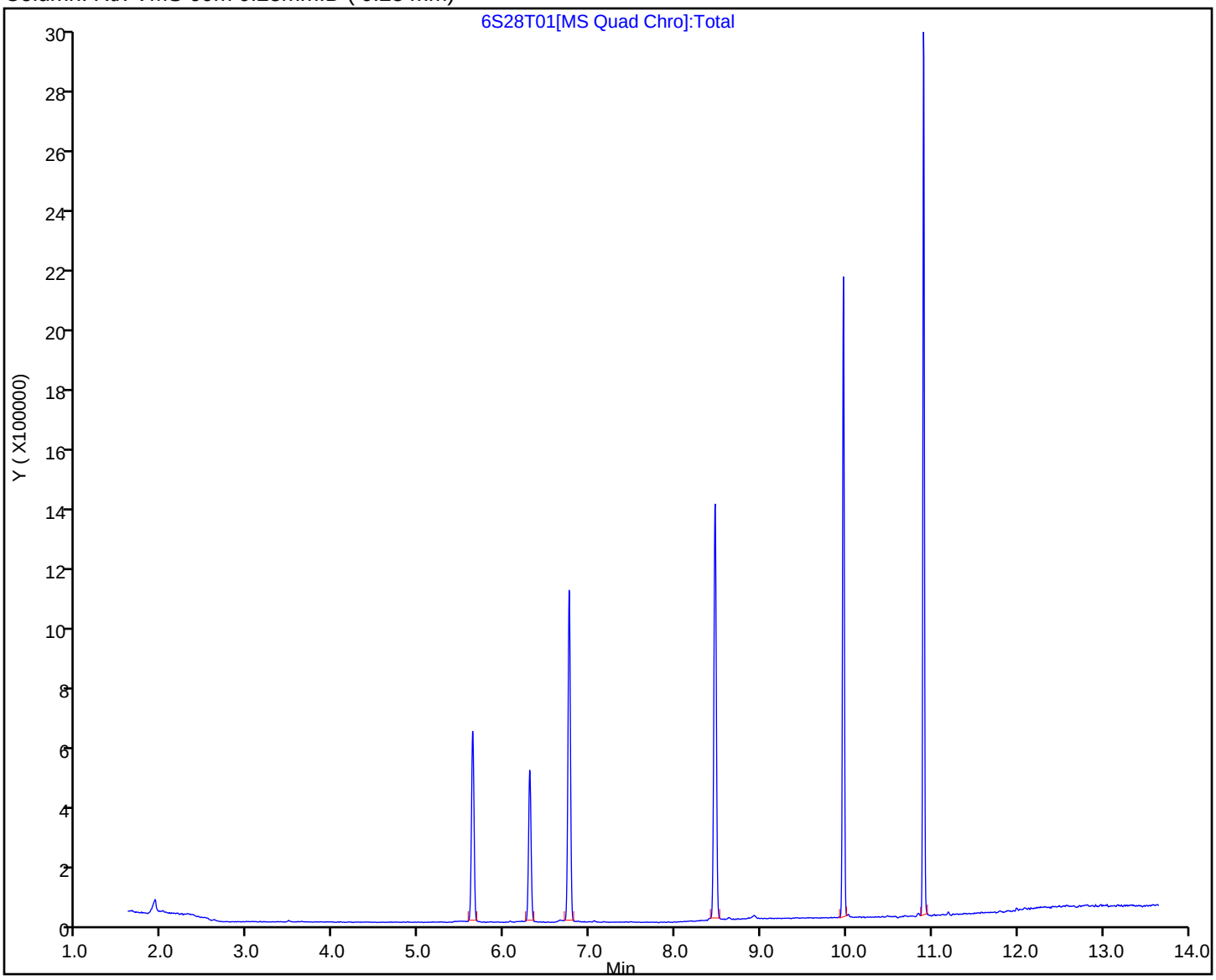
Client ID:

Operator ID: al109694 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Sep-2025 22:04:07 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0158855-001
Operator ID: AL109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 10-Sep-2025 12:33:15 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: D7UM Date: 08-Sep-2025 13:52:12

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.608 | 0.000 | 91 | 184729 | 10.0 | 10.0 | a |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.525 | 10.525 | 0.000 | 0 | 305986 | NC | NC | a |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 735056 | 10.0 | 10.0 | a |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 823774 | NC | NC | a |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 89 | 725125 | 10.0 | 10.0 | a |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

## Reagents:

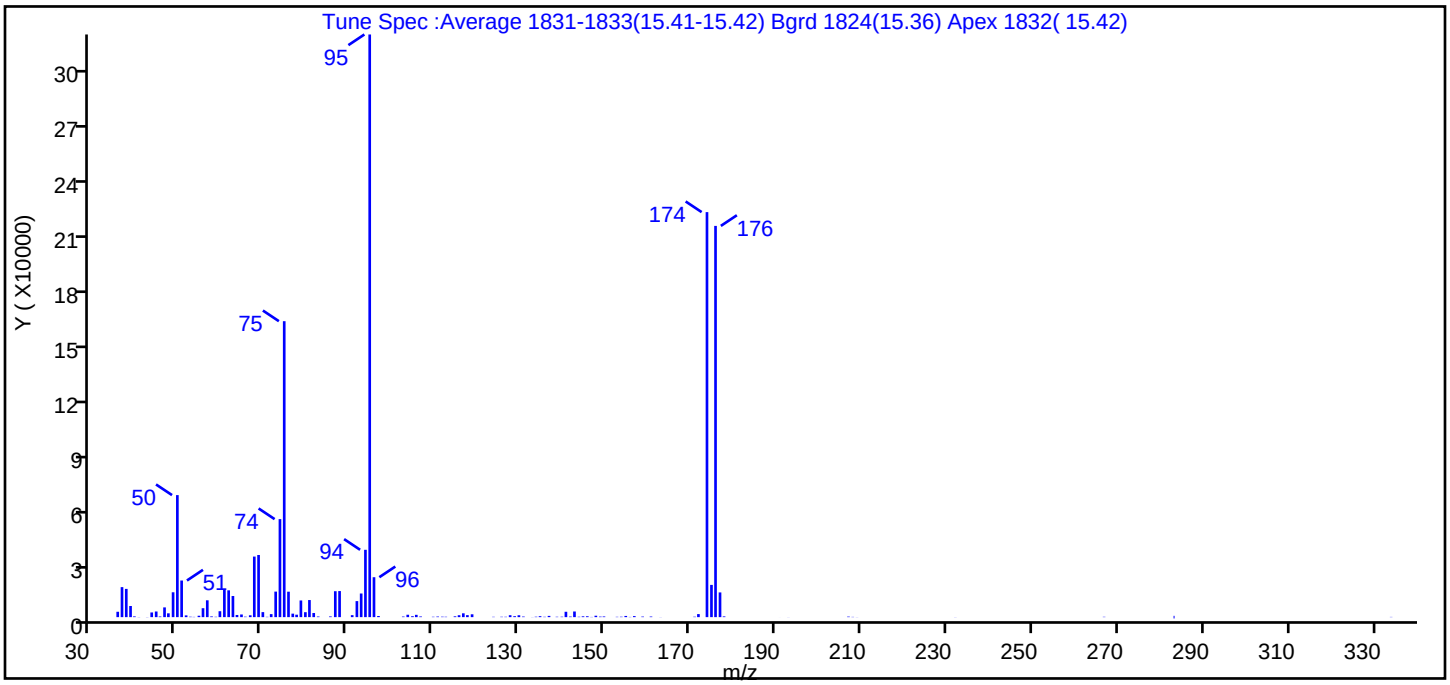
AIRBFB100ppb_00096 Amount Added: 20.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D | | | | |
| Injection Date: | 07-Sep-2025 22:04:07 | Instrument ID: | HP8R004 | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Operator ID: | AL109694 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Tune Method: | BFB Method TO-15 | | | | |

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 20.9 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 50.8 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.9 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.0 (0.0) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 69.5 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.5 (8.0) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 67.1 (96.6) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.2 (6.3) |

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D\TO15LLMethods_HP8R004.rs
Injection Date: 07-Sep-2025 22:04:07
Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1824(15.36) Apex 1832( 15.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2868 | 67.00 | 984 | 106.00 | 1234 | 146.00 | 468 |
| 37.00 | 16025 | 68.00 | 32344 | 107.00 | 362 | 147.00 | 106 |
| 38.00 | 15083 | 69.00 | 33184 | 110.00 | 201 | 148.00 | 754 |
| 39.00 | 5952 | 70.00 | 2682 | 111.00 | 315 | 149.00 | 280 |
| 40.00 | 397 | 71.00 | 164 | 112.00 | 241 | 150.00 | 358 |
| 41.00 | 76 | 72.00 | 1617 | 113.00 | 205 | 153.00 | 176 |
| 43.00 | 71 | 73.00 | 13635 | 115.00 | 434 | 154.00 | 226 |
| 44.00 | 2503 | 74.00 | 52336 | 116.00 | 1024 | 155.00 | 640 |
| 45.00 | 3016 | 75.00 | 158016 | 117.00 | 2045 | 156.00 | 110 |
| 46.00 | 345 | 76.00 | 13592 | 118.00 | 1070 | 157.00 | 547 |
| 47.00 | 5204 | 77.00 | 1870 | 119.00 | 1525 | 159.00 | 299 |
| 48.00 | 2044 | 78.00 | 1304 | 124.00 | 177 | 161.00 | 320 |
| 49.00 | 13274 | 79.00 | 8908 | 126.00 | 202 | 163.00 | 52 |
| 50.00 | 65160 | 80.00 | 2643 | 127.00 | 192 | 171.00 | 231 |
| 51.00 | 19560 | 81.00 | 9129 | 128.00 | 1036 | 172.00 | 1630 |
| 52.00 | 941 | 82.00 | 2207 | 129.00 | 510 | 174.00 | 216256 |
| 53.00 | 227 | 83.00 | 332 | 130.00 | 1004 | 175.00 | 17216 |
| 54.00 | 133 | 86.00 | 380 | 131.00 | 313 | 176.00 | 208896 |
| 55.00 | 748 | 87.00 | 13843 | 133.00 | 50 | 177.00 | 13199 |
| 56.00 | 4773 | 88.00 | 13926 | 134.00 | 226 | 178.00 | 386 |
| 57.00 | 8994 | 91.00 | 1058 | 135.00 | 513 | 191.00 | 12 |
| 58.00 | 383 | 92.00 | 8563 | 136.00 | 187 | 193.00 | 36 |
| 59.00 | 189 | 93.00 | 12625 | 137.00 | 669 | 207.00 | 279 |
| 60.00 | 3162 | 94.00 | 35960 | 139.00 | 208 | 208.00 | 137 |
| 61.00 | 14636 | 95.00 | 311104 | 140.00 | 235 | 209.00 | 47 |
| 62.00 | 14317 | 96.00 | 21320 | 141.00 | 2866 | 232.00 | 51 |
| 63.00 | 11282 | 97.00 | 594 | 142.00 | 305 | 267.00 | 180 |
| 64.00 | 1159 | 103.00 | 312 | 143.00 | 3018 | 283.00 | 1 |
| 65.00 | 1425 | 104.00 | 1283 | 144.00 | 202 | 334.00 | 123 |
| 66.00 | 246 | 105.00 | 485 | 145.00 | 429 | | |

Report Date: 10-Sep-2025 12:33:15 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D

Injection Date: 07-Sep-2025 22:04:07 Instrument ID: HP8R004

Lims ID: BFB

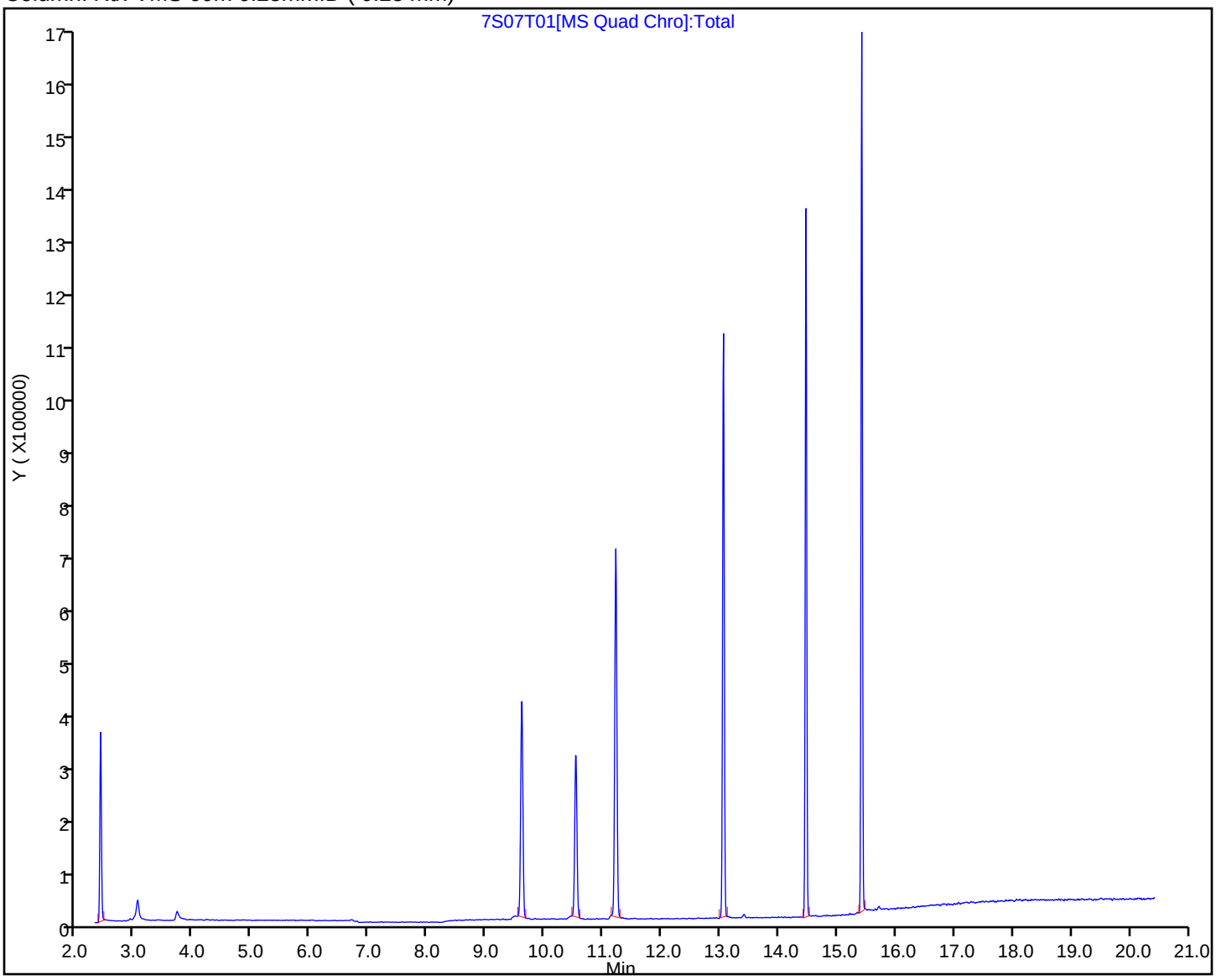
Client ID:

Operator ID: AL109694 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Sep-2025 07:30:52 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0161031-001
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:48:49 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 13:43:23

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 35 Chlorobromomethane (IS) | 130 | 9.601 | 9.601 | 0.000 | 90 | 178281 | 50.0 | 50.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.525 | 10.525 | 0.000 | 0 | 287979 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.212 | 11.212 | 0.000 | 96 | 631021 | 50.0 | 50.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 95 | 714260 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 88 | 627718 | 50.0 | 50.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

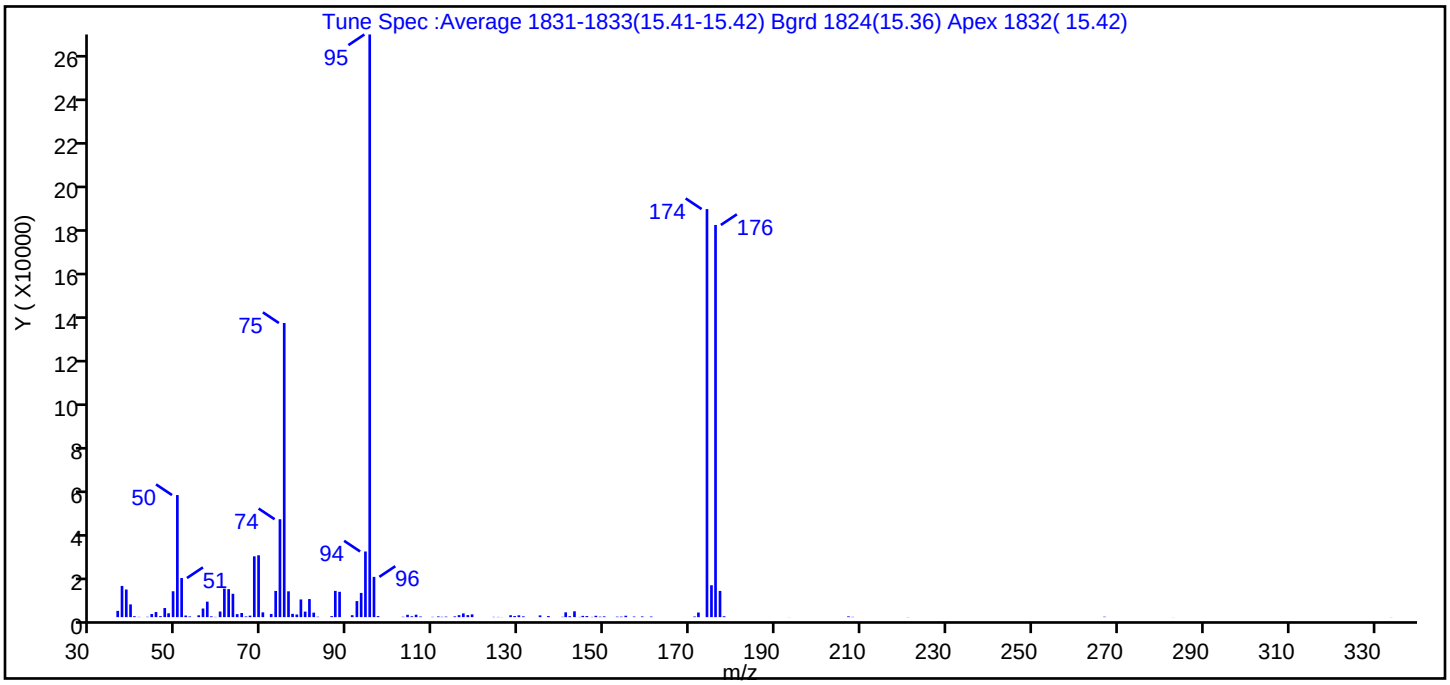
AIRBFB100ppb_00097 Amount Added: 100.00 Units: mL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26T01.D | | | | |
| Injection Date: | 26-Sep-2025 07:30:52 | Instrument ID: | HP8R004 | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Tune Method: | BFB Method TO-15 | | | | |

$ 110 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 21.0 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 50.5 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.9 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.0 (0.0) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 70.0 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 5.5 (7.8) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 67.3 (96.1) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 4.5 (6.7) |

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26T01.D\TO15LLMethods_HP8R004.rs
Injection Date: 26-Sep-2025 07:30:52
Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1824(15.36) Apex 1832( 15.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 111

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2802 | 65.00 | 1848 | 103.00 | 173 | 144.00 | 106 |
| 37.00 | 13961 | 66.00 | 312 | 104.00 | 1063 | 145.00 | 574 |
| 38.00 | 12353 | 67.00 | 668 | 105.00 | 386 | 146.00 | 494 |
| 39.00 | 5704 | 68.00 | 27192 | 106.00 | 1096 | 147.00 | 112 |
| 40.00 | 405 | 69.00 | 27664 | 107.00 | 278 | 148.00 | 609 |
| 41.00 | 128 | 70.00 | 2142 | 110.00 | 131 | 149.00 | 207 |
| 42.00 | 12 | 72.00 | 1426 | 111.00 | 314 | 150.00 | 341 |
| 43.00 | 159 | 73.00 | 11717 | 112.00 | 148 | 153.00 | 227 |
| 44.00 | 1400 | 74.00 | 43784 | 113.00 | 240 | 154.00 | 221 |
| 45.00 | 2286 | 75.00 | 131520 | 115.00 | 340 | 155.00 | 626 |
| 46.00 | 437 | 76.00 | 11547 | 116.00 | 888 | 157.00 | 261 |
| 47.00 | 4076 | 77.00 | 1476 | 117.00 | 1660 | 159.00 | 310 |
| 48.00 | 1724 | 78.00 | 1181 | 118.00 | 900 | 161.00 | 269 |
| 49.00 | 11577 | 79.00 | 7913 | 119.00 | 1243 | 171.00 | 282 |
| 50.00 | 54592 | 80.00 | 2475 | 124.00 | 123 | 172.00 | 2058 |
| 51.00 | 17488 | 81.00 | 8079 | 125.00 | 106 | 174.00 | 182464 |
| 52.00 | 721 | 82.00 | 2010 | 126.00 | 50 | 175.00 | 14259 |
| 53.00 | 317 | 83.00 | 192 | 128.00 | 848 | 176.00 | 175360 |
| 55.00 | 816 | 86.00 | 450 | 129.00 | 492 | 177.00 | 11734 |
| 56.00 | 3860 | 87.00 | 11738 | 130.00 | 823 | 178.00 | 397 |
| 57.00 | 6929 | 88.00 | 11335 | 131.00 | 358 | 193.00 | 41 |
| 58.00 | 355 | 91.00 | 872 | 133.00 | 2 | 207.00 | 343 |
| 59.00 | 114 | 92.00 | 7180 | 135.00 | 789 | 208.00 | 133 |
| 60.00 | 2519 | 93.00 | 10830 | 137.00 | 482 | 221.00 | 65 |
| 61.00 | 12747 | 94.00 | 29360 | 140.00 | 149 | 267.00 | 188 |
| 62.00 | 12527 | 95.00 | 260544 | 141.00 | 2145 | 283.00 | 39 |
| 63.00 | 10450 | 96.00 | 18008 | 142.00 | 417 | 334.00 | 50 |
| 64.00 | 1355 | 97.00 | 452 | 143.00 | 2610 | | |

Report Date: 28-Sep-2025 14:48:50 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26T01.D

Injection Date: 26-Sep-2025 07:30:52 Instrument ID: HP8R004

Lims ID: BFB

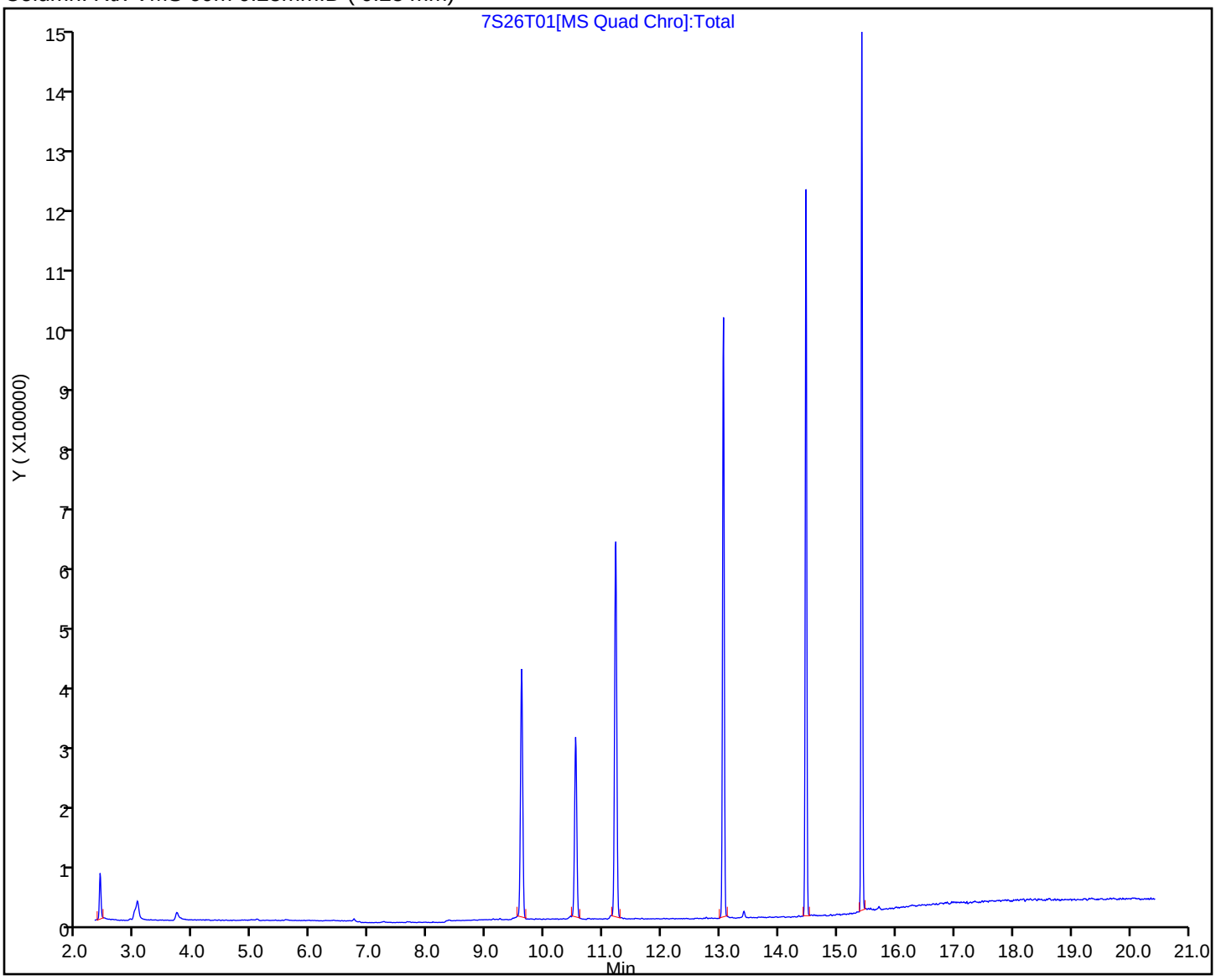
Client ID:

Operator ID: sn105465 ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-704888/7

Matrix: Air  Lab File ID: 7S26X06.D

Analysis Method: TO 15 LL  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 09/26/2025 10:25

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 704888  Units: ug/m3

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | U | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 12 | U | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.69 | U | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |
| 71-43-2 | Benzene | 0.64 | U | 0.64 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-704888/7

Matrix: Air
Lab File ID: 7S26X06.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 10:25

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.75 | U | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-704888/7

Matrix: Air
Lab File ID: 7S26X06.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 10:25

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-Sep-2025 10:25:50 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0161031-006
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:46:44 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: JXC9 Date: 28-Sep-2025 13:50:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 9 Chloroethane | 64 | 4.923 | 4.916 | 0.007 | 1 | 1998 | | 0.1300 | |
| 11 Pentane | 43 | 5.604 | 5.589 | 0.015 | 50 | 1765 | | NC | |
| 14 Ethanol | 45 | 5.718 | 5.661 | 0.057 | 6 | 1024 | | NC | |
| 19 Acrolein | 56 | 6.191 | 6.148 | 0.043 | 48 | 2080 | | NC | |
| 23 Acetone | 43 | 6.406 | 6.377 | 0.029 | 95 | 17884 | | 0.3940 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.630 | 9.615 | 0.015 | 94 | 305453 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.546 | 10.539 | 0.007 | 0 | 515618 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.007 | 96 | 1104329 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.061 | 13.053 | 0.008 | 95 | 1214353 | NC | NC | |
| 58 n-Octane | 43 | 13.247 | 13.240 | 0.007 | 1 | 1797 | | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.464 | 0.008 | 90 | 1064998 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:47:54 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X06.D

Injection Date: 26-Sep-2025 10:25:50 Instrument ID: HP8R004

Lims ID: MB

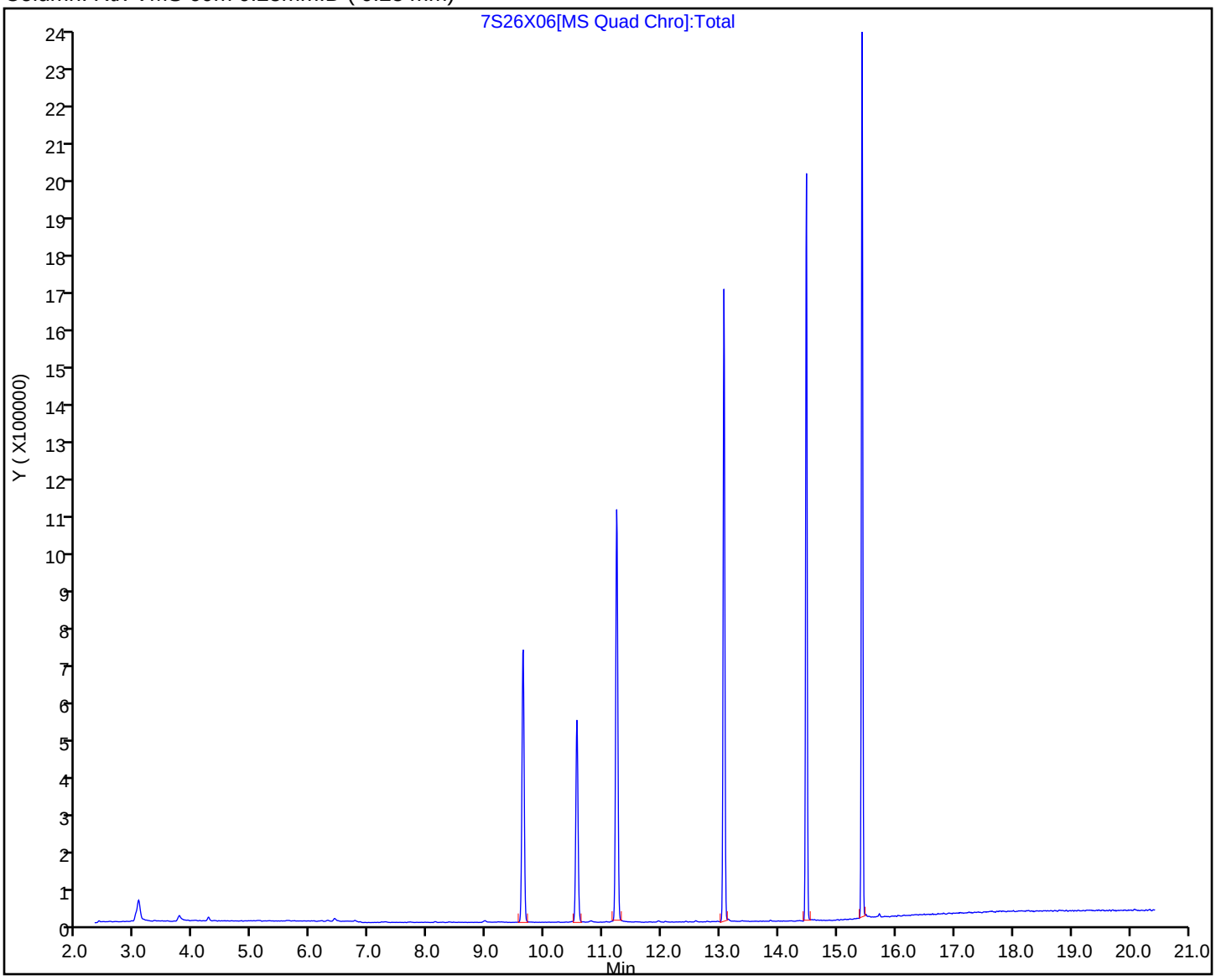
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-705851/7

Matrix: Air
Lab File ID: 6S28X06X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 21:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 1.0 | U | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 1.3 | U | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.88 | U | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 12 | U | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 1.6 | U | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 0.69 | U | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 |
| 71-43-2 | Benzene | 0.64 | U | 0.64 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-705851/7

Matrix: Air
Lab File ID: 6S28X06X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 21:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 107-06-2 | 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 2.1 | U | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 18 | U | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.1 | U | 2.1 | 0.53 |
| 108-88-3 | Toluene | 0.75 | U | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 2.1 | U | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 1.7 | U | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.87 | U | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 0.87 | U | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 2.2 | U | 2.2 | 0.061 |
| 100-42-5 | Styrene | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-705851/7

Matrix: Air
Lab File ID: 6S28X06X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 21:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X06X.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Sep-2025 21:28:53 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0161263-007
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:11:24 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.666 | 1.625 | 0.041 | 1 | 572 | | NC | |
| 11 Pentane | 43 | 2.813 | 2.809 | 0.004 | 42 | 1283 | | NC | |
| 14 Ethanol | 45 | 3.079 | 3.072 | 0.007 | 73 | 2609 | | NC | |
| 19 Acrolein | 56 | 3.338 | 3.319 | 0.019 | 56 | 1484 | | NC | |
| 18 Iodomethane | 142 | 3.589 | 3.540 | 0.049 | 24 | 630 | | NC | |
| 28 Acetonitrile | 41 | 3.934 | 3.889 | 0.045 | 60 | 672 | | NC | |
| 39 Methyl acrylate | 55 | 5.463 | 5.471 | -0.008 | 14 | 533 | | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 94 | 440951 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.295 | 0.012 | 0 | 751468 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.333 | 6.371 | -0.038 | 36 | 503 | | NC | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.756 | 0.008 | 96 | 1895338 | 10.0 | 10.0 | |
| 52 Ethyl acrylate | 55 | 7.146 | 7.180 | -0.034 | 38 | 851 | | NC | |
| 51 Dibromomethane | 174 | 7.487 | 7.488 | -0.001 | 86 | 907 | | NC | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.466 | 0.004 | 94 | 2153589 | NC | NC | |
| 58 n-Octane | 43 | 8.575 | 8.590 | -0.015 | 40 | 1822 | | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.965 | 0.004 | 90 | 1865063 | 10.0 | 10.0 | |
| 78 Bromobenzene | 156 | 10.914 | 11.008 | -0.094 | 44 | 517 | | NC | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

AIRIS200 ppb_00531 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Sep-2025 13:11:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X06X.D

Injection Date: 28-Sep-2025 21:28:53 Instrument ID: HP26379

Lims ID: MB

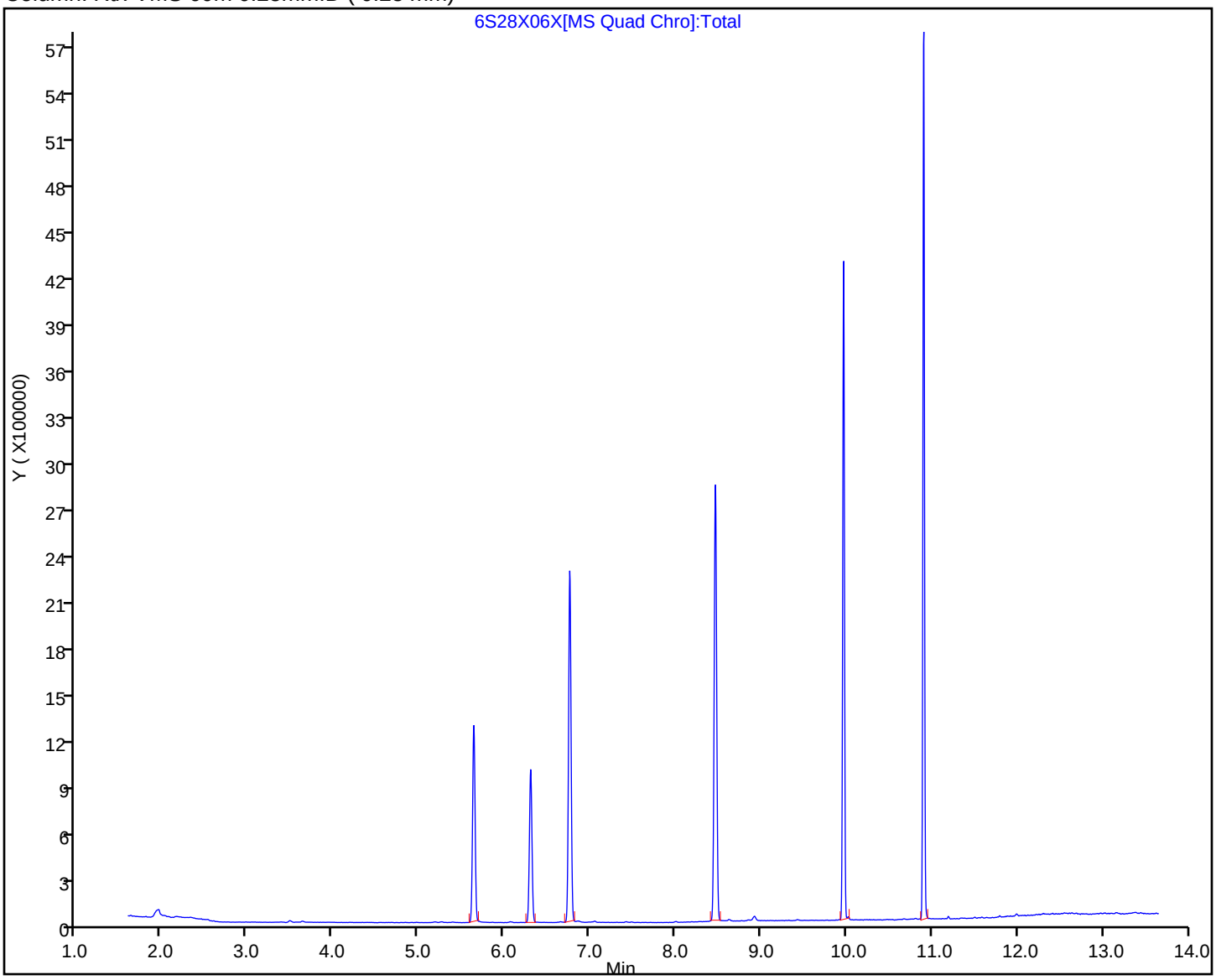
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-704888/4

Matrix: Air
Lab File ID: 7S26X03.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 08:56

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 24.4 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 20.2 | | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 38.1 | | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 11.0 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 13.9 | | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 10.6 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 19.9 | | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 12.3 | | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 19.6 | | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 29.1 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 42.2 | | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 21.0 | | 0.20 | 0.10 |
| 67-64-1 | Acetone | 11.6 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 11.8 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 13.0 | | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 14.1 | | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 17.4 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 19.6 | | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 17.8 | | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.0 | | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 16.0 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 19.4 | | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 14.7 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.8 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 23.2 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 13.5 | J | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 27.6 | | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 16.5 | | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 32.6 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 22.9 | | 0.93 | 0.18 |
| 71-43-2 | Benzene | 14.3 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 19.1 | | 0.81 | 0.38 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-704888/4

Matrix: Air
Lab File ID: 7S26X03.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 08:56

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 142-82-5 | n-Heptane | 19.3 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 24.0 | | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 19.8 | | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 20.7 | | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 20.3 | | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 30.0 | | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.9 | | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.1 | | 2.1 | 0.53 |
| 108-88-3 | Toluene | 17.1 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 22.7 | | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 25.6 | | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 32.7 | | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 21.0 | | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 40.3 | | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 35.2 | | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 19.9 | | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 19.5 | | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 20.7 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 19.3 | | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 40.0 | | 2.2 | 0.061 |
| 100-42-5 | Styrene | 19.8 | | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 48.7 | | 2.1 | 1.2 |
| 98-82-8 | Cumene | 23.0 | | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 29.2 | | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 22.0 | | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 22.6 | | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 22.7 | | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 23.5 | | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 26.4 | | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 21.5 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 23.7 | | 1.1 | 0.25 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-704888/4

Matrix: Air
Lab File ID: 7S26X03.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 08:56

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 99-87-6 | 4-Isopropyltoluene | 22.6 | | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 25.2 | | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 24.6 | | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 20.9 | | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 21.7 | | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 24.5 | | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 33.5 | | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 43.9 | | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 23.3 | | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Sep-2025 08:56:35 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 410-0161031-004
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:48:35 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: D7UM Date: 26-Sep-2025 10:33:59

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.297 | 3.311 | -0.014 | 97 | 111146 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 3.362 | 3.376 | -0.014 | 87 | 346810 | 5.00 | 4.94 | |
| 3 Chlorodifluoromethane | 51 | 3.398 | 3.412 | -0.014 | 72 | 226751 | 5.00 | 5.70 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 3.627 | 3.648 | -0.021 | 96 | 340619 | 5.00 | 5.45 | |
| 5 Chloromethane | 50 | 3.756 | 3.770 | -0.014 | 100 | 134429 | 5.00 | 5.35 | |
| 6 Vinyl chloride | 62 | 3.999 | 4.013 | -0.014 | 84 | 138828 | 5.00 | 5.42 | |
| 7 Butadiene | 54 | 4.078 | 4.099 | -0.021 | 93 | 94990 | 5.00 | 4.79 | |
| 8 Bromomethane | 94 | 4.687 | 4.701 | -0.014 | 91 | 97772 | 5.00 | 5.13 | |
| 9 Chloroethane | 64 | 4.902 | 4.916 | -0.014 | 94 | 71948 | 5.00 | 4.65 | |
| 10 Vinyl bromide | 106 | 5.260 | 5.274 | -0.014 | 97 | 110985 | 5.00 | 4.47 | |
| 13 Dichlorofluoromethane | 67 | 5.317 | 5.331 | -0.014 | 82 | 324823 | NC | NC | |
| 12 Trichlorofluoromethane | 101 | 5.396 | 5.410 | -0.014 | 86 | 331628 | 5.00 | 5.18 | |
| 11 Pentane | 43 | 5.575 | 5.589 | -0.014 | 95 | 237845 | NC | NC | |
| 14 Ethanol | 45 | 5.647 | 5.661 | -0.014 | 52 | 45858 | NC | NC | |
| 19 Acrolein | 56 | 6.141 | 6.148 | -0.007 | 93 | 52632 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 6.342 | 6.349 | -0.007 | 85 | 229089 | 5.00 | 5.29 | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 6.363 | 6.377 | -0.014 | 88 | 175504 | 5.00 | 5.50 | |
| 23 Acetone | 43 | 6.370 | 6.377 | -0.007 | 99 | 222669 | 5.00 | 4.87 | |
| 20 Isopropyl alcohol | 45 | 6.585 | 6.592 | -0.007 | 88 | 162676 | 5.00 | 4.81 | |
| 18 Iodomethane | 142 | 6.599 | 6.614 | -0.015 | 98 | 250079 | NC | NC | |
| 17 Carbon disulfide | 76 | 6.750 | 6.757 | -0.007 | 99 | 383211 | 5.00 | 4.19 | |
| 28 Acetonitrile | 41 | 6.822 | 6.829 | -0.007 | 98 | 129921 | NC | NC | |
| 21 3-Chloro-1-propene | 41 | 6.972 | 6.979 | -0.007 | 89 | 189249 | 5.00 | 4.49 | |
| 22 Methylene Chloride | 84 | 7.180 | 7.194 | -0.014 | 94 | 121047 | 5.00 | 5.00 | |
| 27 2-Methyl-2-propanol | 59 | 7.287 | 7.294 | -0.007 | 96 | 180894 | 5.55 | 6.45 | |
| 31 Acrylonitrile | 53 | 7.524 | 7.538 | -0.014 | 98 | 122560 | NC | NC | |
| 26 Methyl tert-butyl ether | 73 | 7.624 | 7.638 | -0.014 | 91 | 326987 | 5.00 | 4.93 | |
| 24 trans-1,2-Dichloroethene | 61 | 7.652 | 7.667 | -0.015 | 91 | 208472 | 5.00 | 4.53 | |
| 25 Hexane | 56 | 8.104 | 8.111 | -0.007 | 94 | 107840 | 5.00 | 4.54 | |
| 33 Vinyl acetate | 86 | 8.326 | 8.326 | 0.000 | 97 | 26712 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 8.347 | 8.354 | -0.007 | 85 | 268773 | 5.00 | 4.79 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Isopropyl ether | 45 | 8.390 | 8.397 | -0.007 | 95 | 485664 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 8.963 | 8.970 | -0.007 | 90 | 388509 | NC | NC | |
| 43 2-Butanone (MEK) | 72 | 9.178 | 9.178 | 0.000 | 99 | 64557 | 5.00 | 4.97 | |
| 34 cis-1,2-Dichloroethene | 61 | 9.236 | 9.243 | -0.007 | 70 | 247984 | 5.00 | 4.75 | |
| 38 Ethyl acetate | 70 | 9.243 | 9.250 | -0.007 | 88 | 32604 | NC | NC | |
| 39 Methyl acrylate | 55 | 9.321 | 9.328 | -0.007 | 87 | 245807 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 9.608 | 9.615 | -0.007 | 89 | 307392 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 9.637 | 9.636 | 0.001 | 89 | 171818 | 5.00 | 4.57 | |
| 37 Chloroform | 83 | 9.751 | 9.758 | -0.007 | 69 | 299485 | 5.00 | 4.76 | |
| 42 1,1,1-Trichloroethane | 97 | 10.045 | 10.052 | -0.007 | 59 | 280697 | 5.00 | 5.06 | |
| 36 Cyclohexane | 56 | 10.188 | 10.188 | 0.000 | 93 | 209946 | 5.00 | 4.79 | |
| 40 Carbon tetrachloride | 117 | 10.303 | 10.310 | -0.007 | 77 | 265966 | 5.00 | 5.18 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.539 | -0.007 | 0 | 513886 | NC | NC | |
| 46 Benzene | 78 | 10.589 | 10.596 | -0.007 | 92 | 426596 | 5.00 | 4.47 | |
| 48 1,2-Dichloroethane | 62 | 10.654 | 10.661 | -0.007 | 86 | 207783 | 5.00 | 4.72 | |
| 47 Tert-amyl methyl ether | 73 | 10.768 | 10.768 | 0.000 | 63 | 351296 | NC | NC | |
| 44 Isooctane | 57 | 10.776 | 10.783 | -0.007 | 93 | 715877 | 5.00 | 4.90 | |
| 45 n-Heptane | 71 | 11.019 | 11.026 | -0.007 | 95 | 135636 | 5.00 | 4.70 | |
| * 50 1,4-Difluorobenzene | 114 | 11.213 | 11.220 | -0.007 | 96 | 1180538 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 11.585 | 11.585 | 0.000 | 91 | 169390 | 5.00 | 4.46 | |
| 52 Ethyl acrylate | 55 | 11.635 | 11.635 | 0.000 | 93 | 315255 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 11.929 | 11.929 | 0.000 | 75 | 178297 | 5.00 | 4.49 | |
| 55 Methyl methacrylate | 69 | 11.943 | 11.943 | 0.000 | 89 | 145467 | 5.00 | 4.83 | |
| 56 1,4-Dioxane | 88 | 11.993 | 11.993 | 0.000 | 96 | 72501 | 5.00 | 5.62 | |
| 51 Dibromomethane | 174 | 12.043 | 12.043 | 0.000 | 81 | 147266 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 12.244 | 12.244 | 0.000 | 93 | 311135 | 5.00 | 4.47 | |
| 57 cis-1,3-Dichloropropene | 75 | 12.745 | 12.745 | 0.000 | 89 | 244903 | 5.00 | 4.38 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 12.867 | 12.867 | 0.000 | 98 | 360911 | 5.00 | 4.91 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1281195 | NC | NC | |
| 59 Toluene | 91 | 13.132 | 13.132 | 0.000 | 92 | 502606 | 5.00 | 4.53 | |
| 58 n-Octane | 43 | 13.240 | 13.240 | 0.000 | 88 | 368980 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 13.340 | 13.340 | 0.000 | 93 | 222929 | 5.00 | 5.01 | |
| 63 Ethyl methacrylate | 69 | 13.369 | 13.368 | 0.001 | 91 | 243494 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 13.548 | 13.548 | 0.000 | 87 | 174649 | 5.00 | 4.69 | |
| 61 Tetrachloroethene | 166 | 13.669 | 13.669 | 0.000 | 93 | 230767 | 5.00 | 4.83 | |
| 67 2-Hexanone | 43 | 13.720 | 13.719 | 0.001 | 95 | 346434 | 5.00 | 5.13 | |
| 65 Chlorodibromomethane | 127 | 13.935 | 13.934 | 0.001 | 91 | 226432 | 5.00 | 4.73 | |
| 66 Ethylene Dibromide | 107 | 14.063 | 14.063 | 0.000 | 98 | 255784 | 5.00 | 4.58 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 88 | 1077365 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 14.493 | 14.493 | 0.000 | 93 | 363107 | 5.00 | 4.32 | |
| 70 Ethylbenzene | 91 | 14.558 | 14.558 | 0.000 | 71 | 600689 | 5.00 | 4.48 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 14.558 | 14.558 | 0.000 | 47 | 191242 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 14.665 | 14.665 | 0.000 | 96 | 473995 | 5.00 | 4.77 | |
| 73 o-Xylene | 91 | 14.988 | 14.987 | 0.001 | 92 | 438158 | 5.00 | 4.44 | |
| 74 Styrene | 104 | 15.002 | 15.002 | 0.000 | 90 | 332809 | 5.00 | 4.64 | |
| 75 Bromoform | 173 | 15.174 | 15.174 | 0.000 | 95 | 244190 | 5.00 | 4.71 | |
| 76 Isopropylbenzene | 105 | 15.267 | 15.267 | 0.000 | 97 | 578453 | 5.00 | 4.68 | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 15.482 | 15.482 | 0.000 | 63 | 361069 | 5.00 | 4.25 | M |
| 83 1,2,3-Trichloropropane | 110 | 15.539 | 15.539 | 0.000 | 58 | 90961 | NC | NC | |
| 78 Bromobenzene | 156 | 15.546 | 15.546 | 0.000 | 85 | 185925 | NC | NC | |
| 77 N-Propylbenzene | 120 | 15.582 | 15.582 | 0.000 | 86 | 150157 | 5.00 | 4.47 | |
| 80 4-Ethyltoluene | 105 | 15.668 | 15.668 | 0.000 | 87 | 569157 | 5.00 | 4.60 | M |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 81 2-Chlorotoluene | 126 | 15.668 | 15.668 | 0.000 | 92 | 145639 | 5.00 | 4.54 | |
| 82 1,3,5-Trimethylbenzene | 105 | 15.697 | 15.697 | 0.001 | 65 | 456992 | 5.00 | 4.62 | Ma |
| 84 Alpha Methyl Styrene | 118 | 15.861 | 15.861 | 0.000 | 91 | 205808 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 15.947 | 15.947 | 0.000 | 91 | 474514 | 5.00 | 4.81 | |
| 86 1,2,4-Trimethylbenzene | 105 | 15.983 | 15.983 | 0.000 | 98 | 458166 | 5.00 | 4.38 | |
| 87 sec-Butylbenzene | 105 | 16.105 | 16.105 | 0.000 | 96 | 647628 | 5.00 | 4.32 | |
| 88 4-Isopropyltoluene | 119 | 16.205 | 16.205 | 0.000 | 96 | 490856 | 5.00 | 4.12 | |
| 89 1,3-Dichlorobenzene | 146 | 16.227 | 16.227 | 0.000 | 95 | 290619 | 5.00 | 4.19 | |
| 90 1,4-Dichlorobenzene | 146 | 16.298 | 16.305 | -0.007 | 90 | 285855 | 5.00 | 4.10 | |
| 92 Benzyl chloride | 126 | 16.370 | 16.370 | 0.000 | 86 | 66017 | 5.00 | 4.03 | |
| 91 n-Butylbenzene | 92 | 16.506 | 16.506 | 0.000 | 98 | 254149 | 5.00 | 3.96 | |
| 94 1,2-Dichlorobenzene | 146 | 16.578 | 16.578 | 0.000 | 95 | 261598 | 5.00 | 4.08 | |
| 93 Hexachloroethane | 117 | 16.814 | 16.814 | 0.000 | 91 | 92229 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 17.179 | 17.179 | 0.000 | 74 | 122510 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 17.881 | 17.881 | 0.000 | 92 | 195490 | 5.00 | 4.51 | |
| 96 Hexachlorobutadiene | 225 | 17.982 | 17.982 | 0.000 | 94 | 160636 | 5.00 | 4.12 | |
| 98 Naphthalene | 128 | 18.161 | 18.161 | 0.000 | 98 | 456788 | 5.80 | 4.44 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 456456 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 9.39 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 912153 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| AIRLCS10.0_00567 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00532 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 28-Sep-2025 14:48:40 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X03.D

Injection Date: 26-Sep-2025 08:56:35 Instrument ID: HP8R004

Lims ID: LCS

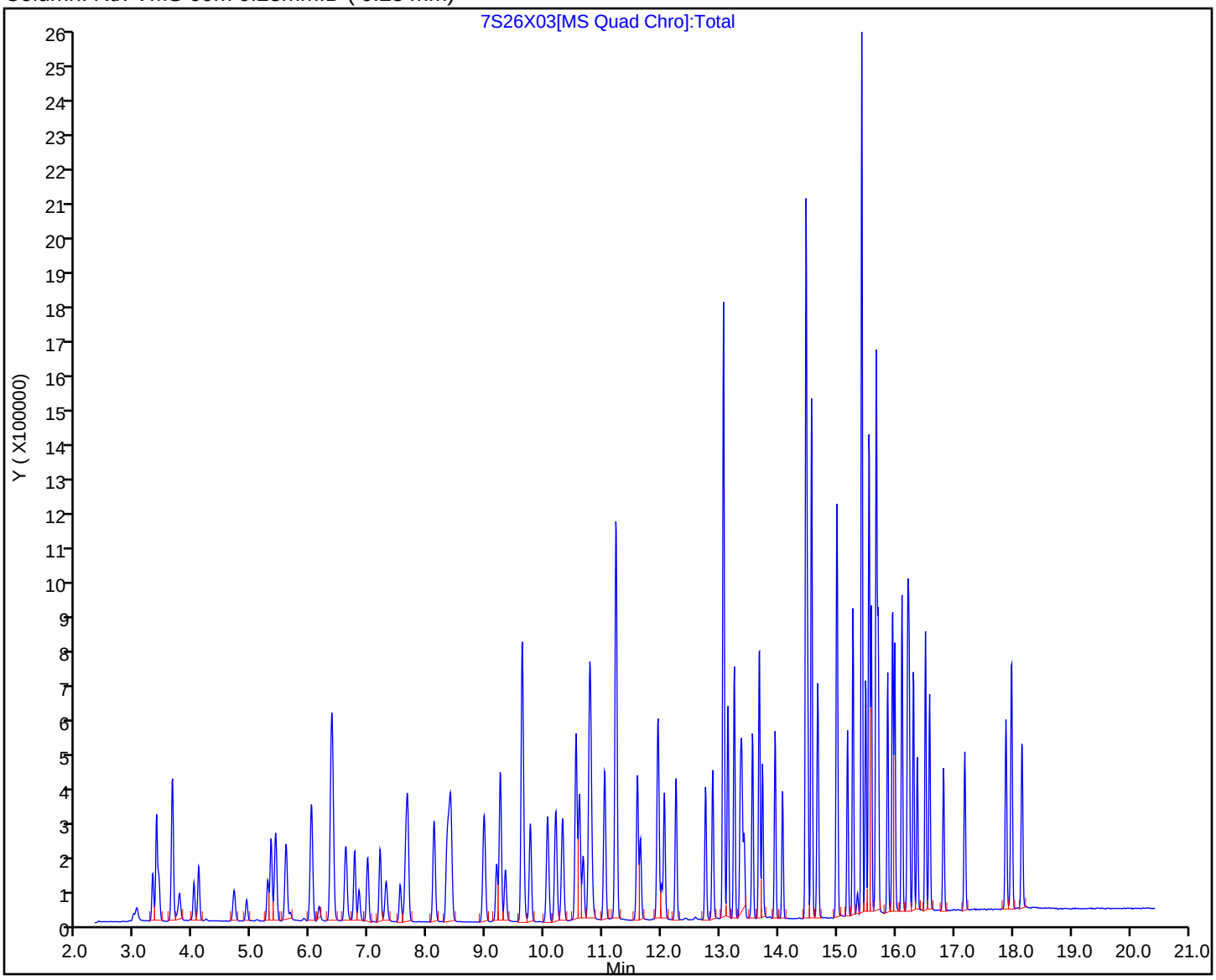
Client ID:

Operator ID: sn105465 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

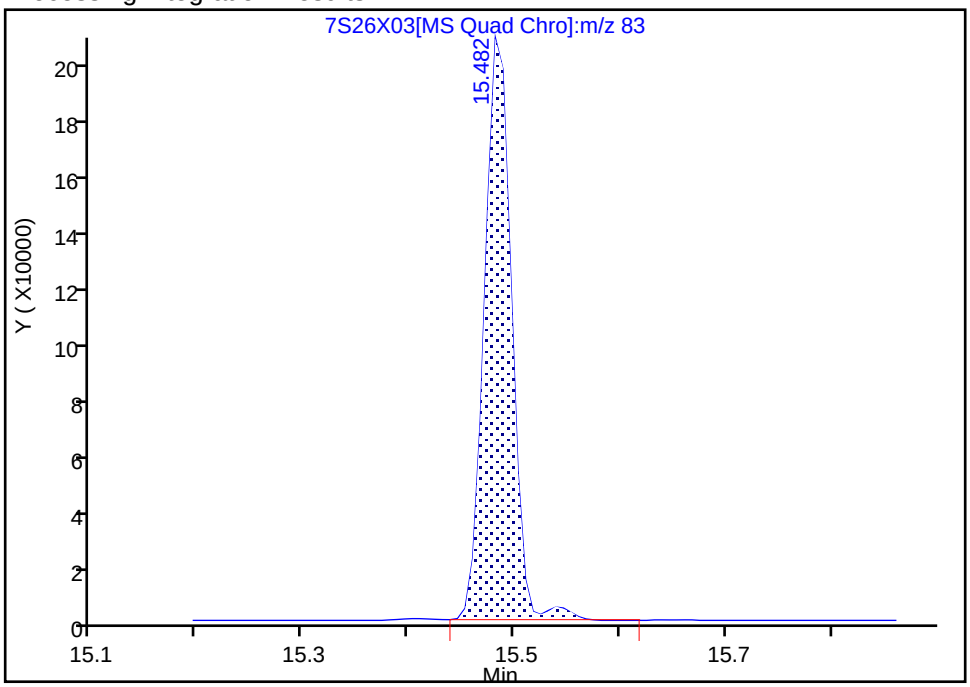
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X03.D | | | | |
| Injection Date: | 26-Sep-2025 08:56:35 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

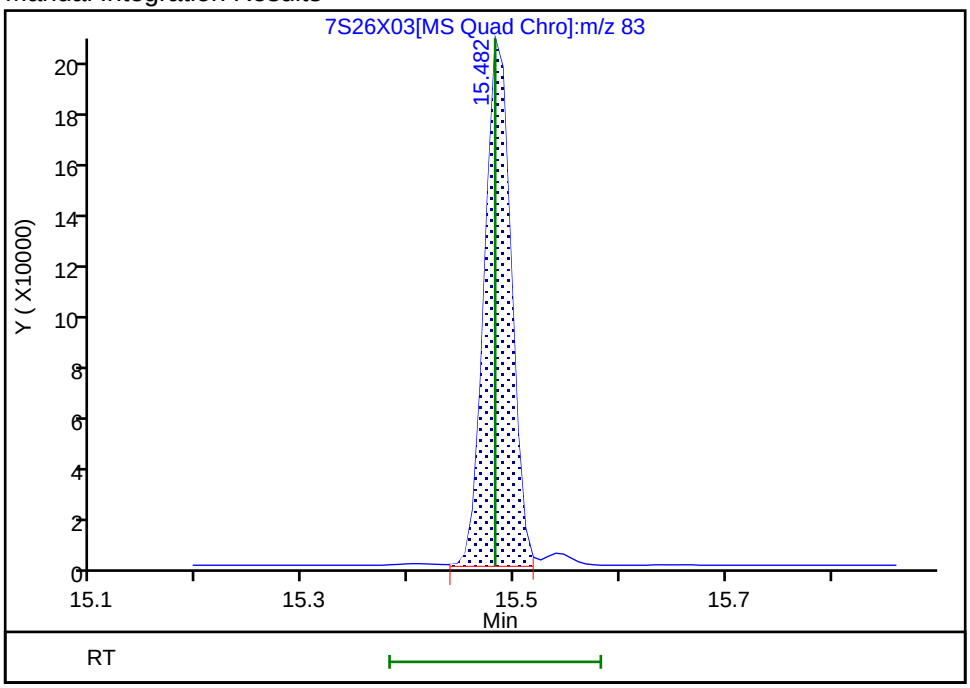
Processing Integration Results

RT: 15.48
Area: 370147
Amount: 4.358319
Amount Units: ppb v/v




Manual Integration Results

RT: 15.48
Area: 361069
Amount: 4.251430
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:48:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

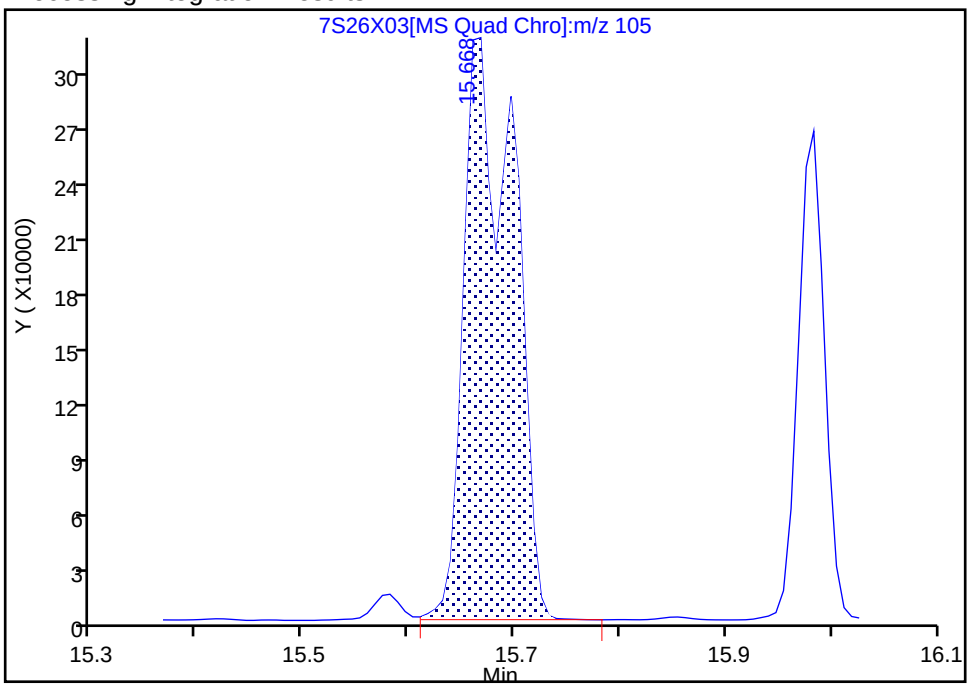
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X03.D | | | | |
| Injection Date: | 26-Sep-2025 08:56:35 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

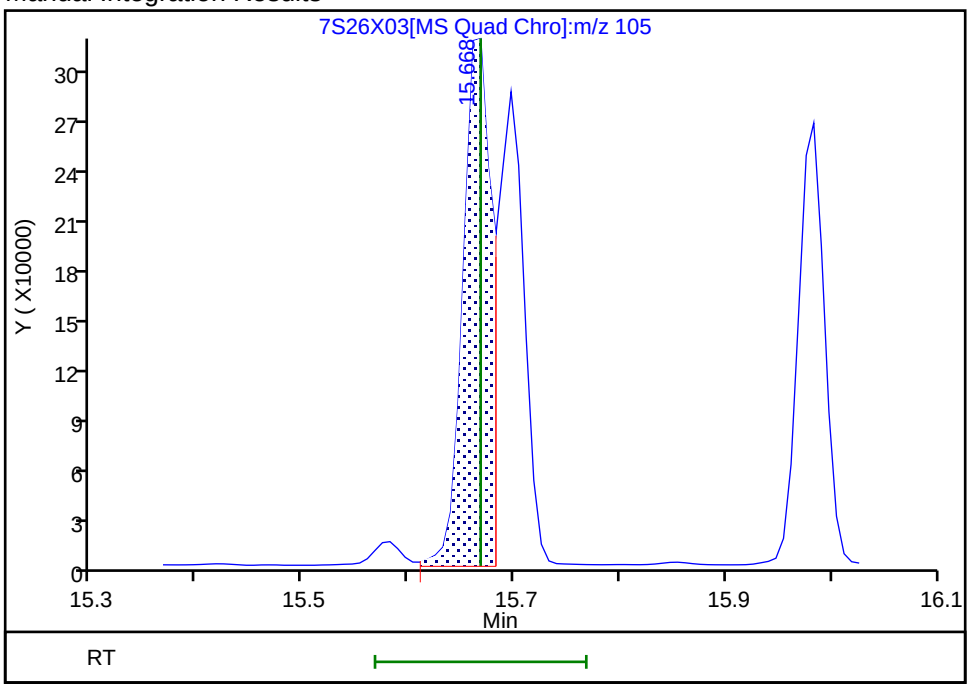
Processing Integration Results

RT: 15.67
Area: 1026149
Amount: 8.302108
Amount Units: ppb v/v




Manual Integration Results

RT: 15.67
Area: 569157
Amount: 4.604792
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:48:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

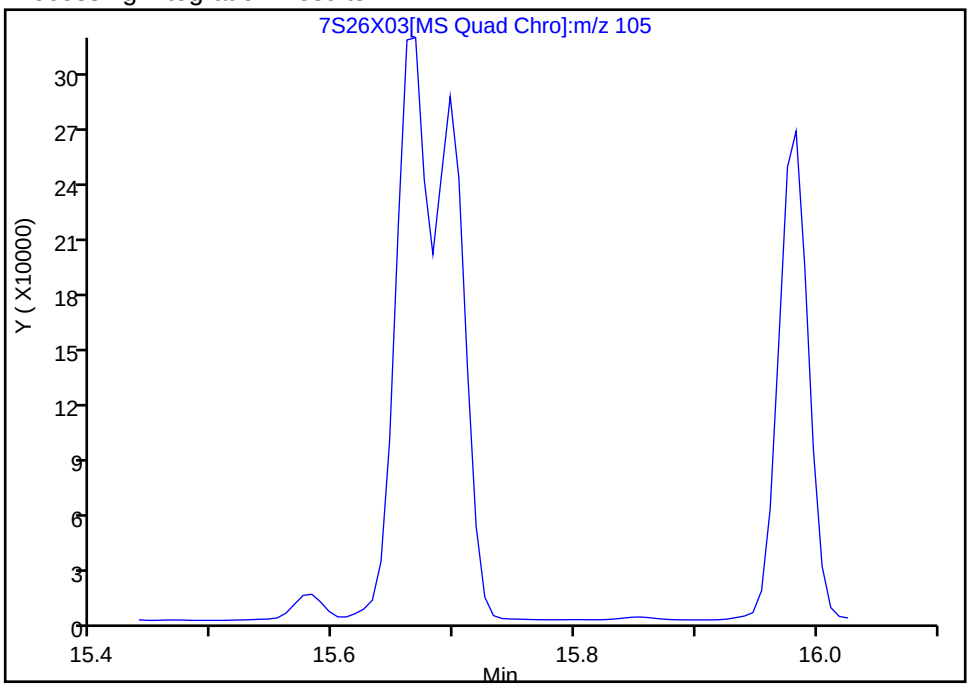
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X03.D | | | | |
| Injection Date: | 26-Sep-2025 08:56:35 | Instrument ID: | HP8R004 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP8R004 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

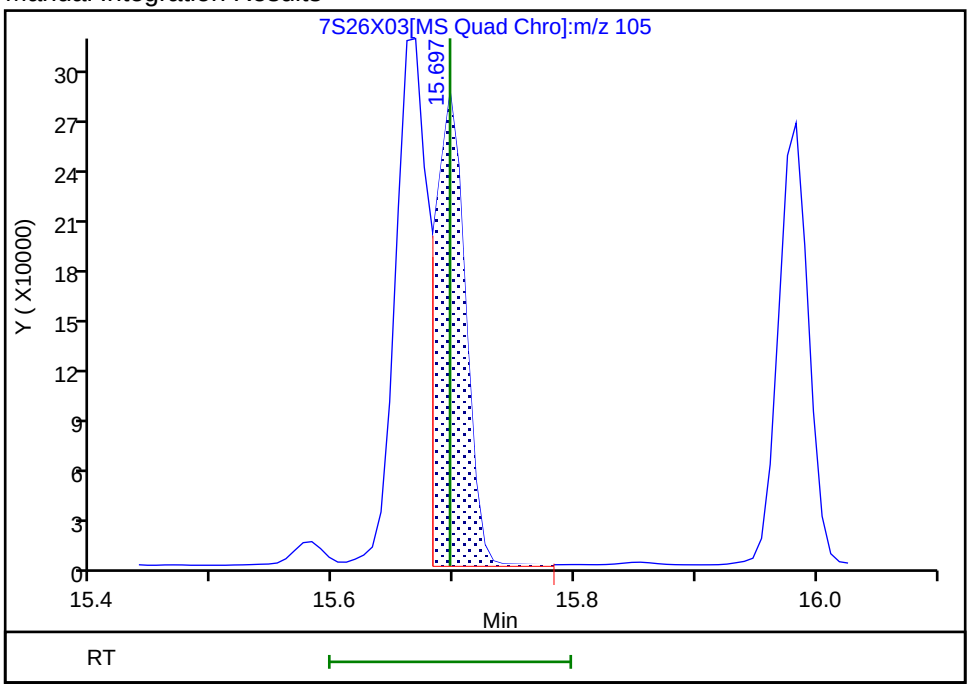
Not Detected
Expected RT: 15.70

Processing Integration Results




Manual Integration Results

RT: 15.70
Area: 456992
Amount: 4.618522
Amount Units: ppb v/v




Reviewer: JXC9, 28-Sep-2025 13:48:40 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-704888/5

Matrix: Air
Lab File ID: 7S26X04.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/26/2025 09:24

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 704888
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-97-8 | n-Butane | 9.80 | | 1.2 | 0.48 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X04.D
Lims ID: LCS Butane
Client ID:
Sample Type: LCS
Inject. Date: 26-Sep-2025 09:24:46 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: LCS Butane
Misc. Info.: 410-0161031-004
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\TO15LLMethods_HP8R004.m
Limit Group: MSV - TO15_LL_NY
Last Update: 28-Sep-2025 14:48:35 Calib Date: 08-Sep-2025 02:41:13
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1686

First Level Reviewer: D7UM Date: 26-Sep-2025 10:34:28

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 124 Butane | 43 | 4.006 | 4.006 | 0.000 | 37 | 195463 | 5.00 | 4.12 | |
| * 35 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 91 | 308822 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 10.532 | 10.539 | -0.007 | 0 | 509872 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 96 | 1117169 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 94 | 1240043 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.464 | 0.000 | 90 | 1067296 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

AIRLCS10.0_00565 Amount Added: 100.00 Units: mL
AIRIS200 ppb_00532 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Sep-2025 14:48:48 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250925-161031.b\7S26X04.D

Injection Date: 26-Sep-2025 09:24:46 Instrument ID: HP8R004

Lims ID: LCS Butane

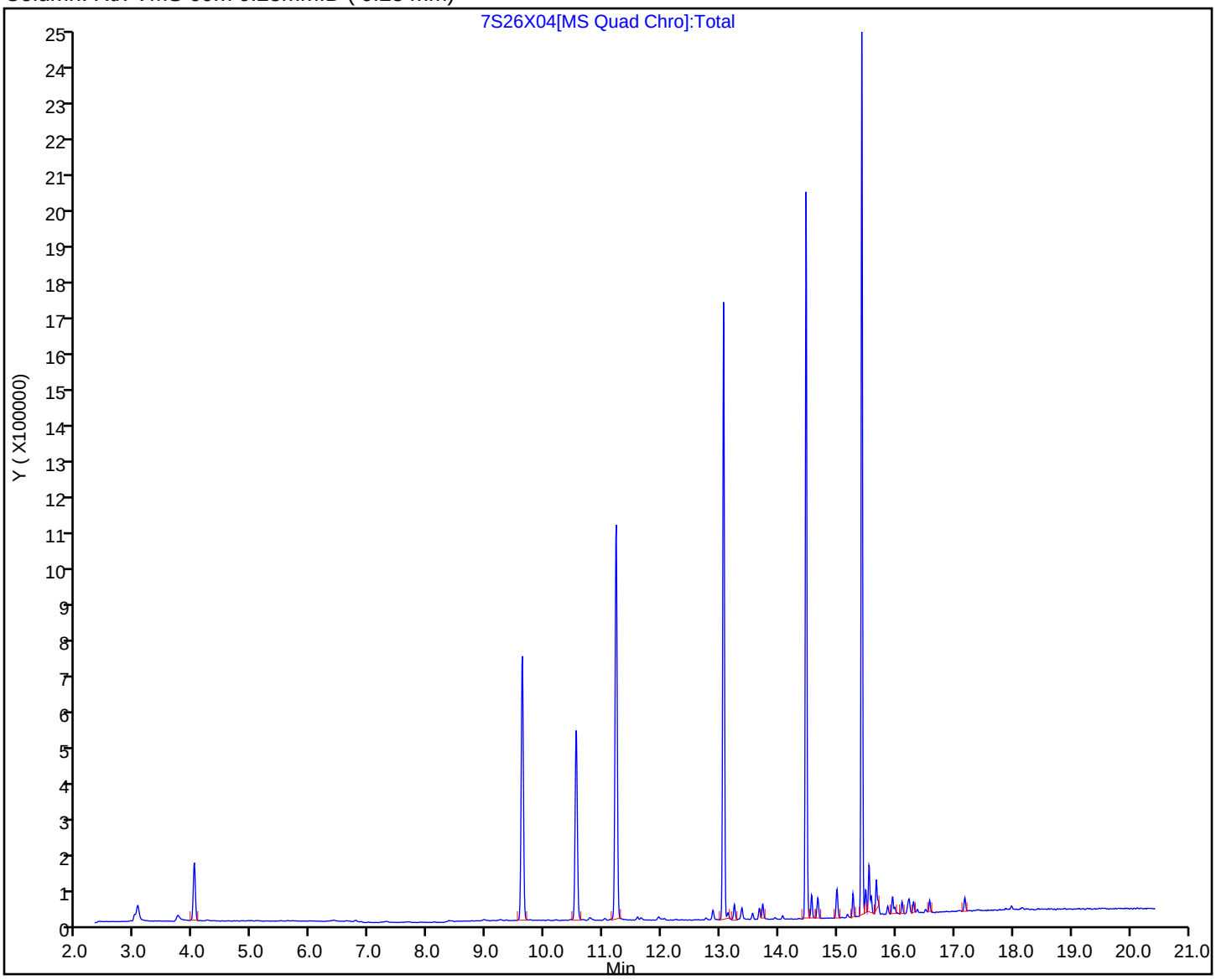
Client ID:

Operator ID: sn105465 ALS Bottle#: 5 Worklist Smp#: 5

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-705851/4

Matrix: Air
Lab File ID: 6S28X03X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:19

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 24.1 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 16.7 | | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 33.7 | | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 9.01 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 12.4 | | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 9.46 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 22.1 | | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 11.9 | | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 20.1 | | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 26.7 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 40.7 | | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 19.8 | | 0.20 | 0.10 |
| 67-64-1 | Acetone | 8.90 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 7.75 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 12.0 | | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 12.7 | | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 16.5 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 13.1 | J | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 15.1 | | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 17.7 | | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 13.8 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 19.3 | | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 12.0 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.3 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 24.1 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 11.6 | J | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 24.9 | | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 13.7 | | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 29.3 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 20.5 | | 0.93 | 0.18 |
| 71-43-2 | Benzene | 14.7 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 17.4 | | 0.81 | 0.38 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-705851/4

Matrix: Air
Lab File ID: 6S28X03X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:19

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 142-82-5 | n-Heptane | 17.4 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 26.1 | | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 15.4 | | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 18.4 | | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 15.1 | J | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 28.9 | | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 18.4 | | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 14.8 | | 2.1 | 0.53 |
| 108-88-3 | Toluene | 16.5 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 20.7 | | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 24.9 | | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 27.9 | | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 14.7 | | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 39.4 | | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 35.5 | | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 20.1 | | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 18.6 | | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 19.8 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 17.2 | | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 37.0 | | 2.2 | 0.061 |
| 100-42-5 | Styrene | 18.1 | | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 45.6 | | 2.1 | 1.2 |
| 98-82-8 | Cumene | 20.9 | | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 27.7 | | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 20.2 | | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 21.3 | | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 19.9 | | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 21.9 | | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 22.8 | | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 18.8 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 22.4 | | 1.1 | 0.25 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-705851/4

Matrix: Air
Lab File ID: 6S28X03X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:19

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 99-87-6 | 4-Isopropyltoluene | 21.2 | | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 24.7 | | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 24.0 | | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 18.8 | | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 21.1 | | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 23.3 | | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 31.2 | | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 47.9 | | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 21.1 | | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X03X.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Sep-2025 20:19:10 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 410-0161263-004
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:10:59 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

First Level Reviewer: D7UM Date: 29-Sep-2025 13:07:01

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.632 | 1.625 | 0.007 | 98 | 196954 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.662 | 1.662 | 0.000 | 99 | 602381 | 5.00 | 4.87 | |
| 3 Chlorodifluoromethane | 51 | 1.703 | 1.696 | 0.007 | 98 | 426808 | 5.00 | 4.71 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.782 | 1.782 | 0.000 | 98 | 668780 | 5.00 | 4.82 | |
| 5 Chloromethane | 50 | 1.887 | 1.880 | 0.007 | 98 | 234521 | 5.00 | 4.36 | |
| 6 Vinyl chloride | 62 | 1.988 | 1.992 | -0.004 | 98 | 284504 | 5.00 | 4.84 | |
| 7 Butadiene | 54 | 2.014 | 2.011 | 0.003 | 91 | 203061 | 5.00 | 4.27 | |
| 8 Bromomethane | 94 | 2.393 | 2.386 | 0.007 | 91 | 205732 | 5.00 | 5.69 | |
| 9 Chloroethane | 64 | 2.517 | 2.506 | 0.011 | 100 | 143464 | 5.00 | 4.52 | |
| 10 Vinyl bromide | 106 | 2.708 | 2.701 | 0.007 | 98 | 216626 | 5.00 | 4.59 | |
| 12 Trichlorofluoromethane | 101 | 2.753 | 2.746 | 0.007 | 97 | 587998 | 5.00 | 4.76 | |
| 13 Dichlorofluoromethane | 67 | 2.764 | 2.757 | 0.007 | 97 | 586286 | NC | NC | |
| 11 Pentane | 43 | 2.817 | 2.809 | 0.008 | 97 | 430080 | NC | NC | |
| 14 Ethanol | 45 | 3.068 | 3.072 | -0.004 | 99 | 107850 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.319 | 3.319 | 0.000 | 97 | 313868 | 5.00 | 5.31 | |
| 19 Acrolein | 56 | 3.323 | 3.319 | 0.004 | 45 | 110143 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.349 | 0.004 | 94 | 428830 | 5.00 | 5.00 | |
| 23 Acetone | 43 | 3.491 | 3.492 | -0.001 | 100 | 399797 | 5.00 | 3.74 | |
| 18 Iodomethane | 142 | 3.544 | 3.540 | 0.004 | 100 | 467118 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.570 | 0.004 | 99 | 645477 | 5.00 | 3.84 | |
| 20 Isopropyl alcohol | 45 | 3.638 | 3.642 | -0.004 | 98 | 447159 | 5.00 | 3.15 | |
| 21 3-Chloro-1-propene | 41 | 3.791 | 3.788 | 0.003 | 92 | 350320 | 5.00 | 4.06 | |
| 28 Acetonitrile | 41 | 3.892 | 3.889 | 0.003 | 99 | 241963 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.964 | 3.960 | 0.004 | 97 | 225313 | 5.00 | 4.75 | |
| 27 2-Methyl-2-propanol | 59 | 4.076 | 4.080 | -0.004 | 99 | 566493 | 5.55 | 4.33 | |
| 26 Methyl tert-butyl ether | 73 | 4.177 | 4.181 | -0.004 | 97 | 700077 | 5.00 | 4.18 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.200 | 0.004 | 95 | 388454 | 5.00 | 4.46 | |
| 31 Acrylonitrile | 53 | 4.312 | 4.313 | -0.001 | 98 | 219704 | NC | NC | |
| 25 Hexane | 56 | 4.410 | 4.402 | 0.008 | 93 | 211821 | 5.00 | 3.90 | |
| 29 Isopropyl ether | 45 | 4.698 | 4.699 | -0.001 | 97 | 908341 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.717 | 4.714 | 0.003 | 96 | 485944 | 5.00 | 4.76 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 4.758 | 4.755 | 0.003 | 97 | 68746 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 5.096 | 5.096 | 0.000 | 99 | 828704 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.366 | 5.362 | 0.004 | 81 | 366486 | 5.00 | 4.62 | |
| 43 2-Butanone (MEK) | 72 | 5.399 | 5.400 | -0.001 | 98 | 131498 | 5.00 | 4.06 | |
| 38 Ethyl acetate | 70 | 5.418 | 5.415 | 0.003 | 99 | 66551 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.471 | 5.471 | 0.000 | 100 | 470152 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.639 | 5.636 | 0.003 | 96 | 449758 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 5.636 | 5.636 | 0.000 | 91 | 303880 | 5.00 | 3.95 | |
| 37 Chloroform | 83 | 5.714 | 5.711 | 0.003 | 94 | 531248 | 5.00 | 4.94 | |
| 36 Cyclohexane | 56 | 5.838 | 5.834 | 0.004 | 92 | 429704 | 5.00 | 3.99 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.861 | 0.003 | 97 | 499595 | 5.00 | 4.56 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 97 | 462135 | 5.00 | 4.66 | |
| 44 Isooctane | 57 | 6.250 | 6.247 | 0.003 | 96 | 1322663 | 5.00 | 4.38 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 93 | 798034 | 5.00 | 4.60 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.303 | 0.004 | 0 | 745369 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.370 | 6.371 | -0.001 | 98 | 758674 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.389 | 0.000 | 97 | 353731 | 5.00 | 4.30 | |
| 45 n-Heptane | 71 | 6.468 | 6.468 | 0.000 | 93 | 289325 | 5.00 | 4.25 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 96 | 1935053 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.015 | 0.004 | 96 | 313431 | 5.00 | 4.86 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.180 | 0.000 | 99 | 583189 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.345 | 7.341 | 0.004 | 96 | 309316 | 5.00 | 3.99 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.450 | 0.000 | 92 | 272009 | 5.00 | 3.77 | |
| 56 1,4-Dioxane | 88 | 7.472 | 7.473 | -0.001 | 98 | 177071 | 5.00 | 4.18 | |
| 51 Dibromomethane | 174 | 7.487 | 7.488 | -0.001 | 91 | 264053 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.660 | 0.004 | 98 | 528542 | 5.00 | 4.32 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.211 | 0.000 | 95 | 461034 | 5.00 | 4.05 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.395 | 8.395 | 0.000 | 98 | 620810 | 5.00 | 3.62 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.466 | 8.466 | 0.000 | 94 | 2225298 | NC | NC | |
| 59 Toluene | 91 | 8.548 | 8.548 | 0.000 | 98 | 891399 | 5.00 | 4.38 | |
| 58 n-Octane | 43 | 8.590 | 8.590 | 0.000 | 86 | 681064 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.908 | 8.908 | 0.000 | 94 | 407224 | 5.00 | 4.57 | |
| 63 Ethyl methacrylate | 69 | 8.938 | 8.938 | 0.000 | 90 | 461202 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.099 | 9.100 | -0.001 | 92 | 303915 | 5.00 | 4.56 | |
| 61 Tetrachloroethene | 166 | 9.129 | 9.130 | -0.001 | 94 | 370436 | 5.00 | 4.12 | |
| 67 2-Hexanone | 43 | 9.332 | 9.332 | 0.000 | 97 | 569843 | 5.00 | 3.60 | |
| 65 Chlorodibromomethane | 127 | 9.463 | 9.463 | 0.000 | 90 | 356825 | 5.00 | 4.63 | |
| 66 Ethylene Dibromide | 107 | 9.579 | 9.579 | 0.000 | 98 | 441894 | 5.00 | 4.62 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.965 | 0.004 | 89 | 1888304 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.991 | 9.992 | -0.001 | 92 | 640334 | 5.00 | 4.36 | |
| 70 Ethylbenzene | 91 | 10.055 | 10.055 | 0.000 | 99 | 1113546 | 5.00 | 4.29 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.070 | 10.070 | 0.000 | 94 | 336176 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.156 | 10.157 | -0.001 | 96 | 893887 | 5.00 | 4.55 | |
| 73 o-Xylene | 91 | 10.483 | 10.457 | 0.026 | 98 | 824640 | 5.00 | 3.97 | |
| 74 Styrene | 104 | 10.505 | 10.502 | 0.003 | 95 | 611456 | 5.00 | 4.25 | |
| 75 Bromoform | 173 | 10.670 | 10.670 | 0.000 | 94 | 384286 | 5.00 | 4.41 | |
| 76 Isopropylbenzene | 105 | 10.749 | 10.749 | 0.000 | 97 | 1117250 | 5.00 | 4.26 | |
| 78 Bromobenzene | 156 | 11.011 | 11.008 | 0.003 | 97 | 324836 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.030 | 11.030 | 0.000 | 93 | 624162 | 5.00 | 4.04 | M |
| 77 N-Propylbenzene | 120 | 11.049 | 11.041 | 0.008 | 99 | 294436 | 5.00 | 4.12 | |
| 83 1,2,3-Trichloropropane | 110 | 11.071 | 11.071 | 0.000 | 84 | 172603 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.131 | 11.131 | 0.000 | 98 | 1085009 | 5.00 | 4.33 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 81 2-Chlorotoluene | 126 | 11.135 | 11.135 | 0.000 | 95 | 265269 | 5.00 | 4.23 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.176 | 11.184 | -0.008 | 95 | 892077 | 5.00 | 4.04 | |
| 84 Alpha Methyl Styrene | 118 | 11.337 | 11.337 | 0.000 | 93 | 408693 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.390 | 11.390 | 0.000 | 93 | 812160 | 5.00 | 4.15 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.435 | 11.431 | 0.004 | 98 | 854679 | 5.00 | 3.83 | |
| 87 sec-Butylbenzene | 105 | 11.536 | 11.536 | 0.000 | 95 | 1287270 | 5.00 | 4.07 | |
| 88 4-Isopropyltoluene | 119 | 11.630 | 11.630 | 0.000 | 97 | 1011033 | 5.00 | 3.86 | |
| 89 1,3-Dichlorobenzene | 146 | 11.645 | 11.645 | 0.000 | 96 | 545996 | 5.00 | 4.10 | |
| 90 1,4-Dichlorobenzene | 146 | 11.708 | 11.690 | 0.018 | 93 | 543119 | 5.00 | 3.99 | |
| 92 Benzyl chloride | 126 | 11.802 | 11.802 | 0.000 | 99 | 142153 | 5.00 | 3.64 | |
| 91 n-Butylbenzene | 92 | 11.892 | 11.889 | 0.003 | 99 | 558817 | 5.00 | 3.85 | |
| 94 1,2-Dichlorobenzene | 146 | 11.952 | 11.952 | 0.000 | 95 | 500083 | 5.00 | 3.87 | |
| 93 Hexachloroethane | 117 | 12.079 | 12.080 | -0.001 | 93 | 318450 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.451 | 12.451 | 0.000 | 78 | 262102 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.975 | 12.976 | -0.001 | 93 | 452502 | 5.00 | 4.20 | |
| 96 Hexachlorobutadiene | 225 | 13.043 | 13.043 | 0.000 | 98 | 369777 | 5.00 | 4.50 | |
| 98 Naphthalene | 128 | 13.174 | 13.174 | 0.000 | 98 | 1069919 | 5.80 | 4.02 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 754940 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 8.61 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1718527 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| AIRLCS10.0_00566 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00531 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 29-Sep-2025 13:11:04 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X03X.D

Injection Date: 28-Sep-2025 20:19:10 Instrument ID: HP26379

Lims ID: LCS

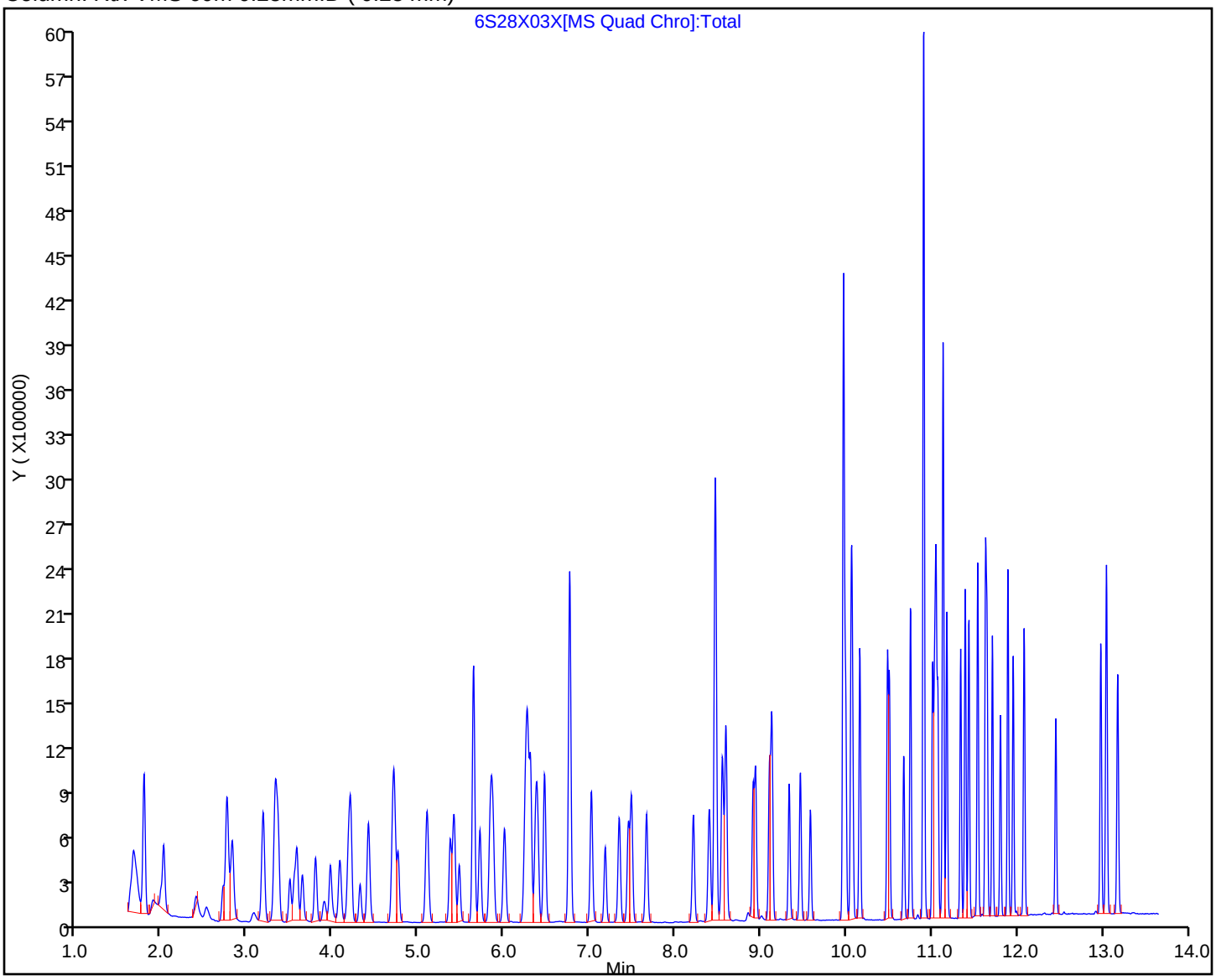
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

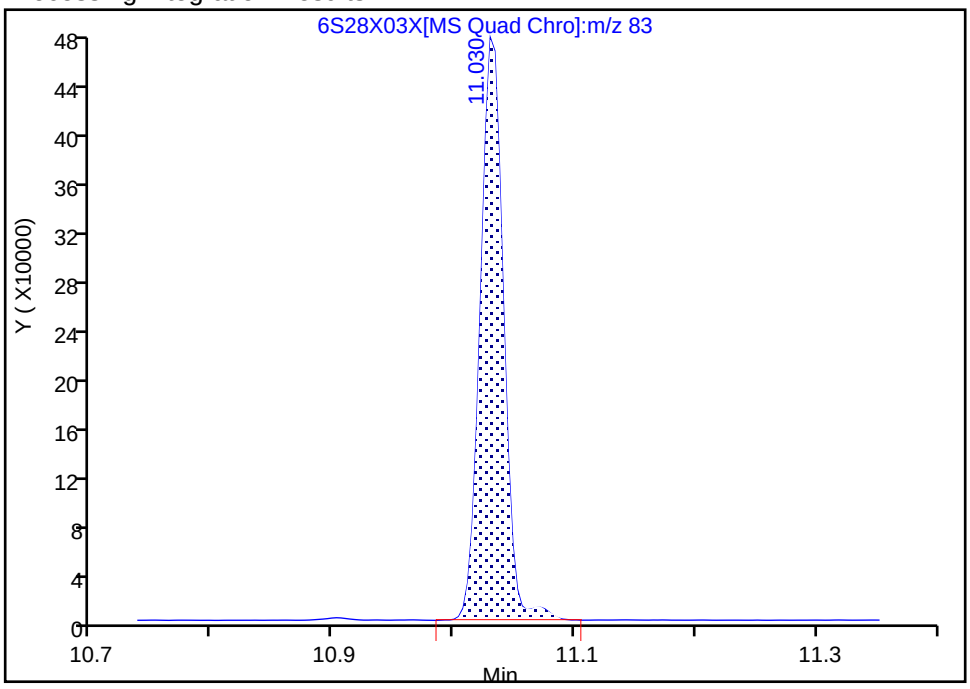
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X03X.D | | | | |
| Injection Date: | 28-Sep-2025 20:19:10 | Instrument ID: | HP26379 | | |
| Lims ID: | LCS | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

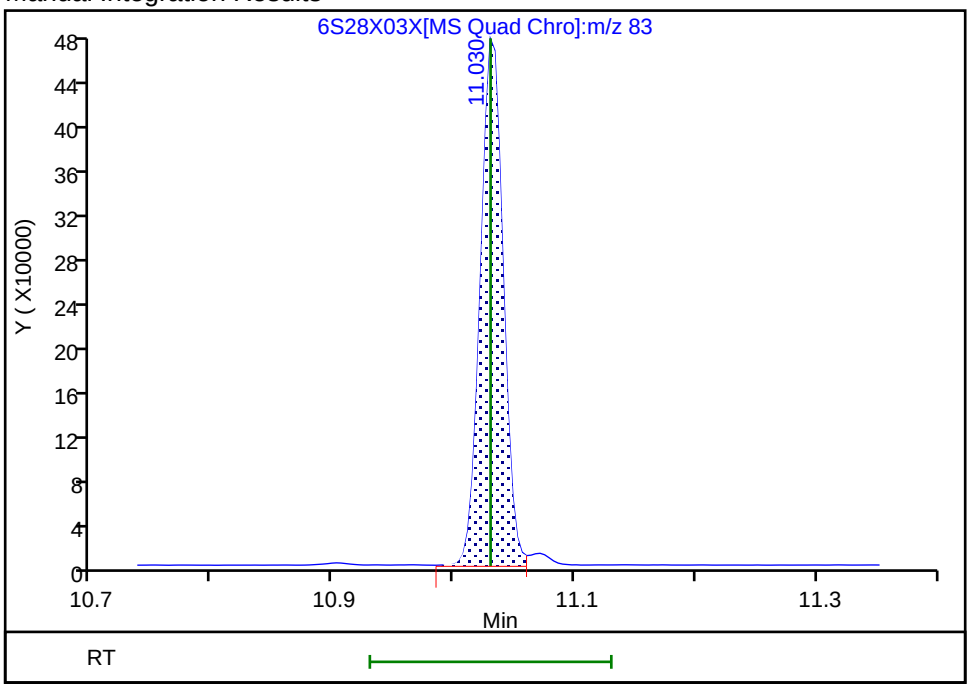
Processing Integration Results

RT: 11.03
Area: 637465
Amount: 4.123662
Amount Units: ppb v/v




Manual Integration Results

RT: 11.03
Area: 624162
Amount: 4.037607
Amount Units: ppb v/v




Reviewer: D7UM, 29-Sep-2025 13:06:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-705851/5

Matrix: Air
Lab File ID: 6S28X04X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:41

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 24.4 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 16.7 | | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 34.4 | | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 8.99 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 12.5 | | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 9.45 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 22.0 | | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 12.0 | | 1.3 | 0.48 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 20.1 | | 0.88 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 26.7 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 41.0 | | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 20.1 | | 0.20 | 0.10 |
| 67-64-1 | Acetone | 8.72 | J | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 7.76 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 12.0 | | 1.6 | 0.41 |
| 107-05-1 | 3-Chloropropene | 12.7 | | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 16.5 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 13.2 | J | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 15.1 | | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 17.7 | | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 14.1 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 19.5 | | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 12.2 | | 1.5 | 1.5 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.4 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 24.4 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 11.6 | J | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 25.0 | | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 13.9 | | 0.69 | 0.11 |
| 56-23-5 | Carbon tetrachloride | 29.2 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 20.6 | | 0.93 | 0.18 |
| 71-43-2 | Benzene | 15.0 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 17.8 | | 0.81 | 0.38 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-705851/5

Matrix: Air
Lab File ID: 6S28X04X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:41

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 142-82-5 | n-Heptane | 17.1 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 25.8 | | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 15.9 | | 2.1 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 18.5 | | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 14.8 | J | 18 | 0.17 |
| 75-27-4 | Bromodichloromethane | 28.9 | | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 18.5 | | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 14.9 | | 2.1 | 0.53 |
| 108-88-3 | Toluene | 16.7 | | 0.75 | 0.16 |
| 10061-02-6 | trans-1,3-Dichloropropene | 20.8 | | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 25.0 | | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 28.5 | | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 15.0 | | 2.1 | 0.62 |
| 124-48-1 | Dibromochloromethane | 39.1 | | 1.7 | 0.13 |
| 106-93-4 | 1,2-Dibromoethane | 36.5 | | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 20.4 | | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 18.8 | | 0.87 | 0.23 |
| 179601-23-1 | m,p-Xylene | 19.5 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 17.5 | | 0.87 | 0.23 |
| 1330-20-7 | Xylene (total) | 37.0 | | 2.2 | 0.061 |
| 100-42-5 | Styrene | 18.3 | | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 45.9 | | 2.1 | 1.2 |
| 98-82-8 | Cumene | 21.1 | | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 27.9 | | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 20.4 | | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 21.2 | | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 19.7 | | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 21.6 | | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 23.3 | | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 19.1 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 22.5 | | 1.1 | 0.25 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-335451-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-705851/5

Matrix: Air
Lab File ID: 6S28X04X.D

Analysis Method: TO 15 LL
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/28/2025 20:41

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 705851
Units: ug/m3

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 99-87-6 | 4-Isopropyltoluene | 21.3 | | 1.1 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 24.5 | | 1.2 | 0.45 |
| 106-46-7 | 1,4-Dichlorobenzene | 23.6 | | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 19.4 | | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 21.2 | | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 23.4 | | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 31.4 | | 3.7 | 0.38 |
| 87-68-3 | Hexachlorobutadiene | 48.0 | | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 21.4 | | 2.0 | 1.6 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X04X.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Sep-2025 20:41:06 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 410-0161263-005
Operator ID: al109694 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL_NY
Last Update: 29-Sep-2025 13:10:59 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1729

First Level Reviewer: D7UM Date: 29-Sep-2025 13:08:52

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 1.628 | 1.625 | 0.003 | 98 | 198564 | NC | NC | |
| 2 Dichlorodifluoromethane | 85 | 1.666 | 1.662 | 0.004 | 99 | 609021 | 5.00 | 4.94 | |
| 3 Chlorodifluoromethane | 51 | 1.703 | 1.696 | 0.007 | 97 | 427085 | 5.00 | 4.72 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 1.782 | 1.782 | 0.000 | 97 | 681330 | 5.00 | 4.92 | |
| 5 Chloromethane | 50 | 1.887 | 1.880 | 0.007 | 98 | 233603 | 5.00 | 4.36 | |
| 6 Vinyl chloride | 62 | 1.992 | 1.992 | 0.000 | 97 | 286886 | 5.00 | 4.89 | |
| 7 Butadiene | 54 | 2.015 | 2.011 | 0.004 | 92 | 202625 | 5.00 | 4.27 | |
| 8 Bromomethane | 94 | 2.393 | 2.386 | 0.007 | 91 | 204575 | 5.00 | 5.67 | |
| 9 Chloroethane | 64 | 2.513 | 2.506 | 0.007 | 99 | 144279 | 5.00 | 4.56 | |
| 10 Vinyl bromide | 106 | 2.708 | 2.701 | 0.007 | 98 | 216011 | 5.00 | 4.59 | |
| 12 Trichlorofluoromethane | 101 | 2.753 | 2.746 | 0.007 | 98 | 586746 | 5.00 | 4.75 | |
| 13 Dichlorofluoromethane | 67 | 2.764 | 2.757 | 0.007 | 97 | 592185 | NC | NC | |
| 11 Pentane | 43 | 2.817 | 2.809 | 0.008 | 96 | 435453 | NC | NC | |
| 14 Ethanol | 45 | 3.068 | 3.072 | -0.004 | 98 | 110244 | NC | NC | |
| 16 1,1,2-Trichloro-1,2,2-trifluoroe | 103 | 3.323 | 3.319 | 0.004 | 97 | 315945 | 5.00 | 5.35 | |
| 19 Acrolein | 56 | 3.323 | 3.319 | 0.004 | 79 | 112586 | NC | NC | |
| 15 1,1-Dichloroethene | 61 | 3.353 | 3.349 | 0.004 | 94 | 433079 | 5.00 | 5.06 | |
| 23 Acetone | 43 | 3.492 | 3.492 | 0.000 | 100 | 391392 | 5.00 | 3.67 | |
| 18 Iodomethane | 142 | 3.544 | 3.540 | 0.004 | 100 | 470071 | NC | NC | |
| 17 Carbon disulfide | 76 | 3.574 | 3.570 | 0.004 | 99 | 646256 | 5.00 | 3.85 | |
| 20 Isopropyl alcohol | 45 | 3.638 | 3.642 | -0.004 | 98 | 446881 | 5.00 | 3.16 | |
| 21 3-Chloro-1-propene | 41 | 3.791 | 3.788 | 0.003 | 92 | 348065 | 5.00 | 4.04 | |
| 28 Acetonitrile | 41 | 3.893 | 3.889 | 0.004 | 100 | 237389 | NC | NC | |
| 22 Methylene Chloride | 84 | 3.964 | 3.960 | 0.004 | 96 | 224994 | 5.00 | 4.75 | |
| 27 2-Methyl-2-propanol | 59 | 4.076 | 4.080 | -0.004 | 99 | 568280 | 5.55 | 4.35 | |
| 26 Methyl tert-butyl ether | 73 | 4.178 | 4.181 | -0.003 | 97 | 698423 | 5.00 | 4.18 | |
| 24 trans-1,2-Dichloroethene | 61 | 4.204 | 4.200 | 0.004 | 95 | 388411 | 5.00 | 4.47 | |
| 31 Acrylonitrile | 53 | 4.312 | 4.313 | -0.001 | 100 | 222792 | NC | NC | |
| 25 Hexane | 56 | 4.410 | 4.402 | 0.008 | 93 | 216292 | 5.00 | 3.99 | |
| 29 Isopropyl ether | 45 | 4.699 | 4.699 | 0.000 | 98 | 906844 | NC | NC | |
| 30 1,1-Dichloroethane | 63 | 4.717 | 4.714 | 0.003 | 96 | 490766 | 5.00 | 4.81 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Vinyl acetate | 86 | 4.759 | 4.755 | 0.004 | 97 | 68128 | NC | NC | |
| 32 Tert-butyl ethyl ether | 59 | 5.096 | 5.096 | 0.000 | 99 | 833242 | NC | NC | |
| 34 cis-1,2-Dichloroethene | 61 | 5.366 | 5.362 | 0.004 | 81 | 367220 | 5.00 | 4.63 | |
| 43 2-Butanone (MEK) | 72 | 5.400 | 5.400 | 0.000 | 100 | 134104 | 5.00 | 4.15 | |
| 38 Ethyl acetate | 70 | 5.415 | 5.415 | 0.000 | 99 | 64867 | NC | NC | |
| 39 Methyl acrylate | 55 | 5.471 | 5.471 | 0.000 | 99 | 480961 | NC | NC | |
| * 35 Chlorobromomethane (IS) | 130 | 5.639 | 5.636 | 0.003 | 96 | 448954 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | 5.636 | 5.636 | 0.000 | 88 | 303186 | 5.00 | 3.95 | |
| 37 Chloroform | 83 | 5.714 | 5.711 | 0.003 | 94 | 536986 | 5.00 | 5.00 | |
| 36 Cyclohexane | 56 | 5.838 | 5.834 | 0.004 | 92 | 432894 | 5.00 | 4.03 | |
| 42 1,1,1-Trichloroethane | 97 | 5.864 | 5.861 | 0.003 | 97 | 500135 | 5.00 | 4.58 | |
| 40 Carbon tetrachloride | 117 | 5.999 | 5.999 | 0.000 | 97 | 458553 | 5.00 | 4.64 | |
| 44 Isooctane | 57 | 6.250 | 6.247 | 0.003 | 96 | 1328378 | 5.00 | 4.40 | |
| 46 Benzene | 78 | 6.273 | 6.273 | 0.000 | 93 | 812143 | 5.00 | 4.69 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.307 | 6.303 | 0.004 | 0 | 745354 | NC | NC | |
| 47 Tert-amyl methyl ether | 73 | 6.370 | 6.371 | -0.001 | 97 | 761356 | NC | NC | |
| 48 1,2-Dichloroethane | 62 | 6.389 | 6.389 | 0.000 | 97 | 361607 | 5.00 | 4.40 | |
| 45 n-Heptane | 71 | 6.472 | 6.468 | 0.004 | 93 | 284234 | 5.00 | 4.18 | |
| * 50 1,4-Difluorobenzene | 114 | 6.764 | 6.764 | 0.000 | 96 | 1933180 | 10.0 | 10.0 | |
| 49 Trichloroethene | 130 | 7.019 | 7.015 | 0.004 | 96 | 309180 | 5.00 | 4.80 | |
| 52 Ethyl acrylate | 55 | 7.180 | 7.180 | 0.000 | 99 | 587566 | NC | NC | |
| 53 1,2-Dichloropropane | 63 | 7.341 | 7.341 | 0.000 | 97 | 310843 | 5.00 | 4.01 | |
| 55 Methyl methacrylate | 69 | 7.450 | 7.450 | 0.000 | 91 | 279684 | 5.00 | 3.88 | |
| 56 1,4-Dioxane | 88 | 7.473 | 7.473 | 0.000 | 97 | 173164 | 5.00 | 4.09 | |
| 51 Dibromomethane | 174 | 7.488 | 7.488 | 0.000 | 93 | 264711 | NC | NC | |
| 54 Dichlorobromomethane | 83 | 7.664 | 7.660 | 0.004 | 98 | 527615 | 5.00 | 4.31 | |
| 57 cis-1,3-Dichloropropene | 75 | 8.211 | 8.211 | 0.000 | 92 | 464580 | 5.00 | 4.08 | |
| 60 4-Methyl-2-pentanone (MIBK) | 43 | 8.395 | 8.395 | 0.000 | 97 | 621862 | 5.00 | 3.63 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.466 | 8.466 | 0.000 | 94 | 2230018 | NC | NC | |
| 59 Toluene | 91 | 8.548 | 8.548 | 0.000 | 98 | 902071 | 5.00 | 4.43 | |
| 58 n-Octane | 43 | 8.590 | 8.590 | 0.000 | 86 | 686551 | NC | NC | |
| 62 trans-1,3-Dichloropropene | 75 | 8.908 | 8.908 | 0.000 | 94 | 409666 | 5.00 | 4.59 | |
| 63 Ethyl methacrylate | 69 | 8.938 | 8.938 | 0.000 | 90 | 469736 | NC | NC | |
| 64 1,1,2-Trichloroethane | 97 | 9.099 | 9.100 | -0.001 | 91 | 305585 | 5.00 | 4.59 | |
| 61 Tetrachloroethene | 166 | 9.129 | 9.130 | -0.001 | 94 | 378105 | 5.00 | 4.20 | |
| 67 2-Hexanone | 43 | 9.332 | 9.332 | 0.000 | 97 | 579115 | 5.00 | 3.66 | |
| 65 Chlorodibromomethane | 127 | 9.463 | 9.463 | 0.000 | 90 | 354387 | 5.00 | 4.60 | |
| 66 Ethylene Dibromide | 107 | 9.579 | 9.579 | 0.000 | 98 | 454290 | 5.00 | 4.75 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.965 | 9.965 | 0.000 | 90 | 1888783 | 10.0 | 10.0 | |
| 69 Chlorobenzene | 112 | 9.992 | 9.992 | 0.000 | 92 | 651224 | 5.00 | 4.43 | |
| 70 Ethylbenzene | 91 | 10.055 | 10.055 | 0.000 | 99 | 1122451 | 5.00 | 4.32 | |
| 71 1,1,1,2-Tetrachloroethane | 131 | 10.070 | 10.070 | 0.000 | 94 | 338243 | NC | NC | |
| 72 m-Xylene & p-Xylene | 91 | 10.157 | 10.157 | 0.000 | 96 | 883444 | 5.00 | 4.49 | |
| 73 o-Xylene | 91 | 10.483 | 10.457 | 0.026 | 98 | 837474 | 5.00 | 4.03 | |
| 74 Styrene | 104 | 10.505 | 10.502 | 0.003 | 95 | 618183 | 5.00 | 4.29 | |
| 75 Bromoform | 173 | 10.670 | 10.670 | 0.000 | 94 | 387063 | 5.00 | 4.44 | |
| 76 Isopropylbenzene | 105 | 10.749 | 10.749 | 0.000 | 97 | 1127677 | 5.00 | 4.30 | |
| 78 Bromobenzene | 156 | 11.008 | 11.008 | 0.000 | 97 | 331185 | NC | NC | |
| 79 1,1,2,2-Tetrachloroethane | 83 | 11.030 | 11.030 | 0.000 | 94 | 629351 | 5.00 | 4.07 | M |
| 77 N-Propylbenzene | 120 | 11.049 | 11.041 | 0.008 | 99 | 296258 | 5.00 | 4.14 | |
| 83 1,2,3-Trichloropropane | 110 | 11.071 | 11.071 | 0.000 | 84 | 170343 | NC | NC | |
| 80 4-Ethyltoluene | 105 | 11.131 | 11.131 | 0.000 | 98 | 1078854 | 5.00 | 4.30 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 81 2-Chlorotoluene | 126 | 11.135 | 11.135 | 0.000 | 94 | 262067 | 5.00 | 4.17 | |
| 82 1,3,5-Trimethylbenzene | 105 | 11.176 | 11.184 | -0.008 | 95 | 885289 | 5.00 | 4.01 | |
| 84 Alpha Methyl Styrene | 118 | 11.337 | 11.337 | 0.000 | 93 | 409205 | NC | NC | |
| 85 tert-Butylbenzene | 119 | 11.390 | 11.390 | 0.000 | 93 | 831978 | 5.00 | 4.25 | |
| 86 1,2,4-Trimethylbenzene | 105 | 11.431 | 11.431 | 0.000 | 98 | 868276 | 5.00 | 3.89 | |
| 87 sec-Butylbenzene | 105 | 11.536 | 11.536 | 0.000 | 95 | 1293567 | 5.00 | 4.09 | |
| 88 4-Isopropyltoluene | 119 | 11.630 | 11.630 | 0.000 | 97 | 1016898 | 5.00 | 3.88 | |
| 89 1,3-Dichlorobenzene | 146 | 11.645 | 11.645 | 0.000 | 96 | 543297 | 5.00 | 4.08 | |
| 90 1,4-Dichlorobenzene | 146 | 11.709 | 11.690 | 0.018 | 92 | 534499 | 5.00 | 3.92 | |
| 92 Benzyl chloride | 126 | 11.802 | 11.802 | 0.000 | 99 | 146522 | 5.00 | 3.75 | |
| 91 n-Butylbenzene | 92 | 11.888 | 11.889 | -0.001 | 99 | 559629 | 5.00 | 3.86 | |
| 94 1,2-Dichlorobenzene | 146 | 11.952 | 11.952 | 0.000 | 96 | 503084 | 5.00 | 3.89 | |
| 93 Hexachloroethane | 117 | 12.080 | 12.080 | 0.000 | 93 | 319802 | NC | NC | |
| 95 1,2-Dibromo-3-Chloropropane | 157 | 12.451 | 12.451 | 0.000 | 78 | 260536 | NC | NC | |
| 97 1,2,4-Trichlorobenzene | 180 | 12.976 | 12.976 | 0.000 | 94 | 455842 | 5.00 | 4.23 | |
| 96 Hexachlorobutadiene | 225 | 13.043 | 13.043 | 0.000 | 97 | 370497 | 5.00 | 4.50 | |
| 98 Naphthalene | 128 | 13.174 | 13.174 | 0.000 | 98 | 1089878 | 5.80 | 4.09 | |
| S 100 1,2-Dichloroethene, Total | 61 | | | | 0 | 755631 | 10.0 | 0 | |
| S 109 1,3-Dichloropropene, Total | 75 | | | | 0 | | 10.0 | 8.68 | |
| S 101 Xylenes, Total | 91 | | | | 0 | 1720918 | 10.0 | 0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| AIRLCS10.0_00566 | Amount Added: 100.00 | Units: mL | |
| AIRIS200 ppb_00531 | Amount Added: 10.00 | Units: mL | Run Reagent |

Report Date: 29-Sep-2025 13:11:14 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X04X.D

Injection Date: 28-Sep-2025 20:41:06 Instrument ID: HP26379

Lims ID: LCSD

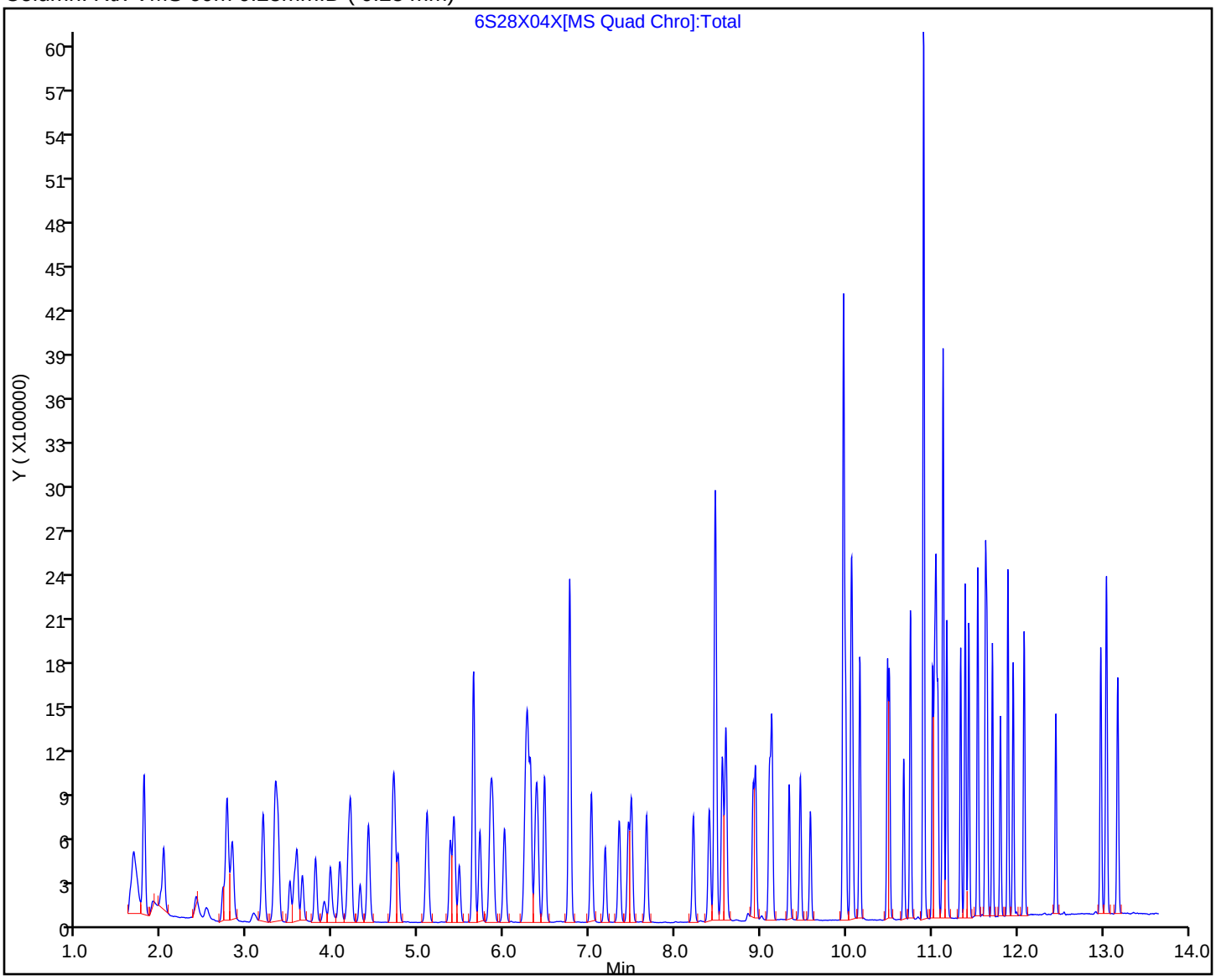
Client ID:

Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)






10/16/2025
9:18:09 AM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

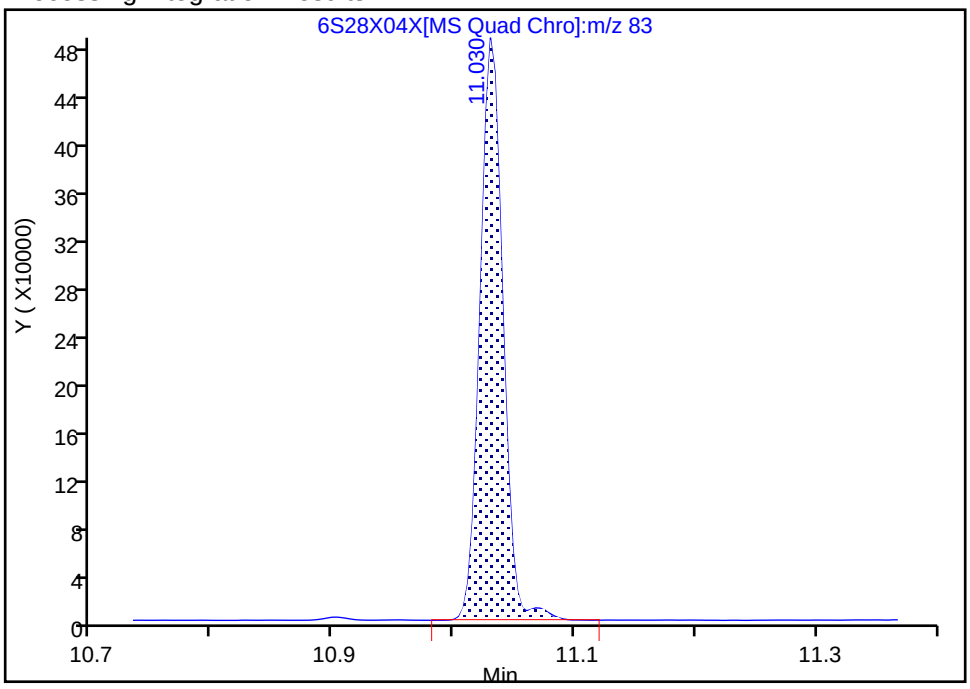
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250928-161263.b\6S28X04X.D | | | | |
| Injection Date: | 28-Sep-2025 20:41:06 | Instrument ID: | HP26379 | | |
| Lims ID: | LCSD | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 4 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL_NY | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

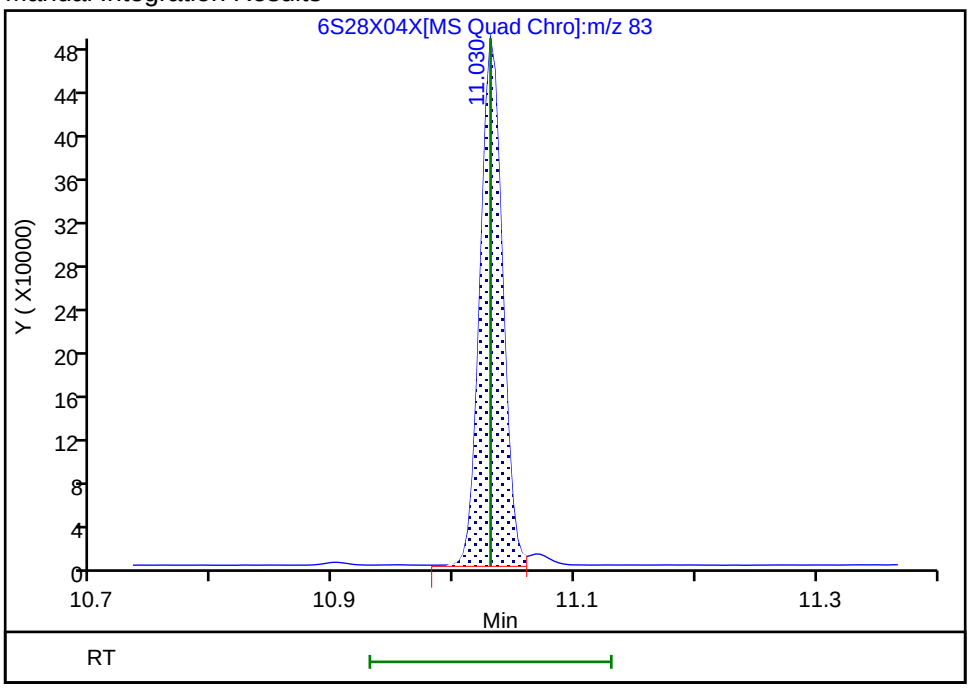
Processing Integration Results

RT: 11.03
Area: 642497
Amount: 4.155159
Amount Units: ppb v/v




Manual Integration Results

RT: 11.03
Area: 629351
Amount: 4.070142
Amount Units: ppb v/v




Reviewer: D7UM, 29-Sep-2025 13:08:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Start Date: 08/29/2025 19:52

Analysis Batch Number: 693962  End Date: 08/30/2025 03:34

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-693962/1 | | 08/29/2025 19:52 | 1 | 6G29T01.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/3 | | 08/29/2025 20:42 | 1 | 6G29X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/4 | | 08/29/2025 21:08 | 1 | 6G29X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/5 | | 08/29/2025 21:34 | 1 | 6G29X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/29/2025 21:34 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/6 | | 08/29/2025 22:02 | 1 | 6G29X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/7 | | 08/29/2025 22:27 | 1 | 6G29X07.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-693962/8 | | 08/29/2025 22:54 | 1 | 6G29X08.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-693962/1008 | | 08/29/2025 22:54 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/9 | | 08/29/2025 23:22 | 1 | 6G29X09.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-693962/10 | | 08/29/2025 23:57 | 1 | 6G29X10.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-693962/15 | | 08/30/2025 02:14 | 1 | 6G29X15.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 02:14 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 02:41 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 03:07 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-693962/18 | | 08/30/2025 03:34 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Start Date: 09/07/2025 22:04

Analysis Batch Number: 695447  End Date: 09/08/2025 06:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-695447/1 | | 09/07/2025 22:04 | 1 | 7S07T01.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/3 | | 09/07/2025 22:59 | 1 | 7S07X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/4 | | 09/07/2025 23:25 | 1 | 7S07X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/5 | | 09/07/2025 23:52 | 1 | 7S07X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/07/2025 23:52 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/6 | | 09/08/2025 00:19 | 1 | 7S07X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/7 | | 09/08/2025 00:45 | 1 | 7S07X07.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-695447/8 | | 09/08/2025 01:12 | 1 | 7S07X08.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-695447/1008 | | 09/08/2025 01:12 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/9 | | 09/08/2025 01:42 | 1 | 7S07X09.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/10 | | 09/08/2025 02:10 | 1 | 7S07X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-695447/11 | | 09/08/2025 02:41 | 1 | 7S07X11.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/08/2025 05:09 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-695447/17 | | 09/08/2025 05:37 | 1 | 7S07X17.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/08/2025 05:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-695447/18 | | 09/08/2025 06:05 | 1 | 7S07X18.D | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP8R004  Start Date: 09/26/2025 07:30

Analysis Batch Number: 704888  End Date: 09/26/2025 21:59

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-704888/1 | | 09/26/2025 07:30 | 1 | 7S26T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-704888/3 | | 09/26/2025 08:28 | 1 | 7S26X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-704888/4 | | 09/26/2025 08:56 | 1 | 7S26X03.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-704888/5 | | 09/26/2025 09:24 | 1 | 7S26X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-704888/7 | | 09/26/2025 10:25 | 1 | 7S26X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/26/2025 11:39 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/26/2025 12:13 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 460-335451-1 | C241174_RR-IA02_MW16D 19D 092025 | 09/26/2025 17:57 | 1 | 7S26X18.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-2 | C241174_RR-AA02_MW16D 19D 092025 | 09/26/2025 18:32 | 1 | 7S26X19.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-3 | C241174_PLR-IA03_MW30D 092125 | 09/26/2025 19:06 | 1 | 7S26X20.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-4 | C241174_PLR-AA03_MW30D 092125 | 09/26/2025 19:41 | 1 | 7S26X21.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-5 | C241174_LR-IA02_MW30D 092025 | 09/26/2025 20:15 | 1 | 7S26X22.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-6 | C241174_LR-AA02_MW30D 092025 | 09/26/2025 20:50 | 1 | 7S26X23.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-7 | C241174_PLR-IA03_MW16D19D 092125 | 09/26/2025 21:25 | 1 | 7S26X24.D | Rtx-VMS 60m 0.25(mm) |
| 460-335451-8 | C241174_PLR-AA03_MW16D19D 092125 | 09/26/2025 21:59 | 1 | 7S26X25.D | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 460-335451-1

SDG No.:

Instrument ID: HP26379  Start Date: 09/28/2025 18:22

Analysis Batch Number: 705851  End Date: 09/29/2025 07:43

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-705851/1 | | 09/28/2025 18:22 | 1 | 6S28T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-705851/3 | | 09/28/2025 19:57 | 1 | 6S28X02X.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-705851/4 | | 09/28/2025 20:19 | 1 | 6S28X03X.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-705851/5 | | 09/28/2025 20:41 | 1 | 6S28X04X.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-705851/7 | | 09/28/2025 21:28 | 1 | 6S28X06X.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/28/2025 21:49 | 10 | | Rtx-VMS 60m 0.25(mm) |
| 460-335451-3 DL | C241174_PLR-IA03_MW30D_092125_DL | 09/29/2025 07:43 | 4 | 6S28X09.D | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 693962  Batch Start Date: 08/29/25 19:52  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00096 | AIRCAL0.5 00150 | AIRCAL10.0 00617 | AIRIS200 ppb 00519 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-693962/1 | | TO 15 LL | | | 200 mL | 200 mL | 20 mL | | | |
| IC 410-693962/3 | | TO 15 LL | | | 200 mL | 200 mL | | 10 mL | | 10 mL |
| IC 410-693962/4 | | TO 15 LL | | | 200 mL | 200 mL | | 20 mL | | 10 mL |
| IC 410-693962/5 | | TO 15 LL | | | 200 mL | 200 mL | | 80 mL | | 10 mL |
| IC 410-693962/6 | | TO 15 LL | | | 200 mL | 200 mL | | 200 mL | | 10 mL |
| IC 410-693962/7 | | TO 15 LL | | | 200 mL | 200 mL | | | 20 mL | 10 mL |
| ICISAV 410-693962/8 | | TO 15 LL | | | 200 mL | 200 mL | | | 100 mL | 10 mL |
| IC 410-693962/9 | | TO 15 LL | | | 200 mL | 200 mL | | | 200 mL | 10 mL |
| IC 410-693962/10 | | TO 15 LL | | | 200 mL | 200 mL | | | 500 mL | 10 mL |
| ICV 410-693962/15 | | TO 15 LL | | | 200 mL | 200 mL | | | | 10 mL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRLCS10.0 00564 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-693962/1 | | TO 15 LL | | | | | | | | |
| IC 410-693962/3 | | TO 15 LL | | | | | | | | |
| IC 410-693962/4 | | TO 15 LL | | | | | | | | |
| IC 410-693962/5 | | TO 15 LL | | | | | | | | |
| IC 410-693962/6 | | TO 15 LL | | | | | | | | |
| IC 410-693962/7 | | TO 15 LL | | | | | | | | |
| ICISAV 410-693962/8 | | TO 15 LL | | | | | | | | |
| IC 410-693962/9 | | TO 15 LL | | | | | | | | |
| IC 410-693962/10 | | TO 15 LL | | | | | | | | |
| ICV 410-693962/15 | | TO 15 LL | | | 100 mL | | | | | |

| Batch Notes | |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 693962  Batch Start Date: 08/29/25 19:52  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 695447  Batch Start Date: 09/07/25 22:04  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00096 | AIRCAL0.5 00151 | AIRCAL10.0 00619 | AIRCAL50.0 00191 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-695447/1 | | TO 15 LL | | | 200 mL | 200 mL | 20 mL | | | |
| IC 410-695447/3 | | TO 15 LL | | | 200 mL | 200 mL | | 10 mL | | |
| IC 410-695447/4 | | TO 15 LL | | | 200 mL | 200 mL | | 20 mL | | |
| IC 410-695447/5 | | TO 15 LL | | | 200 mL | 200 mL | | 80 mL | | |
| IC 410-695447/6 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| IC 410-695447/7 | | TO 15 LL | | | 200 mL | 200 mL | | | 20 mL | |
| ICISAV 410-695447/8 | | TO 15 LL | | | 200 mL | 200 mL | | | 100 mL | |
| IC 410-695447/9 | | TO 15 LL | | | 200 mL | 200 mL | | | 200 mL | |
| IC 410-695447/10 | | TO 15 LL | | | 200 mL | 200 mL | | | | 100 mL |
| IC 410-695447/11 | | TO 15 LL | | | 200 mL | 200 mL | | | | 200 mL |
| ICV 410-695447/17 | | TO 15 LL | | | 200 mL | 200 mL | | | | |
| ICV 410-695447/18 | | TO 15 LL | | | 200 mL | 200 mL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRIS200 ppb 00521 | AIRLCS10.0 00565 | AIRLCS10.0 00567 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-695447/1 | | TO 15 LL | | | | | | | | |
| IC 410-695447/3 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/4 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/5 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/6 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/7 | | TO 15 LL | | | 10 mL | | | | | |
| ICISAV 410-695447/8 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/9 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/10 | | TO 15 LL | | | 10 mL | | | | | |
| IC 410-695447/11 | | TO 15 LL | | | 10 mL | | | | | |
| ICV 410-695447/17 | | TO 15 LL | | | 10 mL | | 100 mL | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 695447  Batch Start Date: 09/07/25 22:04  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRIS200 ppb 00521 | AIRLCS10.0 00565 | AIRLCS10.0 00567 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ICV 410-695447/18 | | TO 15 LL | | | 10 mL | 100 mL | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 704888  Batch Start Date: 09/26/25 07:30  Batch Analyst: Lantgen, Ava

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00097 | AIRCAL10.0 00621 | AIRIS200 ppb 00532 | AIRLCS10.0 00565 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-704888/1 | | TO 15 LL | | | 200 mL | 200 mL | 100 mL | | | |
| CCVIS 410-704888/3 | | TO 15 LL | | | 200 mL | 200 mL | | 100 mL | 10 mL | |
| LCS 410-704888/4 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| LCS 410-704888/5 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | 100 mL |
| MB 410-704888/7 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-1 | C241174_RR-IA02_MW16D19D_092025 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-2 | C241174_RR-AA02_MW16D19D_092025 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-3 | C241174_PLR-IA03_MW30D_092125 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-4 | C241174_PLR-AA03_MW30D_092125 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-5 | C241174_LR-IA02_MW30D_092025 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-6 | C241174_LR-AA02_MW30D_092025 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-7 | C241174_PLR-IA03_MW16D19D_092125 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-8 | C241174_PLR-AA03_MW16D19D_092125 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRLCS10.0 00567 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-704888/1 | | TO 15 LL | | | | | | | | |
| CCVIS 410-704888/3 | | TO 15 LL | | | | | | | | |
| LCS 410-704888/4 | | TO 15 LL | | | 100 mL | | | | | |
| LCS 410-704888/5 | | TO 15 LL | | | | | | | | |
| MB 410-704888/7 | | TO 15 LL | | | | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 704888  Batch Start Date: 09/26/25 07:30  Batch Analyst: Lantgen, Ava

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | AIRLCS10.0 00567 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 460-335451-A-1 | C241174_RR-IA02_MW16D19D_092025 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-2 | C241174_RR-AA02_MW16D19D_092025 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-3 | C241174_PLR-IA03_MW30D_092125 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-4 | C241174_PLR-AA03_MW30D_092125 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-5 | C241174_LR-IA02_MW30D_092025 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-6 | C241174_LR-AA02_MW30D_092025 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-7 | C241174_PLR-IA03_MW16D19D_092125 | TO 15 LL | Air | T | | | | | | |
| 460-335451-A-8 | C241174_PLR-AA03_MW16D19D_092125 | TO 15 LL | Air | T | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie  Job No.: 460-335451-1

SDG No.:

Batch Number: 705851  Batch Start Date: 09/28/25 18:22  Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | AIRBFB100ppb 00098 | AIRCAL10.0 00625 | AIRIS200 ppb 00531 | AIRLCS10.0 00566 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 410-705851/1 | | TO 15 LL | | | 200 mL | 200 mL | 20 mL | | | |
| CCVIS 410-705851/3 | | TO 15 LL | | | 200 mL | 200 mL | | 100 mL | 10 mL | |
| LCS 410-705851/4 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | 100 mL |
| LCSD 410-705851/5 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | 100 mL |
| MB 410-705851/7 | | TO 15 LL | | | 200 mL | 200 mL | | | 10 mL | |
| 460-335451-A-3 | C241174_PLR-IA03_MW30D_092125 | TO 15 LL | Air | T | 200 mL | 200 mL | | | 10 mL | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Summa Canister Dilution Worksheet

Client: Langan Engineering and Environmental Ser
Project/Site: ABC Block 26 - Air

Job No.: 460-335451-1

| Lab Sample ID | Canister Volume (L) | Preadjusted Pressure ("Hg) | Preadjusted Pressure (atm) | Preadjusted Volume (L) | Adjusted Pressure (psig) | Adjusted Pressure (atm) | Adjusted Volume (L) | Initial Volume (mL) | Dilution Factor | Final Dilution Factor | Pressure Gauge ID | Date | Analyst Initals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 460-335451-1 | 6 | -4.8 | 0.84 | 5.04 | 10 | 1.68 | 10.08 | | 2.00 | 2.00 | | 09/24/25 15:49 | JXC9 |
| 460-335451-2 | 6 | -6.6 | 0.78 | 4.68 | 8.2 | 1.56 | 9.35 | | 2.00 | 2.00 | | 09/24/25 15:49 | JXC9 |
| 460-335451-3 | 6 | -4.4 | 0.85 | 5.12 | 10.4 | 1.71 | 10.24 | | 2.00 | 2.00 | | 09/24/25 15:50 | JXC9 |
| 460-335451-4 | 6 | -5.2 | 0.83 | 4.96 | 9.6 | 1.65 | 9.92 | | 2.00 | 2.00 | | 09/24/25 15:50 | JXC9 |
| 460-335451-5 | 6 | -4.4 | 0.85 | 5.12 | 10.4 | 1.71 | 10.24 | | 2.00 | 2.00 | | 09/24/25 15:51 | JXC9 |
| 460-335451-6 | 6 | -4.4 | 0.85 | 5.12 | 10.4 | 1.71 | 10.24 | | 2.00 | 2.00 | | 09/24/25 15:51 | JXC9 |
| 460-335451-7 | 6 | -8.8 | 0.71 | 4.24 | 7.3 | 1.50 | 8.98 | | 2.12 | 2.12 | | 09/24/25 15:53 | JXC9 |
| 460-335451-8 | 6 | -4.8 | 0.84 | 5.04 | 10 | 1.68 | 10.08 | | 2.00 | 2.00 | | 09/24/25 15:55 | JXC9 |

**Formulae:**

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L ) / 29.92 "Hg
Adjusted Volume (L) = (( Adjusted Pressure (psig) + 14.7 psig )* Vol L ) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

**Where:**

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X08.D

Lab ID: LCS 410-686637/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.120 | 91 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.717 | 97 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.15 | 101 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.382 | 94 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.59 | 106 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.70 | 107 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.701 | 97 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.141 | 81 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.066 | 91 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.876 | 89 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.354 | 84 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.498 | 85 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.194 | 92 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 10.26 | 103 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.632 | 96 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.83 | 99 | 70-130 | |
| 1,3-Butadiene | 10.0 | 10.21 | 102 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.527 | 85 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.315 | 83 | 64-137 | |
| 2-Butanone | 10.0 | 9.483 | 95 | 70-130 | |
| 2-Hexanone | 10.0 | 11.55 | 116 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.55 | 93 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.61 | 106 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.692 | 97 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.84 | 108 | 68-133 | |
| Acetone | 10.0 | 10.17 | 102 | 70-137 | |
| Benzene | 10.0 | 10.08 | 101 | 70-130 | |
| Bromobenzene | 10.0 | 8.349 | 83 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.634 | 96 | 70-130 | |
| Bromoform | 10.0 | 8.666 | 87 | 60-139 | |
| Bromomethane | 10.0 | 9.399 | 94 | 70-140 | |
| Carbon disulfide | 10.0 | 9.808 | 98 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.968 | 90 | 70-130 | |
| Chlorobenzene | 10.0 | 8.803 | 88 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.97 | 130 | 70-132 | |
| Chloroethane | 10.0 | 11.06 | 111 | 70-131 | |
| Chloroform | 10.0 | 9.702 | 97 | 70-130 | |
| Chloromethane | 10.0 | 12.52 | 125 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.05 | 100 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.913 | 89 | 70-130 | |
| Bromoethene | 10.0 | 9.565 | 96 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X08.D

Lab ID: LCS 410-686637/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 8.750 | 87 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.665 | 87 | 70-130 | |
| Dibromomethane | 10.0 | 8.706 | 87 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.04 | 100 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 11.07 | 111 | 70-136 | |
| Ethylbenzene | 10.0 | 9.278 | 93 | 70-130 | |
| Freon 113 | 10.0 | 10.38 | 104 | 70-130 | |
| Freon-114 | 10.0 | 11.34 | 113 | 70-130 | |
| Heptane | 10.0 | 9.500 | 95 | 70-130 | |
| Hexachloroethane | 10.0 | 8.298 | 83 | 20-163 | |
| Hexane | 10.0 | 10.42 | 104 | 61-130 | |
| Isooctane | 10.0 | 10.71 | 107 | 70-130 | |
| m&p-Xylene | 10.0 | 10.02 | 100 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.287 | 93 | 70-130 | |
| Methylene Chloride | 10.0 | 11.23 | 112 | 70-130 | |
| o-Xylene | 10.0 | 9.089 | 91 | 70-130 | |
| Octane | 10.0 | 9.830 | 98 | 64-130 | |
| Pentane | 10.0 | 10.82 | 108 | 58-130 | |
| Styrene | 10.0 | 8.923 | 89 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.595 | 86 | 70-140 | |
| Toluene | 10.0 | 9.442 | 94 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.781 | 98 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.632 | 96 | 70-130 | |
| Trichloroethene | 10.0 | 8.987 | 90 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.438 | 94 | 70-130 | |
| Vinyl chloride | 10.0 | 12.17 | 122 | 70-135 | |
| Isopropanol | 10.0 | 8.495 | 85 | 62-135 | |
| Naphthalene | 11.6 | 8.482 | 73 | 22-139 | |
| Xylenes, Total | 20.0 | 19.11 | 96 | 70-130 | |
| Methyl acrylate | 10.0 | 10.15 | 102 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.23 | 102 | 54-143 | |
| Ethyl acetate | 10.0 | 8.988 | 90 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.779 | 98 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 9.790 | 88 | 50-130 | |
| Benzyl chloride | 10.0 | 7.484 | 75 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.595 | 86 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.057 | 91 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.293 | 83 | 70-130 | |
| Acetonitrile | 10.0 | 14.32 | 143 | 59-143 | |
| Propene | 10.0 | 12.51 | 125 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.35 | 114 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X08.D

Lab ID: LCS 410-686637/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.627 | 96 | 70-130 | |
| Acrylonitrile | 10.0 | 11.20 | 112 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 8.939 | 89 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.30 | 103 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.486 | 95 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.542 | 85 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.723 | 97 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.42 | 114 | 70-130 | |
| Cyclohexane | 10.0 | 10.01 | 100 | 61-130 | |
| Acrolein | 11.3 | 11.20 | 99 | 70-135 | |
| Ethanol | 10.0 | 14.90 | 149 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 9.207 | 92 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.28 | 113 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.933 | 99 | 70-130 | |
| Vinyl acetate | 10.0 | 9.504 | 95 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.431 | 94 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X09.D

Lab ID: LCSD 410-686637/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.128 | 91 | 0 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.706 | 97 | 0 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.06 | 101 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.328 | 93 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.52 | 105 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.93 | 109 | 2 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.418 | 94 | 3 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.382 | 84 | 3 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.069 | 91 | 0 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.808 | 88 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.300 | 83 | 1 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.532 | 85 | 0 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.255 | 93 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 10.29 | 103 | 0 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.371 | 94 | 3 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.96 | 100 | 1 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 10.14 | 101 | 1 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.527 | 85 | 0 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.392 | 84 | 1 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.480 | 95 | 0 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 11.51 | 115 | 0 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.53 | 93 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.66 | 107 | 0 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.859 | 99 | 2 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.77 | 108 | 1 | 25 | 68-133 | |
| Acetone | 10.0 | 10.17 | 102 | 0 | 25 | 70-137 | |
| Benzene | 10.0 | 10.12 | 101 | 0 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 8.254 | 83 | 1 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.607 | 96 | 0 | 25 | 70-130 | |
| Bromoform | 10.0 | 8.643 | 86 | 0 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.483 | 95 | 1 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.901 | 99 | 1 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.997 | 90 | 0 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 8.878 | 89 | 1 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.89 | 129 | 1 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.90 | 109 | 1 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.755 | 98 | 1 | 25 | 70-130 | |
| Chloromethane | 10.0 | 12.49 | 125 | 0 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.15 | 101 | 1 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.940 | 89 | 0 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.556 | 96 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X09.D

Lab ID: LCSD 410-686637/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 8.812 | 88 | 1 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.683 | 87 | 0 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 8.651 | 87 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.02 | 100 | 0 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 11.15 | 111 | 1 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.302 | 93 | 0 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.54 | 105 | 2 | 25 | 70-130 | |
| Freon-114 | 10.0 | 11.42 | 114 | 1 | 25 | 70-130 | |
| Heptane | 10.0 | 9.648 | 96 | 2 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 8.313 | 83 | 0 | 25 | 20-163 | |
| Hexane | 10.0 | 10.21 | 102 | 2 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.78 | 108 | 1 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 10.06 | 101 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.459 | 95 | 2 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 11.42 | 114 | 2 | 25 | 70-130 | |
| o-Xylene | 10.0 | 9.131 | 91 | 0 | 25 | 70-130 | |
| Octane | 10.0 | 9.869 | 99 | 0 | 25 | 64-130 | |
| Pentane | 10.0 | 10.92 | 109 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 8.892 | 89 | 0 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.563 | 86 | 0 | 25 | 70-140 | |
| Toluene | 10.0 | 9.489 | 95 | 0 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.810 | 98 | 0 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.589 | 96 | 0 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.997 | 90 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.510 | 95 | 1 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 12.24 | 122 | 1 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.610 | 86 | 1 | 25 | 62-135 | |
| Naphthalene | 11.6 | 8.644 | 75 | 2 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 19.19 | 96 | 0 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 10.18 | 102 | 0 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.30 | 103 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.662 | 87 | 4 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.880 | 99 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 9.899 | 89 | 1 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 7.505 | 75 | 0 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 8.689 | 87 | 1 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 9.157 | 92 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.447 | 84 | 2 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 14.16 | 142 | 1 | 25 | 59-143 | |
| Propene | 10.0 | 12.40 | 124 | 1 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 11.33 | 113 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G17X09.D

Lab ID: LCSD 410-686637/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.783 | 98 | 2 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 11.21 | 112 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 9.037 | 90 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.29 | 103 | 0 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.431 | 94 | 1 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.592 | 86 | 1 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.830 | 98 | 1 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.46 | 115 | 0 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 10.17 | 102 | 2 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.76 | 104 | 5 | 25 | 70-135 | |
| Ethanol | 10.0 | 14.35 | 143 | 4 | 25 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 9.207 | 92 | 0 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.31 | 113 | 0 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 10.05 | 100 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.792 | 98 | 3 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.421 | 94 | 0 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X03.D

Lab ID: LCS 410-689842/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 10.20 | 102 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.739 | 97 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.82 | 108 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.778 | 98 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.621 | 96 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 9.946 | 99 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.65 | 106 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 13.27 | 133 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 10.91 | 109 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.447 | 94 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 11.19 | 112 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 11.01 | 110 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.055 | 91 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.200 | 92 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.41 | 114 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 18.21 | 91 | 70-130 | |
| 1,3-Butadiene | 10.0 | 8.961 | 90 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 10.65 | 107 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.43 | 104 | 64-137 | |
| 2-Butanone | 10.0 | 8.929 | 89 | 70-130 | |
| 2-Hexanone | 10.0 | 10.36 | 104 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.28 | 91 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.408 | 94 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 10.99 | 110 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 9.453 | 95 | 68-133 | |
| Acetone | 10.0 | 9.376 | 94 | 70-137 | |
| Benzene | 10.0 | 9.920 | 99 | 70-130 | |
| Bromobenzene | 10.0 | 9.931 | 99 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.486 | 95 | 70-130 | |
| Bromoform | 10.0 | 9.987 | 100 | 60-139 | |
| Bromomethane | 10.0 | 9.129 | 91 | 70-140 | |
| Carbon disulfide | 10.0 | 9.258 | 93 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.289 | 93 | 70-130 | |
| Chlorobenzene | 10.0 | 9.583 | 96 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.66 | 117 | 70-132 | |
| Chloroethane | 10.0 | 9.983 | 100 | 70-131 | |
| Chloroform | 10.0 | 9.551 | 96 | 70-130 | |
| Chloromethane | 10.0 | 11.45 | 115 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.265 | 93 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.642 | 86 | 70-130 | |
| Bromoethene | 10.0 | 9.824 | 98 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X03.D

Lab ID: LCS 410-689842/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 9.865 | 99 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.413 | 94 | 70-130 | |
| Dibromomethane | 10.0 | 9.859 | 99 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.947 | 99 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.50 | 105 | 70-136 | |
| Ethylbenzene | 10.0 | 9.799 | 98 | 70-130 | |
| Freon 113 | 10.0 | 10.54 | 105 | 70-130 | |
| Freon-114 | 10.0 | 11.25 | 113 | 70-130 | |
| Heptane | 10.0 | 9.193 | 92 | 70-130 | |
| Hexachloroethane | 10.0 | 8.166 | 82 | 20-163 | |
| Hexane | 10.0 | 9.249 | 92 | 61-130 | |
| Isooctane | 10.0 | 9.778 | 98 | 70-130 | |
| m&p-Xylene | 10.0 | 10.81 | 108 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 8.967 | 90 | 70-130 | |
| Methylene Chloride | 10.0 | 10.96 | 110 | 70-130 | |
| o-Xylene | 10.0 | 9.764 | 98 | 70-130 | |
| Octane | 10.0 | 8.710 | 87 | 64-130 | |
| Pentane | 10.0 | 9.281 | 93 | 58-130 | |
| Styrene | 10.0 | 9.810 | 98 | 70-133 | |
| Tetrachloroethene | 10.0 | 11.35 | 113 | 70-140 | |
| Toluene | 10.0 | 9.896 | 99 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 8.944 | 89 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.640 | 96 | 70-130 | |
| Trichloroethene | 10.0 | 9.611 | 96 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.697 | 97 | 70-130 | |
| Vinyl chloride | 10.0 | 11.16 | 112 | 70-135 | |
| Isopropanol | 10.0 | 8.643 | 86 | 62-135 | |
| Naphthalene | 11.6 | 12.63 | 109 | 22-139 | |
| Xylenes, Total | 20.0 | 20.57 | 103 | 70-130 | |
| Methyl acrylate | 10.0 | 8.913 | 89 | 70-137 | |
| Tetrahydrofuran | 10.0 | 8.622 | 86 | 54-143 | |
| Ethyl acetate | 10.0 | 8.515 | 85 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.256 | 93 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.09 | 91 | 50-130 | |
| Benzyl chloride | 10.0 | 9.127 | 91 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 14.16 | 142 | 40-157 | |
| n-Butylbenzene | 10.0 | 11.04 | 110 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.779 | 98 | 70-130 | |
| Acetonitrile | 10.0 | 11.39 | 114 | 59-143 | |
| Propene | 10.0 | 10.78 | 108 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.28 | 123 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X03.D

Lab ID: LCS 410-689842/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.702 | 97 | 70-130 | |
| Acrylonitrile | 10.0 | 10.20 | 102 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.52 | 105 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.11 | 101 | 67-130 | |
| sec-Butylbenzene | 10.0 | 10.96 | 110 | 66-141 | |
| N-Propylbenzene | 10.0 | 9.934 | 99 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.003 | 90 | 64-131 | |
| di-Isopropyl ether | 10.0 | 9.770 | 98 | 70-130 | |
| Cyclohexane | 10.0 | 9.010 | 90 | 61-130 | |
| Acrolein | 11.3 | 9.645 | 85 | 70-135 | |
| Ethanol | 10.0 | 13.83 | 138 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 11.39 | 114 | 60-148 | |
| Ethyl acrylate | 10.0 | 10.14 | 101 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.761 | 98 | 70-130 | |
| Vinyl acetate | 10.0 | 9.066 | 91 | 70-137 | |
| tert-Butylbenzene | 10.0 | 12.40 | 124 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X04.D

Lab ID: LCSD 410-689842/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 10.43 | 104 | 2 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.946 | 99 | 2 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.89 | 109 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.853 | 99 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.801 | 98 | 2 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.27 | 103 | 3 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.85 | 108 | 2 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 13.68 | 137 | 3 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 11.07 | 111 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.676 | 97 | 2 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 11.35 | 113 | 1 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 11.16 | 112 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.309 | 93 | 3 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.573 | 96 | 4 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.46 | 115 | 0 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 18.57 | 93 | 2 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.184 | 92 | 2 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 11.00 | 110 | 3 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.59 | 106 | 2 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.003 | 90 | 1 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 10.68 | 107 | 3 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.71 | 94 | 2 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.546 | 95 | 1 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 11.24 | 112 | 2 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 9.654 | 97 | 2 | 25 | 68-133 | |
| Acetone | 10.0 | 9.539 | 95 | 2 | 25 | 70-137 | |
| Benzene | 10.0 | 10.04 | 100 | 1 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 10.06 | 101 | 1 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.558 | 96 | 1 | 25 | 70-130 | |
| Bromoform | 10.0 | 10.08 | 101 | 1 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.221 | 92 | 1 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.533 | 95 | 3 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.445 | 94 | 2 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 9.787 | 98 | 2 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.83 | 118 | 1 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.32 | 103 | 3 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.703 | 97 | 2 | 25 | 70-130 | |
| Chloromethane | 10.0 | 11.55 | 115 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.385 | 94 | 1 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.836 | 88 | 2 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.975 | 100 | 2 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X04.D

Lab ID: LCSD 410-689842/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 9.997 | 100 | 1 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.553 | 96 | 1 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 10.01 | 100 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.07 | 101 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.64 | 106 | 1 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.870 | 99 | 1 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.87 | 109 | 3 | 25 | 70-130 | |
| Freon-114 | 10.0 | 11.29 | 113 | 0 | 25 | 70-130 | |
| Heptane | 10.0 | 9.182 | 92 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 8.179 | 82 | 0 | 25 | 20-163 | |
| Hexane | 10.0 | 9.516 | 95 | 3 | 25 | 61-130 | |
| Isooctane | 10.0 | 9.941 | 99 | 2 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 11.01 | 110 | 2 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.321 | 93 | 4 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 11.05 | 111 | 1 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.12 | 101 | 4 | 25 | 70-130 | |
| Octane | 10.0 | 8.868 | 89 | 2 | 25 | 64-130 | |
| Pentane | 10.0 | 9.412 | 94 | 1 | 25 | 58-130 | |
| Styrene | 10.0 | 9.921 | 99 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 11.53 | 115 | 2 | 25 | 70-140 | |
| Toluene | 10.0 | 9.941 | 99 | 0 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.187 | 92 | 3 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.875 | 99 | 2 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 9.788 | 98 | 2 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.862 | 99 | 2 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.34 | 113 | 2 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.712 | 87 | 1 | 25 | 62-135 | |
| Naphthalene | 11.6 | 12.99 | 112 | 3 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 21.13 | 106 | 3 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 9.134 | 91 | 2 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 8.954 | 90 | 4 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.705 | 87 | 2 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.519 | 95 | 3 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.92 | 98 | 8 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 9.397 | 94 | 3 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 14.44 | 144 | 2 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 11.19 | 112 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.919 | 99 | 1 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 11.54 | 115 | 1 | 25 | 59-143 | |
| Propene | 10.0 | 10.95 | 110 | 2 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.25 | 122 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G24X04.D

Lab ID: LCSD 410-689842/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.20 | 102 | 5 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 10.48 | 105 | 3 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.72 | 107 | 2 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.34 | 103 | 2 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 11.22 | 112 | 2 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 10.13 | 101 | 2 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.238 | 92 | 3 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 10.04 | 100 | 3 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.239 | 92 | 3 | 25 | 61-130 | |
| Acrolein | 11.3 | 9.923 | 88 | 3 | 25 | 70-135 | |
| Ethanol | 10.0 | 14.32 | 143 | 3 | 25 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 11.59 | 116 | 2 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 10.33 | 103 | 2 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.930 | 99 | 2 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.367 | 94 | 3 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 12.61 | 126 | 2 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X07.D

Lab ID: LCS 410-691081/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.492 | 95 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.533 | 95 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.25 | 103 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.350 | 94 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.509 | 95 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 9.909 | 99 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.21 | 102 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 12.70 | 127 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 10.33 | 103 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.146 | 91 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 10.44 | 104 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 10.50 | 105 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.416 | 84 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 8.937 | 89 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.66 | 107 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 17.88 | 89 | 70-130 | |
| 1,3-Butadiene | 10.0 | 8.967 | 90 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 10.20 | 102 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.03 | 100 | 64-137 | |
| 2-Butanone | 10.0 | 8.885 | 89 | 70-130 | |
| 2-Hexanone | 10.0 | 10.18 | 102 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 17.57 | 88 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.472 | 95 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 10.76 | 108 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 8.964 | 90 | 68-133 | |
| Acetone | 10.0 | 9.462 | 95 | 70-137 | |
| Benzene | 10.0 | 9.351 | 94 | 70-130 | |
| Bromobenzene | 10.0 | 9.481 | 95 | 70-130 | |
| Bromodichloromethane | 10.0 | 8.847 | 88 | 70-130 | |
| Bromoform | 10.0 | 9.325 | 93 | 60-139 | |
| Bromomethane | 10.0 | 8.834 | 88 | 70-140 | |
| Carbon disulfide | 10.0 | 9.078 | 91 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.977 | 90 | 70-130 | |
| Chlorobenzene | 10.0 | 9.259 | 93 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.31 | 113 | 70-132 | |
| Chloroethane | 10.0 | 10.16 | 102 | 70-131 | |
| Chloroform | 10.0 | 9.249 | 92 | 70-130 | |
| Chloromethane | 10.0 | 11.00 | 110 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.050 | 90 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.277 | 83 | 70-130 | |
| Bromoethene | 10.0 | 9.618 | 96 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X07.D

Lab ID: LCS 410-691081/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 9.420 | 94 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.959 | 90 | 70-130 | |
| Dibromomethane | 10.0 | 9.138 | 91 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.654 | 97 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.16 | 102 | 70-136 | |
| Ethylbenzene | 10.0 | 9.387 | 94 | 70-130 | |
| Freon 113 | 10.0 | 10.26 | 103 | 70-130 | |
| Freon-114 | 10.0 | 10.84 | 108 | 70-130 | |
| Heptane | 10.0 | 8.874 | 89 | 70-130 | |
| Hexachloroethane | 10.0 | 7.289 | 73 | 20-163 | |
| Hexane | 10.0 | 9.197 | 92 | 61-130 | |
| Isooctane | 10.0 | 9.341 | 93 | 70-130 | |
| m&p-Xylene | 10.0 | 10.48 | 105 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.022 | 90 | 70-130 | |
| Methylene Chloride | 10.0 | 10.61 | 106 | 70-130 | |
| o-Xylene | 10.0 | 9.647 | 96 | 70-130 | |
| Octane | 10.0 | 8.491 | 85 | 64-130 | |
| Pentane | 10.0 | 9.320 | 93 | 58-130 | |
| Styrene | 10.0 | 9.424 | 94 | 70-133 | |
| Tetrachloroethene | 10.0 | 10.98 | 110 | 70-140 | |
| Toluene | 10.0 | 9.412 | 94 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 8.827 | 88 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.297 | 93 | 70-130 | |
| Trichloroethene | 10.0 | 9.105 | 91 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.451 | 95 | 70-130 | |
| Vinyl chloride | 10.0 | 11.02 | 110 | 70-135 | |
| Isopropanol | 10.0 | 9.328 | 93 | 62-135 | |
| Naphthalene | 11.6 | 12.23 | 105 | 22-139 | |
| Xylenes, Total | 20.0 | 20.13 | 101 | 70-130 | |
| Methyl acrylate | 10.0 | 8.846 | 88 | 70-137 | |
| Tetrahydrofuran | 10.0 | 8.679 | 87 | 54-143 | |
| Ethyl acetate | 10.0 | 8.151 | 82 | 70-130 | |
| Methyl methacrylate | 10.0 | 8.937 | 89 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 11.20 | 101 | 50-130 | |
| Benzyl chloride | 10.0 | 8.657 | 87 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 13.50 | 135 | 40-157 | |
| n-Butylbenzene | 10.0 | 10.51 | 105 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.243 | 92 | 70-130 | |
| Acetonitrile | 10.0 | 11.36 | 114 | 59-143 | |
| Propene | 10.0 | 10.71 | 107 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.39 | 124 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X07.D

Lab ID: LCS 410-691081/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.04 | 100 | 70-130 | |
| Acrylonitrile | 10.0 | 9.534 | 95 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.08 | 101 | 56-144 | |
| Ethyl methacrylate | 10.0 | 9.734 | 97 | 67-130 | |
| sec-Butylbenzene | 10.0 | 10.65 | 107 | 66-141 | |
| N-Propylbenzene | 10.0 | 9.597 | 96 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.053 | 91 | 64-131 | |
| di-Isopropyl ether | 10.0 | 9.719 | 97 | 70-130 | |
| Cyclohexane | 10.0 | 9.059 | 91 | 61-130 | |
| Acrolein | 11.3 | 9.730 | 86 | 70-135 | |
| Ethanol | 10.0 | 14.81 | 148 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 10.99 | 110 | 60-148 | |
| Ethyl acrylate | 10.0 | 9.639 | 96 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.301 | 93 | 70-130 | |
| Vinyl acetate | 10.0 | 8.620 | 86 | 70-137 | |
| tert-Butylbenzene | 10.0 | 10.87 | 109 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X08.D

Lab ID: LCSD 410-691081/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.610 | 96 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.664 | 97 | 1 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.28 | 103 | 0 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.305 | 93 | 0 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.551 | 96 | 0 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 9.963 | 100 | 1 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.01 | 100 | 2 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 12.94 | 129 | 2 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 10.41 | 104 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.092 | 91 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 10.41 | 104 | 0 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 10.43 | 104 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 8.550 | 85 | 2 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 8.857 | 89 | 1 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.65 | 107 | 0 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 18.00 | 90 | 1 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 8.981 | 90 | 0 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 10.11 | 101 | 1 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 9.999 | 100 | 0 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 8.808 | 88 | 1 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 10.14 | 101 | 0 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 17.52 | 88 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.479 | 95 | 0 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 10.76 | 108 | 0 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 9.082 | 91 | 1 | 25 | 68-133 | |
| Acetone | 10.0 | 9.512 | 95 | 1 | 25 | 70-137 | |
| Benzene | 10.0 | 9.351 | 94 | 0 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 9.418 | 94 | 1 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 8.898 | 89 | 1 | 25 | 70-130 | |
| Bromoform | 10.0 | 9.412 | 94 | 1 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.112 | 91 | 3 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.122 | 91 | 0 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.092 | 91 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 9.265 | 93 | 0 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 11.34 | 113 | 0 | 25 | 70-132 | |
| Chloroethane | 10.0 | 9.938 | 99 | 2 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.332 | 93 | 1 | 25 | 70-130 | |
| Chloromethane | 10.0 | 11.20 | 112 | 2 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 9.209 | 92 | 2 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.241 | 82 | 0 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.769 | 98 | 2 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X08.D

Lab ID: LCSD 410-691081/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 9.384 | 94 | 0 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.973 | 90 | 0 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 9.198 | 92 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.710 | 97 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.29 | 103 | 1 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.428 | 94 | 0 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.41 | 104 | 1 | 25 | 70-130 | |
| Freon-114 | 10.0 | 10.92 | 109 | 1 | 25 | 70-130 | |
| Heptane | 10.0 | 8.807 | 88 | 1 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 7.296 | 73 | 0 | 25 | 20-163 | |
| Hexane | 10.0 | 9.208 | 92 | 0 | 25 | 61-130 | |
| Isooctane | 10.0 | 9.367 | 94 | 0 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 10.48 | 105 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.030 | 90 | 0 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 10.60 | 106 | 0 | 25 | 70-130 | |
| o-Xylene | 10.0 | 9.519 | 95 | 1 | 25 | 70-130 | |
| Octane | 10.0 | 8.527 | 85 | 0 | 25 | 64-130 | |
| Pentane | 10.0 | 9.298 | 93 | 0 | 25 | 58-130 | |
| Styrene | 10.0 | 9.444 | 94 | 0 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 10.95 | 109 | 0 | 25 | 70-140 | |
| Toluene | 10.0 | 9.477 | 95 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 8.789 | 88 | 0 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.279 | 93 | 0 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 9.090 | 91 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.441 | 94 | 0 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.04 | 110 | 0 | 25 | 70-135 | |
| Isopropanol | 10.0 | 9.198 | 92 | 1 | 25 | 62-135 | |
| Naphthalene | 11.6 | 12.26 | 106 | 0 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 20.00 | 100 | 1 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 8.849 | 88 | 0 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 8.738 | 87 | 1 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.372 | 84 | 3 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 8.859 | 89 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 11.00 | 99 | 2 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 8.710 | 87 | 1 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 13.46 | 135 | 0 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 10.61 | 106 | 1 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 9.316 | 93 | 1 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 11.58 | 116 | 2 | 25 | 59-143 | |
| Propene | 10.0 | 10.54 | 105 | 2 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 12.25 | 123 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7G27X08.D

Lab ID: LCSD 410-691081/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.33 | 103 | 3 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 9.483 | 95 | 1 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 10.06 | 101 | 0 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 9.676 | 97 | 1 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 10.55 | 106 | 1 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 9.553 | 96 | 0 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.141 | 91 | 1 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 9.836 | 98 | 1 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.292 | 93 | 3 | 25 | 61-130 | |
| Acrolein | 11.3 | 9.740 | 86 | 0 | 25 | 70-135 | |
| Ethanol | 10.0 | 14.53 | 145 | 2 | 25 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 10.91 | 109 | 1 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 9.758 | 98 | 1 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.365 | 94 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.352 | 94 | 8 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 10.87 | 109 | 0 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X03.D

Lab ID: LCS 410-692984/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.341 | 93 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.152 | 92 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.457 | 95 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.414 | 94 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 9.686 | 97 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.66 | 107 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.59 | 106 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 11.92 | 119 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 11.82 | 118 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.572 | 96 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 12.17 | 122 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 11.57 | 116 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.544 | 95 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 8.716 | 87 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.21 | 112 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.57 | 98 | 70-130 | |
| 1,3-Butadiene | 10.0 | 8.855 | 89 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 12.31 | 123 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.69 | 107 | 64-137 | |
| 2-Butanone | 10.0 | 8.180 | 82 | 70-130 | |
| 2-Hexanone | 10.0 | 10.93 | 109 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 19.06 | 95 | 70-130 | |
| 3-Chloroprene | 10.0 | 9.622 | 96 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 12.42 | 124 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 8.543 | 85 | 68-133 | |
| Acetone | 10.0 | 8.051 | 81 | 70-137 | |
| Benzene | 10.0 | 8.585 | 86 | 70-130 | |
| Bromobenzene | 10.0 | 10.60 | 106 | 70-130 | |
| Bromodichloromethane | 10.0 | 8.987 | 90 | 70-130 | |
| Bromoform | 10.0 | 10.80 | 108 | 60-139 | |
| Bromomethane | 10.0 | 8.583 | 86 | 70-140 | |
| Carbon disulfide | 10.0 | 7.879 | 79 | 70-130 | |
| Carbon tetrachloride | 10.0 | 8.758 | 88 | 70-130 | |
| Chlorobenzene | 10.0 | 9.138 | 91 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 9.752 | 98 | 70-132 | |
| Chloroethane | 10.0 | 8.635 | 86 | 70-131 | |
| Chloroform | 10.0 | 9.548 | 95 | 70-130 | |
| Chloromethane | 10.0 | 8.262 | 83 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.20 | 102 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.406 | 84 | 70-130 | |
| Bromoethene | 10.0 | 8.944 | 89 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X03.D

Lab ID: LCS 410-692984/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 11.43 | 114 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.637 | 96 | 70-130 | |
| Dibromomethane | 10.0 | 9.380 | 94 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.009 | 90 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 9.390 | 94 | 70-136 | |
| Ethylbenzene | 10.0 | 9.915 | 99 | 70-130 | |
| Freon 113 | 10.0 | 10.20 | 102 | 70-130 | |
| Freon-114 | 10.0 | 9.070 | 91 | 70-130 | |
| Heptane | 10.0 | 10.10 | 101 | 70-130 | |
| Hexachloroethane | 10.0 | 3.266 | 33 | 20-163 | |
| Hexane | 10.0 | 9.400 | 94 | 61-130 | |
| Isooctane | 10.0 | 9.019 | 90 | 70-130 | |
| m&p-Xylene | 10.0 | 11.27 | 113 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.838 | 98 | 70-130 | |
| Methylene Chloride | 10.0 | 10.20 | 102 | 70-130 | |
| o-Xylene | 10.0 | 10.92 | 109 | 70-130 | |
| Octane | 10.0 | 9.053 | 91 | 64-130 | |
| Pentane | 10.0 | 7.974 | 80 | 58-130 | |
| Styrene | 10.0 | 11.76 | 118 | 70-133 | |
| Tetrachloroethene | 10.0 | 11.85 | 118 | 70-140 | |
| Toluene | 10.0 | 9.618 | 96 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.370 | 94 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 10.65 | 107 | 70-130 | |
| Trichloroethene | 10.0 | 8.834 | 88 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.275 | 93 | 70-130 | |
| Vinyl chloride | 10.0 | 9.752 | 98 | 70-135 | |
| Isopropanol | 10.0 | 8.060 | 81 | 62-135 | |
| Naphthalene | 11.6 | 12.06 | 104 | 22-139 | |
| Xylenes, Total | 20.0 | 22.19 | 111 | 70-130 | |
| Methyl acrylate | 10.0 | 9.401 | 94 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.182 | 92 | 54-143 | |
| Ethyl acetate | 10.0 | 8.212 | 82 | 70-130 | |
| Methyl methacrylate | 10.0 | 10.39 | 104 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.29 | 93 | 50-130 | |
| Benzyl chloride | 10.0 | 11.43 | 114 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 11.78 | 118 | 40-157 | |
| n-Butylbenzene | 10.0 | 12.12 | 121 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 11.65 | 116 | 70-130 | |
| Acetonitrile | 10.0 | 8.196 | 82 | 59-143 | |
| Propene | 10.0 | 7.683 | 77 | 58-130 | |
| 1,4-Dioxane | 10.0 | 10.19 | 102 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X03.D

Lab ID: LCS 410-692984/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 8.908 | 89 | 70-130 | |
| Acrylonitrile | 10.0 | 9.324 | 93 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 11.84 | 118 | 56-144 | |
| Ethyl methacrylate | 10.0 | 11.21 | 112 | 67-130 | |
| sec-Butylbenzene | 10.0 | 11.68 | 117 | 66-141 | |
| N-Propylbenzene | 10.0 | 11.29 | 113 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.186 | 92 | 64-131 | |
| di-Isopropyl ether | 10.0 | 9.121 | 91 | 70-130 | |
| Cyclohexane | 10.0 | 9.184 | 92 | 61-130 | |
| Acrolein | 11.3 | 10.11 | 89 | 70-135 | |
| Ethanol | 10.0 | 12.63 | 126 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 12.49 | 125 | 60-148 | |
| Ethyl acrylate | 10.0 | 9.059 | 91 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.361 | 94 | 70-130 | |
| Vinyl acetate | 10.0 | 9.445 | 94 | 70-137 | |
| tert-Butylbenzene | 10.0 | 11.83 | 118 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X04.D

Lab ID: LCSD 410-692984/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.232 | 92 | 1 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.522 | 95 | 4 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.124 | 91 | 4 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 8.924 | 89 | 5 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.11 | 101 | 4 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 11.13 | 111 | 4 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 10.39 | 104 | 2 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 12.09 | 121 | 1 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 11.42 | 114 | 3 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 9.465 | 95 | 1 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 11.91 | 119 | 2 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 11.22 | 112 | 3 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.580 | 96 | 0 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 8.881 | 89 | 2 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 10.94 | 109 | 2 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 20.18 | 101 | 3 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.040 | 90 | 2 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 11.92 | 119 | 3 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 10.38 | 104 | 3 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 8.599 | 86 | 5 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 10.58 | 106 | 3 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 19.37 | 97 | 2 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.25 | 103 | 6 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 12.37 | 124 | 0 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 8.905 | 89 | 4 | 25 | 68-133 | |
| Acetone | 10.0 | 8.418 | 84 | 4 | 25 | 70-137 | |
| Benzene | 10.0 | 8.703 | 87 | 1 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 10.37 | 104 | 2 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.016 | 90 | 0 | 25 | 70-130 | |
| Bromoform | 10.0 | 10.39 | 104 | 4 | 25 | 60-139 | |
| Bromomethane | 10.0 | 8.853 | 89 | 3 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 8.188 | 82 | 4 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.081 | 91 | 4 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 9.009 | 90 | 1 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 10.06 | 101 | 3 | 25 | 70-132 | |
| Chloroethane | 10.0 | 9.160 | 92 | 6 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.716 | 97 | 2 | 25 | 70-130 | |
| Chloromethane | 10.0 | 8.442 | 84 | 2 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.41 | 104 | 2 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.862 | 89 | 5 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.352 | 94 | 4 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X04.D

Lab ID: LCSD 410-692984/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 11.29 | 113 | 1 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 9.221 | 92 | 4 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 9.400 | 94 | 0 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 9.346 | 93 | 4 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 9.672 | 97 | 3 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.738 | 97 | 2 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.78 | 108 | 6 | 25 | 70-130 | |
| Freon-114 | 10.0 | 9.306 | 93 | 3 | 25 | 70-130 | |
| Heptane | 10.0 | 10.14 | 101 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 3.241 | 32 | 1 | 25 | 20-163 | |
| Hexane | 10.0 | 9.818 | 98 | 4 | 25 | 61-130 | |
| Isooctane | 10.0 | 9.348 | 93 | 4 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 11.09 | 111 | 2 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 10.45 | 105 | 6 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 10.40 | 104 | 2 | 25 | 70-130 | |
| o-Xylene | 10.0 | 10.67 | 107 | 2 | 25 | 70-130 | |
| Octane | 10.0 | 8.944 | 89 | 1 | 25 | 64-130 | |
| Pentane | 10.0 | 8.459 | 85 | 6 | 25 | 58-130 | |
| Styrene | 10.0 | 11.34 | 113 | 4 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 11.49 | 115 | 3 | 25 | 70-140 | |
| Toluene | 10.0 | 9.278 | 93 | 4 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.771 | 98 | 4 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 10.51 | 105 | 1 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.897 | 89 | 1 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.599 | 96 | 3 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 10.34 | 103 | 6 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.528 | 85 | 6 | 25 | 62-135 | |
| Naphthalene | 11.6 | 12.76 | 110 | 6 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 21.76 | 109 | 2 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 9.778 | 98 | 4 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 9.539 | 95 | 4 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.539 | 85 | 4 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 10.56 | 106 | 2 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.94 | 99 | 6 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 11.08 | 111 | 3 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 11.74 | 117 | 0 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 11.72 | 117 | 3 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 11.18 | 112 | 4 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 8.438 | 84 | 3 | 25 | 59-143 | |
| Propene | 10.0 | 7.923 | 79 | 3 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 10.34 | 103 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 5G31X04.D

Lab ID: LCSD 410-692984/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.369 | 94 | 5 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 9.304 | 93 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 11.56 | 116 | 2 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.96 | 110 | 2 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 11.30 | 113 | 3 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 10.92 | 109 | 3 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.883 | 99 | 7 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 9.438 | 94 | 3 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 9.707 | 97 | 6 | 25 | 61-130 | |
| Acrolein | 11.3 | 10.42 | 92 | 3 | 25 | 70-135 | |
| Ethanol | 10.0 | 13.39 | 134 | 6 | 25 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 12.17 | 122 | 3 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 9.385 | 94 | 4 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.697 | 97 | 4 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.221 | 92 | 2 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 11.51 | 115 | 3 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X03.D

Lab ID: LCS 410-694598/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.330 | 93 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 9.887 | 99 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.560 | 96 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.243 | 92 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.18 | 102 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.78 | 108 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.236 | 92 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.393 | 84 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.010 | 90 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.838 | 88 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 7.872 | 79 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.184 | 82 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.475 | 95 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.579 | 96 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.767 | 98 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.65 | 98 | 70-130 | |
| 1,3-Butadiene | 10.0 | 9.679 | 97 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.327 | 83 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 8.058 | 81 | 64-137 | |
| 2-Butanone | 10.0 | 8.940 | 89 | 70-130 | |
| 2-Hexanone | 10.0 | 11.58 | 116 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.29 | 91 | 70-130 | |
| 3-Chloroprene | 10.0 | 10.81 | 108 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 9.449 | 94 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.63 | 106 | 68-133 | |
| Acetone | 10.0 | 10.32 | 103 | 70-137 | |
| Benzene | 10.0 | 9.631 | 96 | 70-130 | |
| Bromobenzene | 10.0 | 8.293 | 83 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.523 | 95 | 70-130 | |
| Bromoform | 10.0 | 9.113 | 91 | 60-139 | |
| Bromomethane | 10.0 | 9.303 | 93 | 70-140 | |
| Carbon disulfide | 10.0 | 9.511 | 95 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.470 | 95 | 70-130 | |
| Chlorobenzene | 10.0 | 8.786 | 88 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 12.92 | 129 | 70-132 | |
| Chloroethane | 10.0 | 10.71 | 107 | 70-131 | |
| Chloroform | 10.0 | 9.703 | 97 | 70-130 | |
| Chloromethane | 10.0 | 12.38 | 124 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.05 | 100 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.615 | 86 | 70-130 | |
| Bromoethene | 10.0 | 9.458 | 95 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X03.D

Lab ID: LCS 410-694598/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Cumene | 10.0 | 8.905 | 89 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.927 | 89 | 70-130 | |
| Dibromomethane | 10.0 | 8.780 | 88 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.22 | 102 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 10.89 | 109 | 70-136 | |
| Ethylbenzene | 10.0 | 9.301 | 93 | 70-130 | |
| Freon 113 | 10.0 | 10.34 | 103 | 70-130 | |
| Freon-114 | 10.0 | 11.29 | 113 | 70-130 | |
| Heptane | 10.0 | 9.294 | 93 | 70-130 | |
| Hexachloroethane | 10.0 | 8.220 | 82 | 20-163 | |
| Hexane | 10.0 | 10.06 | 101 | 61-130 | |
| Isooctane | 10.0 | 10.42 | 104 | 70-130 | |
| m&p-Xylene | 10.0 | 10.17 | 102 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.311 | 93 | 70-130 | |
| Methylene Chloride | 10.0 | 10.77 | 108 | 70-130 | |
| o-Xylene | 10.0 | 9.122 | 91 | 70-130 | |
| Octane | 10.0 | 10.09 | 101 | 64-130 | |
| Pentane | 10.0 | 10.78 | 108 | 58-130 | |
| Styrene | 10.0 | 8.879 | 89 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.890 | 89 | 70-140 | |
| Toluene | 10.0 | 9.462 | 95 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.604 | 96 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.675 | 97 | 70-130 | |
| Trichloroethene | 10.0 | 8.971 | 90 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.819 | 98 | 70-130 | |
| Vinyl chloride | 10.0 | 11.63 | 116 | 70-135 | |
| Isopropanol | 10.0 | 8.312 | 83 | 62-135 | |
| Naphthalene | 11.6 | 8.228 | 71 | 22-139 | |
| Xylenes, Total | 20.0 | 19.29 | 96 | 70-130 | |
| Methyl acrylate | 10.0 | 9.813 | 98 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.18 | 102 | 54-143 | |
| Ethyl acetate | 10.0 | 8.238 | 82 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.501 | 95 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 9.550 | 86 | 50-130 | |
| Benzyl chloride | 10.0 | 6.753 | 68 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 9.358 | 94 | 40-157 | |
| n-Butylbenzene | 10.0 | 8.772 | 88 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.184 | 82 | 70-130 | |
| Acetonitrile | 10.0 | 13.89 | 139 | 59-143 | |
| Propene | 10.0 | 12.60 | 126 | 58-130 | |
| 1,4-Dioxane | 10.0 | 10.49 | 105 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X03.D

Lab ID: LCS 410-694598/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Iodomethane | 10.0 | 9.916 | 99 | 70-130 | |
| Acrylonitrile | 10.0 | 10.78 | 108 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 8.865 | 89 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.17 | 102 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.324 | 93 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.453 | 85 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.708 | 97 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.42 | 114 | 70-130 | |
| Cyclohexane | 10.0 | 9.866 | 99 | 61-130 | |
| Acrolein | 11.3 | 10.89 | 96 | 70-135 | |
| Ethanol | 10.0 | 12.75 | 128 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 9.270 | 93 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.13 | 111 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.832 | 98 | 70-130 | |
| Vinyl acetate | 10.0 | 9.162 | 92 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.512 | 95 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X04.D

Lab ID: LCSD 410-694598/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.321 | 93 | 0 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 10.0 | 10.05 | 100 | 2 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.502 | 95 | 1 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 10.0 | 9.166 | 92 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethane | 10.0 | 10.25 | 102 | 1 | 25 | 70-130 | |
| 1,1-Dichloroethene | 10.0 | 10.95 | 110 | 2 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 10.0 | 9.173 | 92 | 1 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 10.0 | 8.504 | 85 | 1 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 10.0 | 8.993 | 90 | 0 | 25 | 65-146 | |
| 1,2-Dibromoethane | 10.0 | 8.811 | 88 | 0 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.014 | 80 | 2 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 10.0 | 8.170 | 82 | 0 | 25 | 61-139 | |
| 1,2-Dichloroethane | 10.0 | 9.435 | 94 | 0 | 25 | 70-131 | |
| 1,2-Dichloropropane | 10.0 | 9.582 | 96 | 0 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.785 | 98 | 0 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 20.0 | 19.87 | 99 | 1 | 25 | 70-130 | |
| 1,3-Butadiene | 10.0 | 10.01 | 100 | 3 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 10.0 | 8.322 | 83 | 0 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 10.0 | 7.997 | 80 | 1 | 25 | 64-137 | |
| 2-Butanone | 10.0 | 9.098 | 91 | 2 | 25 | 70-130 | |
| 2-Hexanone | 10.0 | 11.71 | 117 | 1 | 25 | 57-141 | |
| 1,3-Dichloropropene, Total | 20.0 | 18.21 | 91 | 0 | 25 | 70-130 | |
| 3-Chloroprene | 10.0 | 11.13 | 111 | 3 | 25 | 70-137 | |
| 4-Ethyltoluene | 10.0 | 10.93 | 109 | 14 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 10.0 | 10.82 | 108 | 2 | 25 | 68-133 | |
| Acetone | 10.0 | 10.61 | 106 | 3 | 25 | 70-137 | |
| Benzene | 10.0 | 9.707 | 97 | 1 | 25 | 70-130 | |
| Bromobenzene | 10.0 | 8.254 | 83 | 0 | 25 | 70-130 | |
| Bromodichloromethane | 10.0 | 9.425 | 94 | 1 | 25 | 70-130 | |
| Bromoform | 10.0 | 9.121 | 91 | 0 | 25 | 60-139 | |
| Bromomethane | 10.0 | 9.613 | 96 | 3 | 25 | 70-140 | |
| Carbon disulfide | 10.0 | 9.596 | 96 | 1 | 25 | 70-130 | |
| Carbon tetrachloride | 10.0 | 9.579 | 96 | 1 | 25 | 70-130 | |
| Chlorobenzene | 10.0 | 8.696 | 87 | 1 | 25 | 70-130 | |
| Chlorodifluoromethane | 10.0 | 13.23 | 132 | 2 | 25 | 70-132 | |
| Chloroethane | 10.0 | 10.72 | 107 | 0 | 25 | 70-131 | |
| Chloroform | 10.0 | 9.921 | 99 | 2 | 25 | 70-130 | |
| Chloromethane | 10.0 | 12.58 | 126 | 2 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 10.0 | 10.03 | 100 | 0 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 10.0 | 8.608 | 86 | 0 | 25 | 70-130 | |
| Bromoethene | 10.0 | 9.596 | 96 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X04.D

Lab ID: LCSD 410-694598/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Cumene | 10.0 | 8.887 | 89 | 0 | 25 | 70-137 | |
| Dibromochloromethane | 10.0 | 8.931 | 89 | 0 | 25 | 70-130 | |
| Dibromomethane | 10.0 | 8.678 | 87 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 10.0 | 10.28 | 103 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 10.0 | 11.07 | 111 | 2 | 25 | 70-136 | |
| Ethylbenzene | 10.0 | 9.235 | 92 | 1 | 25 | 70-130 | |
| Freon 113 | 10.0 | 10.53 | 105 | 2 | 25 | 70-130 | |
| Freon-114 | 10.0 | 11.36 | 114 | 1 | 25 | 70-130 | |
| Heptane | 10.0 | 9.268 | 93 | 0 | 25 | 70-130 | |
| Hexachloroethane | 10.0 | 8.146 | 81 | 1 | 25 | 20-163 | |
| Hexane | 10.0 | 10.26 | 103 | 2 | 25 | 61-130 | |
| Isooctane | 10.0 | 10.33 | 103 | 1 | 25 | 70-130 | |
| m&p-Xylene | 10.0 | 10.21 | 102 | 0 | 25 | 70-130 | |
| Methyl t-butyl ether | 10.0 | 9.495 | 95 | 2 | 25 | 70-130 | |
| Methylene Chloride | 10.0 | 10.94 | 109 | 2 | 25 | 70-130 | |
| o-Xylene | 10.0 | 9.174 | 92 | 1 | 25 | 70-130 | |
| Octane | 10.0 | 9.980 | 100 | 1 | 25 | 64-130 | |
| Pentane | 10.0 | 11.10 | 111 | 3 | 25 | 58-130 | |
| Styrene | 10.0 | 8.885 | 89 | 0 | 25 | 70-133 | |
| Tetrachloroethene | 10.0 | 8.867 | 89 | 0 | 25 | 70-140 | |
| Toluene | 10.0 | 9.411 | 94 | 1 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 10.0 | 9.837 | 98 | 2 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 10.0 | 9.598 | 96 | 1 | 25 | 70-130 | |
| Trichloroethene | 10.0 | 8.926 | 89 | 1 | 25 | 70-130 | |
| Trichlorofluoromethane | 10.0 | 9.844 | 98 | 0 | 25 | 70-130 | |
| Vinyl chloride | 10.0 | 11.85 | 118 | 2 | 25 | 70-135 | |
| Isopropanol | 10.0 | 8.979 | 90 | 8 | 25 | 62-135 | |
| Naphthalene | 11.6 | 8.386 | 72 | 2 | 25 | 22-139 | |
| Xylenes, Total | 20.0 | 19.38 | 97 | 0 | 25 | 70-130 | |
| Methyl acrylate | 10.0 | 9.955 | 100 | 1 | 25 | 70-137 | |
| Tetrahydrofuran | 10.0 | 10.54 | 105 | 3 | 25 | 54-143 | |
| Ethyl acetate | 10.0 | 8.476 | 85 | 3 | 25 | 70-130 | |
| Methyl methacrylate | 10.0 | 9.458 | 95 | 0 | 25 | 70-130 | |
| tert-Butyl alcohol | 11.1 | 10.39 | 94 | 8 | 25 | 50-130 | |
| Benzyl chloride | 10.0 | 6.757 | 68 | 0 | 25 | 57-142 | |
| Hexachlorobutadiene | 10.0 | 9.349 | 93 | 0 | 25 | 40-157 | |
| n-Butylbenzene | 10.0 | 8.781 | 88 | 0 | 25 | 57-143 | |
| 2-Chlorotoluene | 10.0 | 8.216 | 82 | 0 | 25 | 70-130 | |
| Acetonitrile | 10.0 | 13.88 | 139 | 0 | 25 | 59-143 | |
| Propene | 10.0 | 12.94 | 129 | 3 | 25 | 58-130 | |
| 1,4-Dioxane | 10.0 | 10.64 | 106 | 1 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 7S04X04.D

Lab ID: LCSD 410-694598/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Iodomethane | 10.0 | 10.17 | 102 | 3 | 25 | 70-130 | |
| Acrylonitrile | 10.0 | 10.98 | 110 | 2 | 25 | 70-138 | |
| Alpha Methyl Styrene | 10.0 | 8.847 | 88 | 0 | 25 | 56-144 | |
| Ethyl methacrylate | 10.0 | 10.22 | 102 | 0 | 25 | 67-130 | |
| sec-Butylbenzene | 10.0 | 9.236 | 92 | 1 | 25 | 66-141 | |
| N-Propylbenzene | 10.0 | 8.340 | 83 | 1 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 10.0 | 9.935 | 99 | 2 | 25 | 64-131 | |
| di-Isopropyl ether | 10.0 | 11.64 | 116 | 2 | 25 | 70-130 | |
| Cyclohexane | 10.0 | 10.21 | 102 | 3 | 25 | 61-130 | |
| Acrolein | 11.3 | 11.19 | 99 | 3 | 25 | 70-135 | |
| Ethanol | 10.0 | 14.37 | 144 | 12 | 25 | 62-150 | |
| p-Isopropyltoluene | 10.0 | 9.248 | 92 | 0 | 25 | 60-148 | |
| Ethyl acrylate | 10.0 | 11.10 | 111 | 0 | 25 | 70-130 | |
| Tert-amyl methyl ether | 10.0 | 9.758 | 98 | 1 | 25 | 70-130 | |
| Vinyl acetate | 10.0 | 9.296 | 93 | 1 | 25 | 70-137 | |
| tert-Butylbenzene | 10.0 | 9.457 | 95 | 1 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X04.D

Lab ID: LCS 410-697757/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 5.00 | 4.948 | 99 | 70-133 | |
| 1,1,1-Trichloroethane | 5.00 | 4.563 | 91 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 5.00 | 4.485 | 90 | 61-130 | |
| 1,1,2-Trichloroethane | 5.00 | 4.853 | 97 | 70-130 | |
| 1,1-Dichloroethane | 5.00 | 4.918 | 98 | 70-130 | |
| 1,1-Dichloroethene | 5.00 | 5.181 | 104 | 70-131 | |
| 1,2,3-Trichloropropane | 5.00 | 4.314 | 86 | 70-130 | |
| 1,2,4-Trichlorobenzene | 5.00 | 5.541 | 111 | 52-143 | |
| 1,2,4-Trimethylbenzene | 5.00 | 4.083 | 82 | 65-146 | |
| 1,2-Dibromoethane | 5.00 | 4.934 | 99 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 5.00 | 5.064 | 101 | 52-140 | |
| 1,2-Dichlorobenzene | 5.00 | 4.492 | 90 | 61-139 | |
| 1,2-Dichloroethane | 5.00 | 4.940 | 99 | 70-131 | |
| 1,2-Dichloropropane | 5.00 | 4.598 | 92 | 70-130 | |
| 1,3,5-Trimethylbenzene | 5.00 | 4.222 | 84 | 69-141 | |
| 1,2-Dichloroethene (total) | 10.0 | 9.336 | 93 | 70-130 | |
| 1,3-Butadiene | 5.00 | 4.741 | 95 | 70-131 | |
| 1,3-Dichlorobenzene | 5.00 | 4.557 | 91 | 64-140 | |
| 1,4-Dichlorobenzene | 5.00 | 4.463 | 89 | 64-137 | |
| 2-Butanone | 5.00 | 4.099 | 82 | 70-130 | |
| 2-Hexanone | 5.00 | 4.535 | 91 | 57-141 | |
| 3-Chloroprene | 5.00 | 4.446 | 89 | 70-137 | |
| 4-Ethyltoluene | 5.00 | 4.344 | 87 | 69-139 | |
| 4-Methyl-2-pentanone | 5.00 | 4.403 | 88 | 68-133 | |
| Acetone | 5.00 | 4.529 J | 91 | 70-137 | |
| Benzene | 5.00 | 5.128 | 103 | 70-130 | |
| Bromobenzene | 5.00 | 4.267 | 85 | 70-130 | |
| Bromodichloromethane | 5.00 | 4.605 | 92 | 70-130 | |
| Bromoform | 5.00 | 4.653 | 93 | 60-139 | |
| Bromomethane | 5.00 | 5.806 | 116 | 70-140 | |
| Carbon disulfide | 5.00 | 3.930 | 79 | 70-130 | |
| Carbon tetrachloride | 5.00 | 4.723 | 94 | 70-130 | |
| Chlorobenzene | 5.00 | 4.550 | 91 | 70-130 | |
| Chlorodifluoromethane | 5.00 | 5.247 | 105 | 70-132 | |
| Chloroethane | 5.00 | 5.035 | 101 | 70-131 | |
| Chloroform | 5.00 | 4.990 | 100 | 70-130 | |
| Chloromethane | 5.00 | 4.974 | 99 | 64-138 | |
| cis-1,2-Dichloroethene | 5.00 | 4.762 | 95 | 70-130 | |
| cis-1,3-Dichloropropene | 5.00 | 4.252 | 85 | 70-130 | |
| Bromoethene | 5.00 | 4.545 | 91 | 70-130 | |
| Cumene | 5.00 | 4.273 | 85 | 70-137 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X04.D

Lab ID: LCS 410-697757/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Dibromochloromethane | 5.00 | 4.955 | 99 | 70-130 | |
| Dibromomethane | 5.00 | 4.715 | 94 | 70-130 | |
| Dichlorodifluoromethane | 5.00 | 5.119 | 102 | 70-131 | |
| Dichlorofluoromethane | 5.00 | 4.942 | 99 | 70-136 | |
| Ethylbenzene | 5.00 | 4.390 | 88 | 70-130 | |
| Freon 113 | 5.00 | 5.284 | 106 | 70-130 | |
| Freon-114 | 5.00 | 4.900 | 98 | 70-130 | |
| Heptane | 5.00 | 4.566 | 91 | 70-130 | |
| Hexachloroethane | 5.00 | 5.277 | 106 | 20-163 | |
| Hexane | 5.00 | 4.156 | 83 | 61-130 | |
| Isooctane | 5.00 | 4.897 | 98 | 70-130 | |
| m&p-Xylene | 5.00 | 4.618 | 92 | 70-130 | |
| Methyl t-butyl ether | 5.00 | 4.157 | 83 | 70-130 | |
| Methylene Chloride | 5.00 | 4.803 | 96 | 70-130 | |
| o-Xylene | 5.00 | 4.021 | 80 | 70-130 | |
| Octane | 5.00 | 4.594 | 92 | 64-130 | |
| Pentane | 5.00 | 4.446 | 89 | 58-130 | |
| Styrene | 5.00 | 4.216 | 84 | 70-133 | |
| Tetrachloroethene | 5.00 | 4.407 | 88 | 70-140 | |
| Toluene | 5.00 | 4.711 | 94 | 70-130 | |
| trans-1,2-Dichloroethene | 5.00 | 4.574 | 91 | 70-130 | |
| trans-1,3-Dichloropropene | 5.00 | 4.854 | 97 | 70-130 | |
| Trichloroethene | 5.00 | 5.041 | 101 | 70-130 | |
| Trichlorofluoromethane | 5.00 | 4.790 | 96 | 70-130 | |
| Vinyl chloride | 5.00 | 5.152 | 103 | 70-135 | |
| Isopropanol | 5.00 | 3.576 | 72 | 62-135 | |
| Naphthalene | 5.80 | 5.437 | 94 | 22-139 | |
| Xylenes, Total | 10.0 | 8.639 | 86 | 70-130 | |
| Methyl acrylate | 5.00 | 4.164 | 83 | 70-137 | |
| Tetrahydrofuran | 5.00 | 4.258 | 85 | 54-143 | |
| Ethyl acetate | 5.00 | 3.892 | 78 | 70-130 | |
| Methyl methacrylate | 5.00 | 4.211 | 84 | 70-130 | |
| tert-Butyl alcohol | 5.55 | 4.446 | 80 | 50-130 | |
| Benzyl chloride | 5.00 | 3.971 | 79 | 57-142 | |
| Hexachlorobutadiene | 5.00 | 6.204 | 124 | 40-157 | |
| n-Butylbenzene | 5.00 | 4.359 | 87 | 57-143 | |
| 2-Chlorotoluene | 5.00 | 4.217 | 84 | 70-130 | |
| Acetonitrile | 5.00 | 5.336 | 107 | 59-143 | |
| Propene | 5.00 | 4.498 | 90 | 58-130 | |
| 1,4-Dioxane | 5.00 | 4.667 | 93 | 70-130 | |
| Iodomethane | 5.00 | 4.978 | 100 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X04.D

Lab ID: LCS 410-697757/4  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Acrylonitrile | 5.00 | 4.405 | 88 | 70-138 | |
| Alpha Methyl Styrene | 5.00 | 4.084 | 82 | 56-144 | |
| Ethyl methacrylate | 5.00 | 4.533 | 91 | 67-130 | |
| sec-Butylbenzene | 5.00 | 4.271 | 85 | 66-141 | |
| N-Propylbenzene | 5.00 | 4.162 | 83 | 70-130 | |
| Ethyl tert-butyl ether | 5.00 | 4.254 | 85 | 64-131 | |
| di-Isopropyl ether | 5.00 | 4.231 | 85 | 70-130 | |
| Cyclohexane | 5.00 | 4.128 | 83 | 61-130 | |
| Acrolein | 5.65 | 4.065 J | 72 | 70-135 | |
| Ethanol | 5.00 | 5.496 | 110 | 62-150 | |
| p-Isopropyltoluene | 5.00 | 4.193 | 84 | 60-148 | |
| Ethyl acrylate | 5.00 | 4.267 | 85 | 70-130 | |
| Tert-amyl methyl ether | 5.00 | 4.425 | 89 | 70-130 | |
| Vinyl acetate | 5.00 | 5.061 | 101 | 70-137 | |
| tert-Butylbenzene | 5.00 | 4.335 J | 87 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X05.D

Lab ID: LCSD 410-697757/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 5.00 | 4.832 | 97 | 2 | 25 | 70-133 | |
| 1,1,1-Trichloroethane | 5.00 | 4.515 | 90 | 1 | 25 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | 5.00 | 4.392 | 88 | 2 | 25 | 61-130 | |
| 1,1,2-Trichloroethane | 5.00 | 4.869 | 97 | 0 | 25 | 70-130 | |
| 1,1-Dichloroethane | 5.00 | 4.936 | 99 | 0 | 25 | 70-130 | |
| 1,1-Dichloroethene | 5.00 | 5.177 | 104 | 0 | 25 | 70-131 | |
| 1,2,3-Trichloropropane | 5.00 | 4.244 | 85 | 2 | 25 | 70-130 | |
| 1,2,4-Trichlorobenzene | 5.00 | 5.729 | 115 | 3 | 25 | 52-143 | |
| 1,2,4-Trimethylbenzene | 5.00 | 4.057 | 81 | 1 | 25 | 65-146 | |
| 1,2-Dibromoethane | 5.00 | 4.817 | 96 | 2 | 25 | 70-130 | |
| 1,2-Dibromo-3-Chloropropane | 5.00 | 5.039 | 101 | 0 | 25 | 52-140 | |
| 1,2-Dichlorobenzene | 5.00 | 4.464 | 89 | 1 | 25 | 61-139 | |
| 1,2-Dichloroethane | 5.00 | 4.907 | 98 | 1 | 25 | 70-131 | |
| 1,2-Dichloropropane | 5.00 | 4.475 | 89 | 3 | 25 | 70-130 | |
| 1,3,5-Trimethylbenzene | 5.00 | 4.136 | 83 | 2 | 25 | 69-141 | |
| 1,2-Dichloroethene (total) | 10.0 | 9.366 | 94 | 0 | 25 | 70-130 | |
| 1,3-Butadiene | 5.00 | 4.819 | 96 | 2 | 25 | 70-131 | |
| 1,3-Dichlorobenzene | 5.00 | 4.532 | 91 | 1 | 25 | 64-140 | |
| 1,4-Dichlorobenzene | 5.00 | 4.420 | 88 | 1 | 25 | 64-137 | |
| 2-Butanone | 5.00 | 4.107 | 82 | 0 | 25 | 70-130 | |
| 2-Hexanone | 5.00 | 4.497 | 90 | 1 | 25 | 57-141 | |
| 3-Chloroprene | 5.00 | 4.525 | 91 | 2 | 25 | 70-137 | |
| 4-Ethyltoluene | 5.00 | 4.354 | 87 | 0 | 25 | 69-139 | |
| 4-Methyl-2-pentanone | 5.00 | 4.320 | 86 | 2 | 25 | 68-133 | |
| Acetone | 5.00 | 4.533 J | 91 | 0 | 25 | 70-137 | |
| Benzene | 5.00 | 5.077 | 102 | 1 | 25 | 70-130 | |
| Bromobenzene | 5.00 | 4.184 | 84 | 2 | 25 | 70-130 | |
| Bromodichloromethane | 5.00 | 4.604 | 92 | 0 | 25 | 70-130 | |
| Bromoform | 5.00 | 4.555 | 91 | 2 | 25 | 60-139 | |
| Bromomethane | 5.00 | 5.888 | 118 | 1 | 25 | 70-140 | |
| Carbon disulfide | 5.00 | 3.987 | 80 | 1 | 25 | 70-130 | |
| Carbon tetrachloride | 5.00 | 4.676 | 94 | 1 | 25 | 70-130 | |
| Chlorobenzene | 5.00 | 4.465 | 89 | 2 | 25 | 70-130 | |
| Chlorodifluoromethane | 5.00 | 5.216 | 104 | 1 | 25 | 70-132 | |
| Chloroethane | 5.00 | 5.033 | 101 | 0 | 25 | 70-131 | |
| Chloroform | 5.00 | 4.894 | 98 | 2 | 25 | 70-130 | |
| Chloromethane | 5.00 | 4.912 | 98 | 1 | 25 | 64-138 | |
| cis-1,2-Dichloroethene | 5.00 | 4.745 | 95 | 0 | 25 | 70-130 | |
| cis-1,3-Dichloropropene | 5.00 | 4.247 | 85 | 0 | 25 | 70-130 | |
| Bromoethene | 5.00 | 4.544 | 91 | 0 | 25 | 70-130 | |
| Cumene | 5.00 | 4.166 | 83 | 3 | 25 | 70-137 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X05.D

Lab ID: LCSD 410-697757/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | 5.00 | 4.833 | 97 | 2 | 25 | 70-130 | |
| Dibromomethane | 5.00 | 4.661 | 93 | 1 | 25 | 70-130 | |
| Dichlorodifluoromethane | 5.00 | 5.151 | 103 | 1 | 25 | 70-131 | |
| Dichlorofluoromethane | 5.00 | 4.964 | 99 | 0 | 25 | 70-136 | |
| Ethylbenzene | 5.00 | 4.339 | 87 | 1 | 25 | 70-130 | |
| Freon 113 | 5.00 | 5.343 | 107 | 1 | 25 | 70-130 | |
| Freon-114 | 5.00 | 4.875 | 97 | 1 | 25 | 70-130 | |
| Heptane | 5.00 | 4.546 | 91 | 0 | 25 | 70-130 | |
| Hexachloroethane | 5.00 | 5.185 | 104 | 2 | 25 | 20-163 | |
| Hexane | 5.00 | 4.142 | 83 | 0 | 25 | 61-130 | |
| Isooctane | 5.00 | 4.869 | 97 | 1 | 25 | 70-130 | |
| m&p-Xylene | 5.00 | 4.523 | 90 | 2 | 25 | 70-130 | |
| Methyl t-butyl ether | 5.00 | 4.166 | 83 | 0 | 25 | 70-130 | |
| Methylene Chloride | 5.00 | 4.807 | 96 | 0 | 25 | 70-130 | |
| o-Xylene | 5.00 | 3.988 | 80 | 1 | 25 | 70-130 | |
| Octane | 5.00 | 4.478 | 90 | 3 | 25 | 64-130 | |
| Pentane | 5.00 | 4.413 | 88 | 1 | 25 | 58-130 | |
| Styrene | 5.00 | 4.158 | 83 | 1 | 25 | 70-133 | |
| Tetrachloroethene | 5.00 | 4.339 | 87 | 2 | 25 | 70-140 | |
| Toluene | 5.00 | 4.695 | 94 | 0 | 25 | 70-130 | |
| trans-1,2-Dichloroethene | 5.00 | 4.621 | 92 | 1 | 25 | 70-130 | |
| trans-1,3-Dichloropropene | 5.00 | 4.756 | 95 | 2 | 25 | 70-130 | |
| Trichloroethene | 5.00 | 5.026 | 101 | 0 | 25 | 70-130 | |
| Trichlorofluoromethane | 5.00 | 4.765 | 95 | 1 | 25 | 70-130 | |
| Vinyl chloride | 5.00 | 5.110 | 102 | 1 | 25 | 70-135 | |
| Isopropanol | 5.00 | 3.616 | 72 | 1 | 25 | 62-135 | |
| Naphthalene | 5.80 | 5.721 | 99 | 5 | 25 | 22-139 | |
| Xylenes, Total | 10.0 | 8.511 | 85 | 1 | 25 | 70-130 | |
| Methyl acrylate | 5.00 | 4.131 | 83 | 1 | 25 | 70-137 | |
| Tetrahydrofuran | 5.00 | 4.392 | 88 | 3 | 25 | 54-143 | |
| Ethyl acetate | 5.00 | 3.758 | 75 | 4 | 25 | 70-130 | |
| Methyl methacrylate | 5.00 | 4.182 | 84 | 1 | 25 | 70-130 | |
| tert-Butyl alcohol | 5.55 | 4.521 | 81 | 2 | 25 | 50-130 | |
| Benzyl chloride | 5.00 | 3.992 | 80 | 1 | 25 | 57-142 | |
| Hexachlorobutadiene | 5.00 | 6.234 | 125 | 0 | 25 | 40-157 | |
| n-Butylbenzene | 5.00 | 4.340 | 87 | 0 | 25 | 57-143 | |
| 2-Chlorotoluene | 5.00 | 4.223 | 84 | 0 | 25 | 70-130 | |
| Acetonitrile | 5.00 | 5.326 | 107 | 0 | 25 | 59-143 | |
| Propene | 5.00 | 4.515 | 90 | 0 | 25 | 58-130 | |
| 1,4-Dioxane | 5.00 | 4.673 | 93 | 0 | 25 | 70-130 | |
| Iodomethane | 5.00 | 4.966 | 99 | 0 | 25 | 70-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Matrix: Air  Level: Low  Lab File ID: 6S11X05.D

Lab ID: LCSD 410-697757/5  Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCSD CONCENTRATION (ppb v/v) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Acrylonitrile | 5.00 | 4.401 | 88 | 0 | 25 | 70-138 | |
| Alpha Methyl Styrene | 5.00 | 4.125 | 82 | 1 | 25 | 56-144 | |
| Ethyl methacrylate | 5.00 | 4.439 | 89 | 2 | 25 | 67-130 | |
| sec-Butylbenzene | 5.00 | 4.239 | 85 | 1 | 25 | 66-141 | |
| N-Propylbenzene | 5.00 | 4.095 | 82 | 2 | 25 | 70-130 | |
| Ethyl tert-butyl ether | 5.00 | 4.327 | 87 | 2 | 25 | 64-131 | |
| di-Isopropyl ether | 5.00 | 4.237 | 85 | 0 | 25 | 70-130 | |
| Cyclohexane | 5.00 | 4.088 | 82 | 1 | 25 | 61-130 | |
| Acrolein | 5.65 | 4.169 J | 74 | 3 | 25 | 70-135 | |
| Ethanol | 5.00 | 5.605 | 112 | 2 | 25 | 62-150 | |
| p-Isopropyltoluene | 5.00 | 4.119 | 82 | 2 | 25 | 60-148 | |
| Ethyl acrylate | 5.00 | 4.256 | 85 | 0 | 25 | 70-130 | |
| Tert-amyl methyl ether | 5.00 | 4.494 | 90 | 2 | 25 | 70-130 | |
| Vinyl acetate | 5.00 | 4.895 | 98 | 3 | 25 | 70-137 | |
| tert-Butylbenzene | 5.00 | 4.263 J | 85 | 2 | 25 | 63-130 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab File ID: 7G17X11.D  Lab Sample ID: MB 410-686637/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/18/2025 09:38

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-686637/4 | 7G17X08.D | 08/18/2025 08:11 |
| | LCSD 410-686637/5 | 7G17X09.D | 08/18/2025 08:40 |
| 1907 | 410-237855-1 | 7G17X24.D | 08/18/2025 16:16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-686637/7

Matrix: Air
Lab File ID: 7G17X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 09:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-686637/7

Matrix: Air
Lab File ID: 7G17X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 09:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-686637/7

Matrix: Air
Lab File ID: 7G17X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 09:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-686637/7

Matrix: Air
Lab File ID: 7G17X11.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 09:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X11.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Aug-2025 09:38:09 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0156852-007
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 19-Aug-2025 08:50:17 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1624

First Level Reviewer: D7UM Date: 18-Aug-2025 14:33:46

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.392 | 6.392 | 0.015 | 93 | 17575 | | 0.2944 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 95 | 575643 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.540 | 0.007 | 60 | 752633 | 10.0 | 10.2 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.007 | 95 | 2074320 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.060 | 0.008 | 94 | 2218082 | 10.0 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.464 | 0.008 | 86 | 1963963 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend
Processing Flags

## Reagents:
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Aug-2025 09:12:54 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X11.D

Injection Date: 18-Aug-2025 09:38:09 Instrument ID: HP8R004

Lims ID: MB

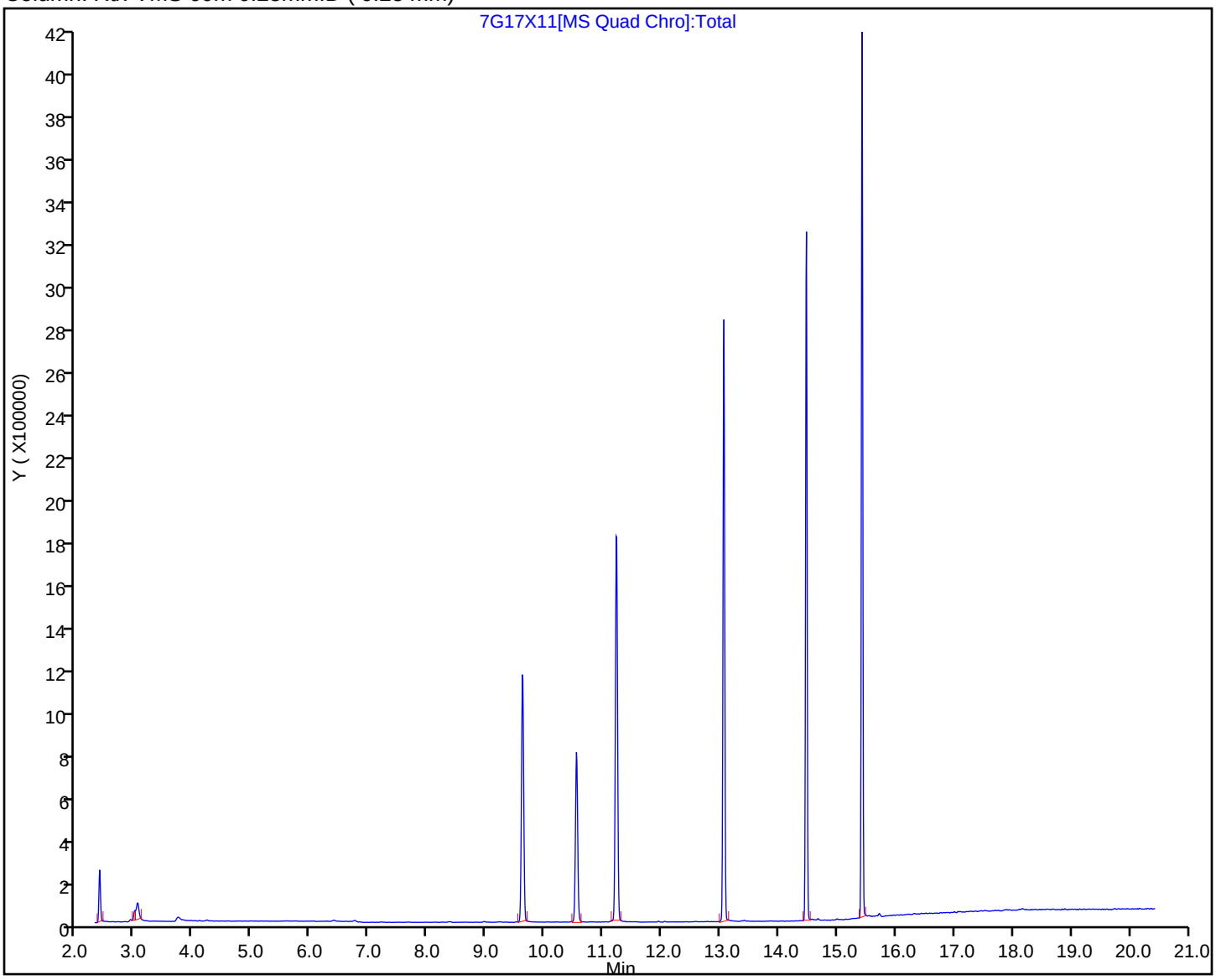
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



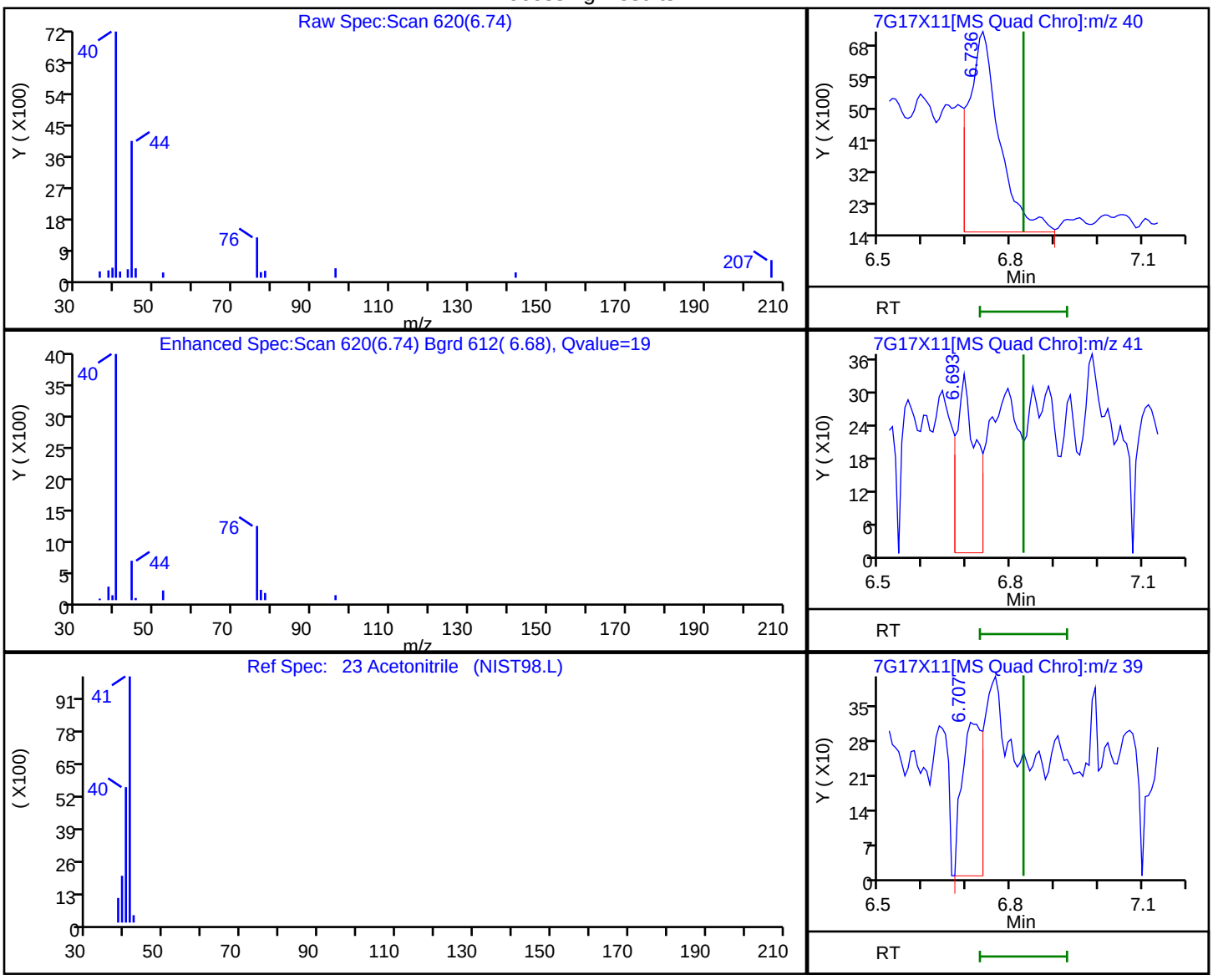
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X11.D | | | | |
| Injection Date: | 18-Aug-2025 09:38:09 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.74 | 40.00 | 26761 | 1.935296 |
| 6.69 | 41.00 | 914 | |
| 6.71 | 39.00 | 948 | |

Reviewer: D7UM, 18-Aug-2025 14:31:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

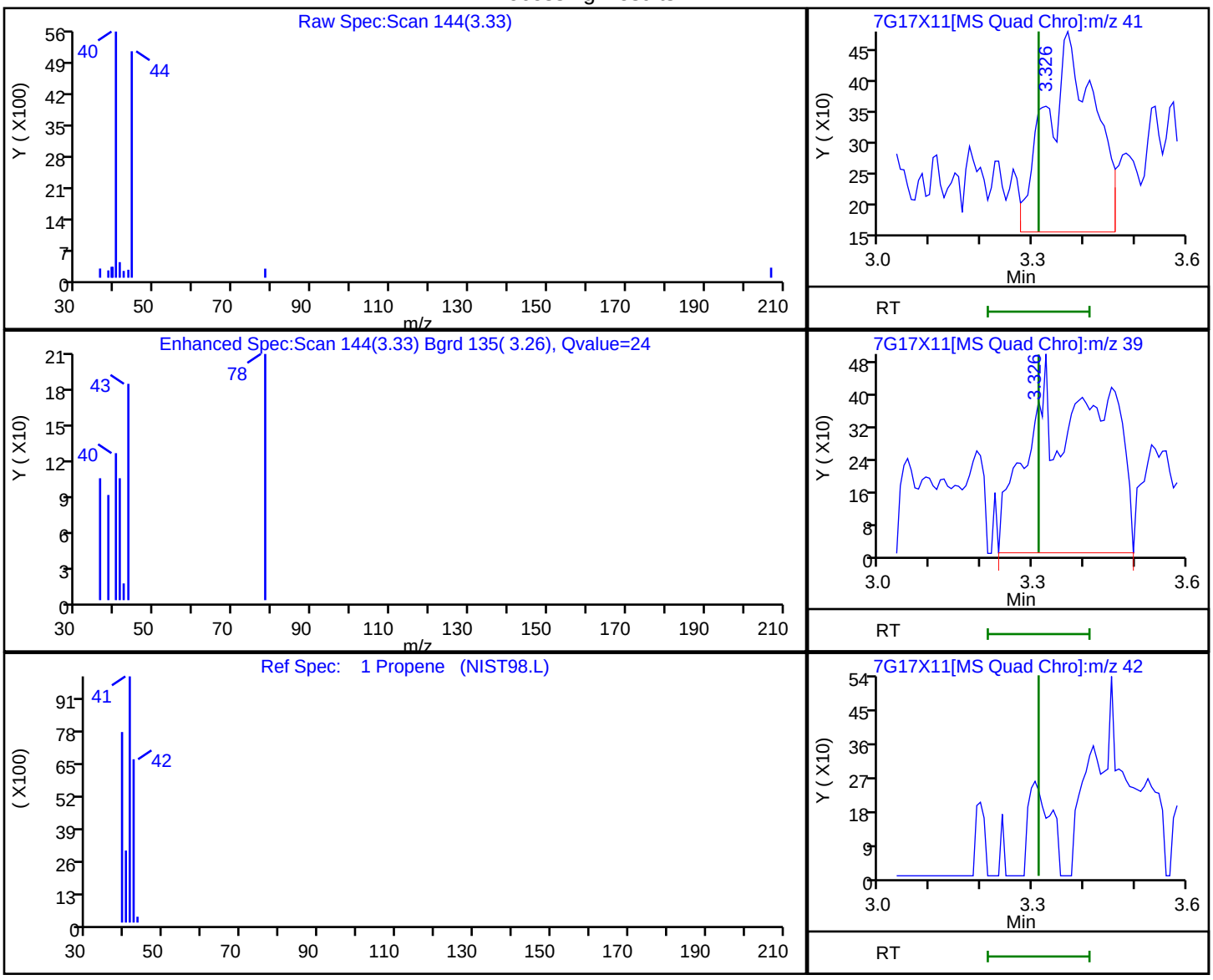
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X11.D | | | | |
| Injection Date: | 18-Aug-2025 09:38:09 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 41.00 | 2090 | 0.085963 |
| 3.33 | 39.00 | 4645 | |
| 3.45 | 42.00 | 3092 | |

Reviewer: D7UM, 18-Aug-2025 14:31:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab File ID: 7G24X06.D  Lab Sample ID: MB 410-689842/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/24/2025 20:36

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-689842/4 | 7G24X03.D | 08/24/2025 19:01 |
| | LCSD 410-689842/5 | 7G24X04.D | 08/24/2025 19:30 |
| 1501 | 410-238933-1 | 7G24X24.D | 08/25/2025 16:03 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-689842/7

Matrix: Air  Lab File ID: 7G24X06.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/24/2025 20:36

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 689842  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-689842/7

Matrix: Air
Lab File ID: 7G24X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/24/2025 20:36

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-689842/7

Matrix: Air
Lab File ID: 7G24X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/24/2025 20:36

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-689842/7

Matrix: Air
Lab File ID: 7G24X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/24/2025 20:36

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Aug-2025 20:36:44 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0157548-007
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 26-Aug-2025 08:32:40 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: D7UM Date: 25-Aug-2025 07:41:54

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 3.311 | 3.312 | -0.001 | 83 | 1405 | | 0.0834 | M |
| 18 Acetone | 43 | 6.391 | 6.377 | 0.014 | 96 | 23849 | | 0.5764 | M |
| * 39 Chlorobromomethane (IS) | 130 | 9.622 | 9.608 | 0.014 | 87 | 398955 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 55 | 489904 | 10.0 | 9.57 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.220 | 0.006 | 94 | 1426911 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.060 | 13.061 | -0.001 | 93 | 1496050 | 10.0 | 9.81 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.471 | 14.472 | -0.001 | 85 | 1353544 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

AIRIS200 ppb_00516 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 26-Aug-2025 08:32:52 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X06.D

Injection Date: 24-Aug-2025 20:36:44 Instrument ID: HP8R004

Lims ID: MB

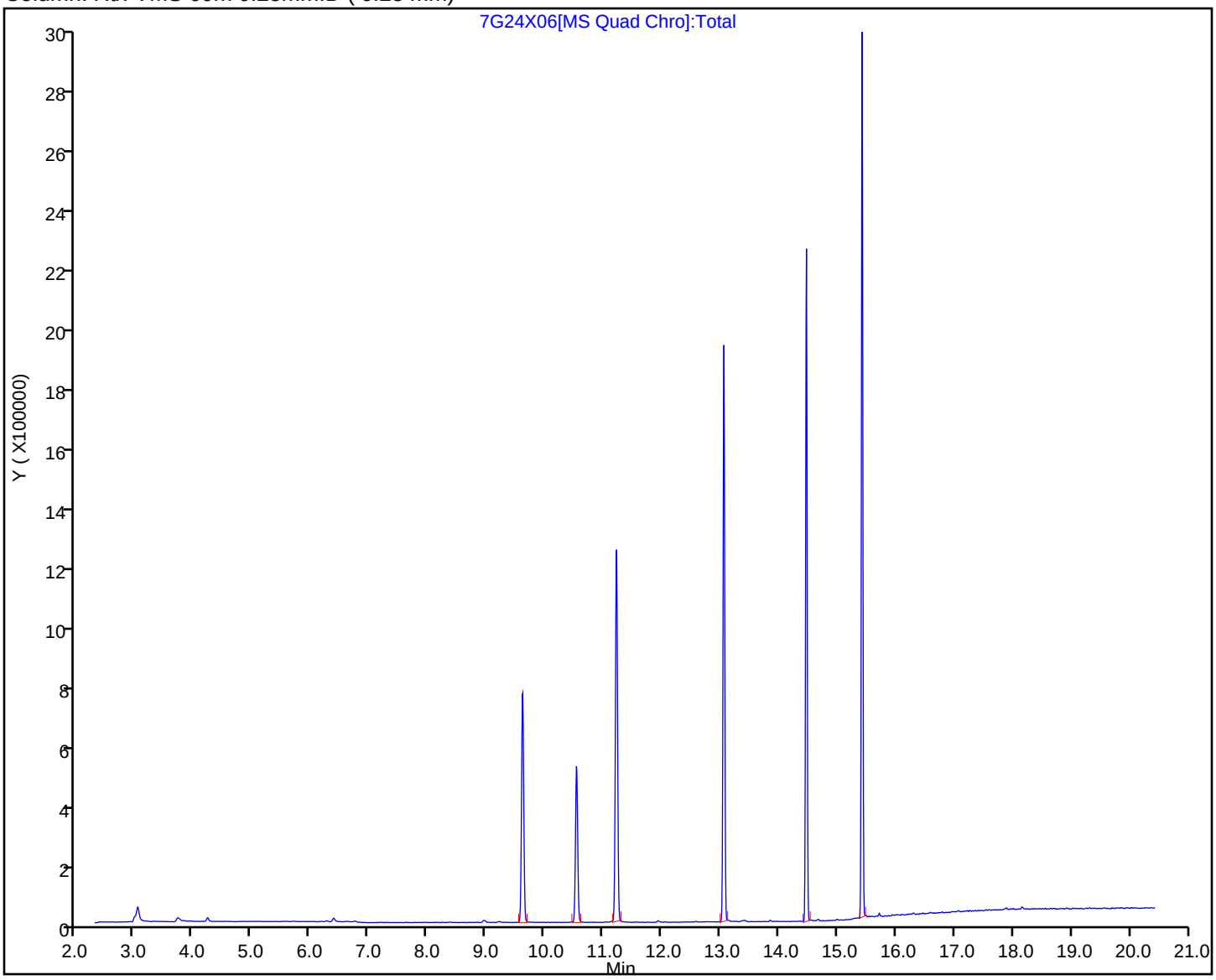
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

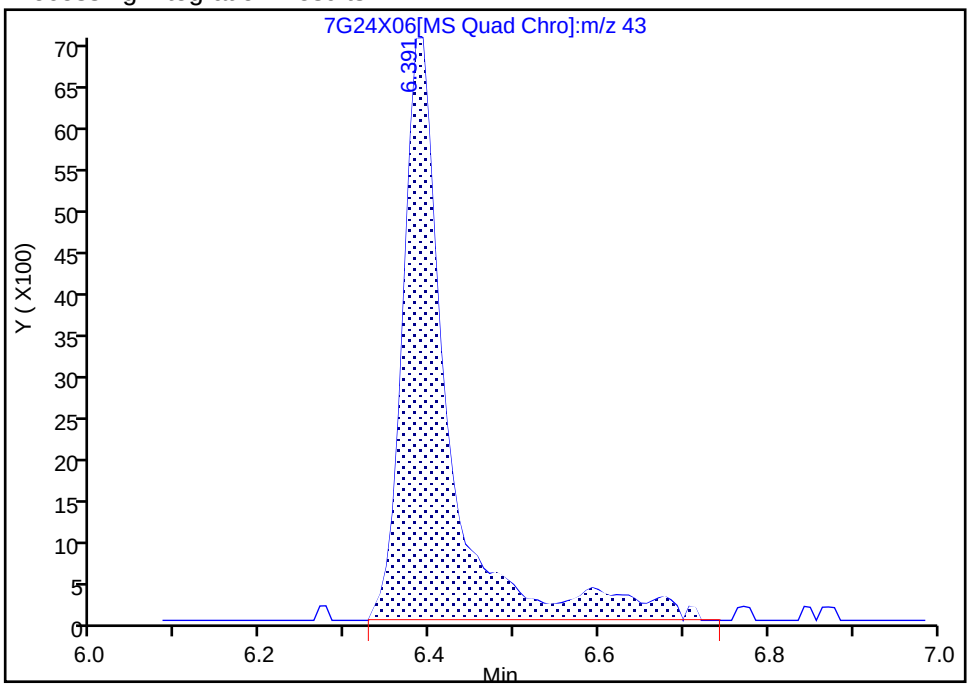
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X06.D | | | | |
| Injection Date: | 24-Aug-2025 20:36:44 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

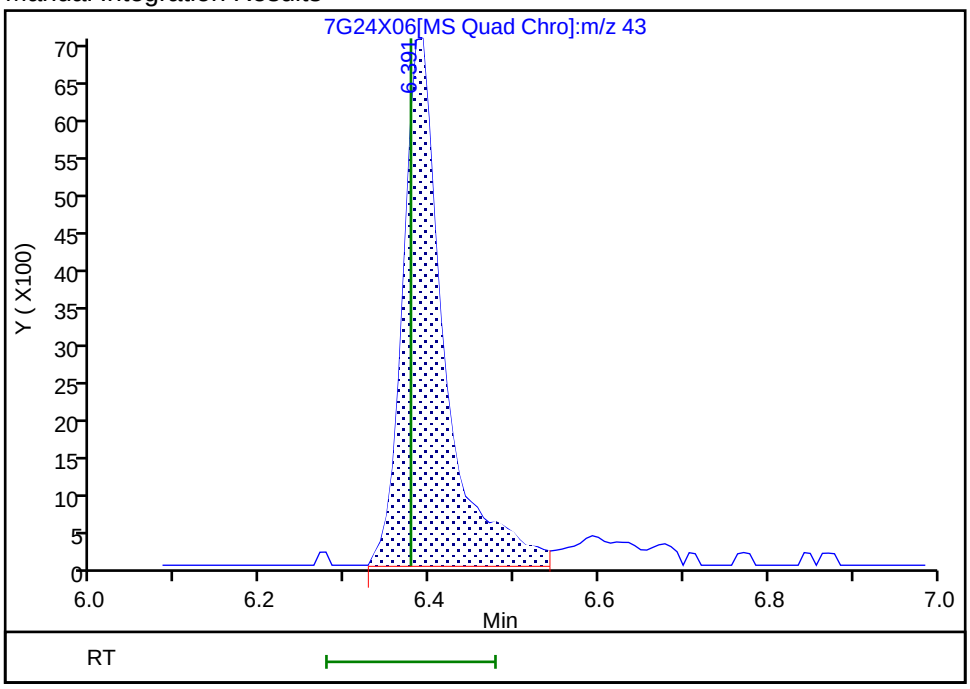
Processing Integration Results

RT: 6.39
Area: 26508
Amount: 0.640644
Amount Units: ppb v/v




Manual Integration Results

RT: 6.39
Area: 23849
Amount: 0.576381
Amount Units: ppb v/v




Reviewer: D7UM, 25-Aug-2025 07:41:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

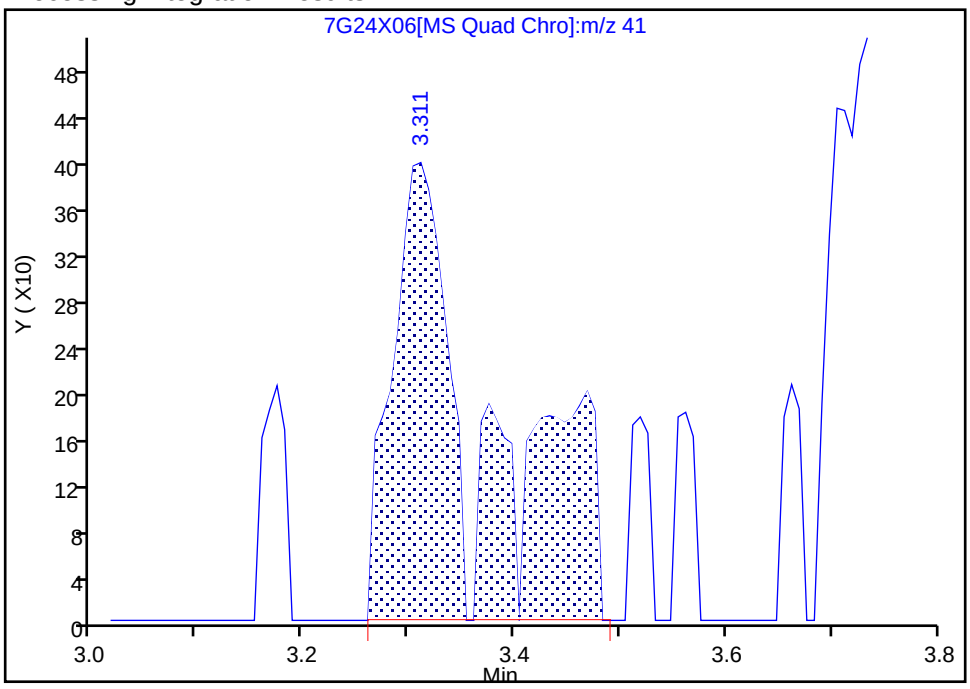
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X06.D | | | | |
| Injection Date: | 24-Aug-2025 20:36:44 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Signal: 1

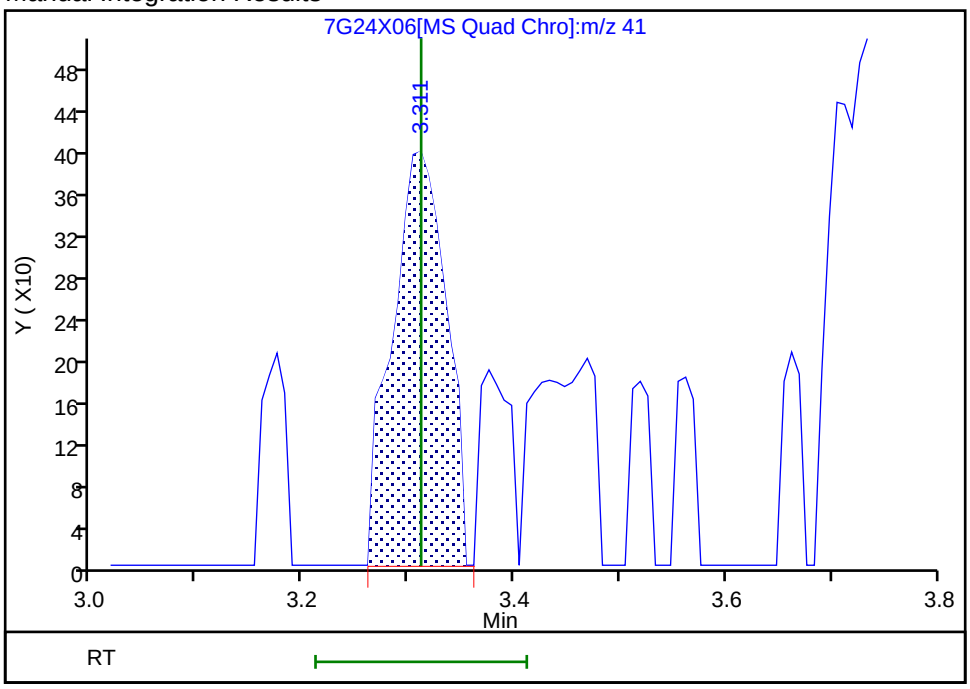
Processing Integration Results

RT: 3.31
Area: 2523
Amount: 0.149732
Amount Units: ppb v/v




Manual Integration Results

RT: 3.31
Area: 1405
Amount: 0.083382
Amount Units: ppb v/v




Reviewer: D7UM, 25-Aug-2025 07:41:24 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab File ID: 7G27X10.D  Lab Sample ID: MB 410-691081/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 08/27/2025 14:38

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-691081/4 | 7G27X07.D | 08/27/2025 13:10 |
| | LCSD 410-691081/5 | 7G27X08.D | 08/27/2025 13:39 |
| 1651 | 410-239418-1 | 7G27X11.D | 08/27/2025 15:08 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-691081/7

Matrix: Air
Lab File ID: 7G27X10.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 14:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-691081/7

Matrix: Air
Lab File ID: 7G27X10.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 14:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-691081/7

Matrix: Air
Lab File ID: 7G27X10.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 14:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-691081/7

Matrix: Air
Lab File ID: 7G27X10.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 14:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X10.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 27-Aug-2025 14:38:55 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0157860-007
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 28-Aug-2025 13:37:38 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: D7UM Date: 28-Aug-2025 13:10:12

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 88 | 428216 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.539 | 10.532 | 0.007 | 61 | 528510 | 10.0 | 9.62 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 94 | 1573432 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.053 | 13.053 | 0.000 | 93 | 1632220 | 10.0 | 9.89 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.465 | 0.000 | 86 | 1464850 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend
Processing Flags

## Reagents:
AIRIS200 ppb_00516 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Aug-2025 13:37:40 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X10.D

Injection Date: 27-Aug-2025 14:38:55 Instrument ID: HP8R004

Lims ID: MB

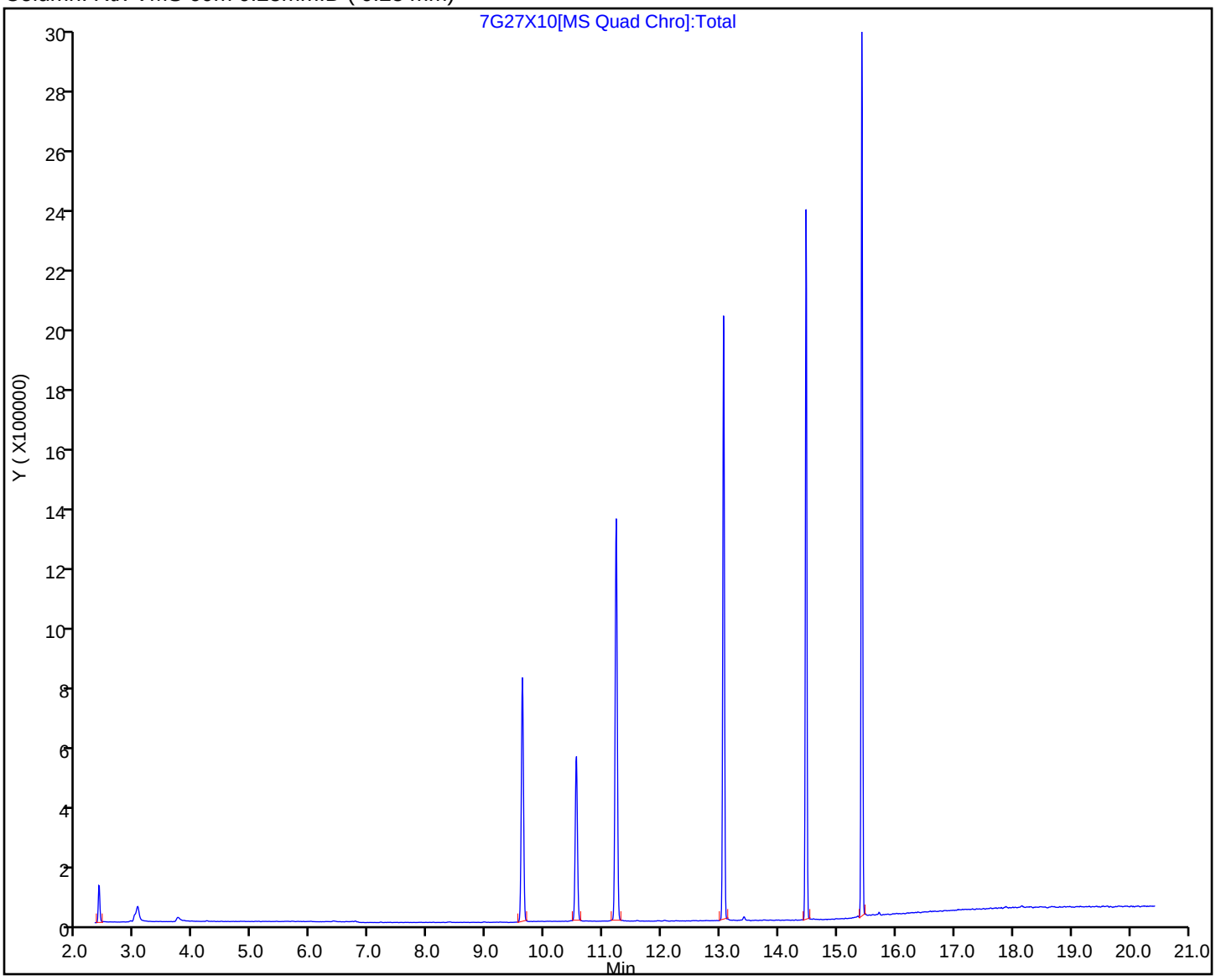
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



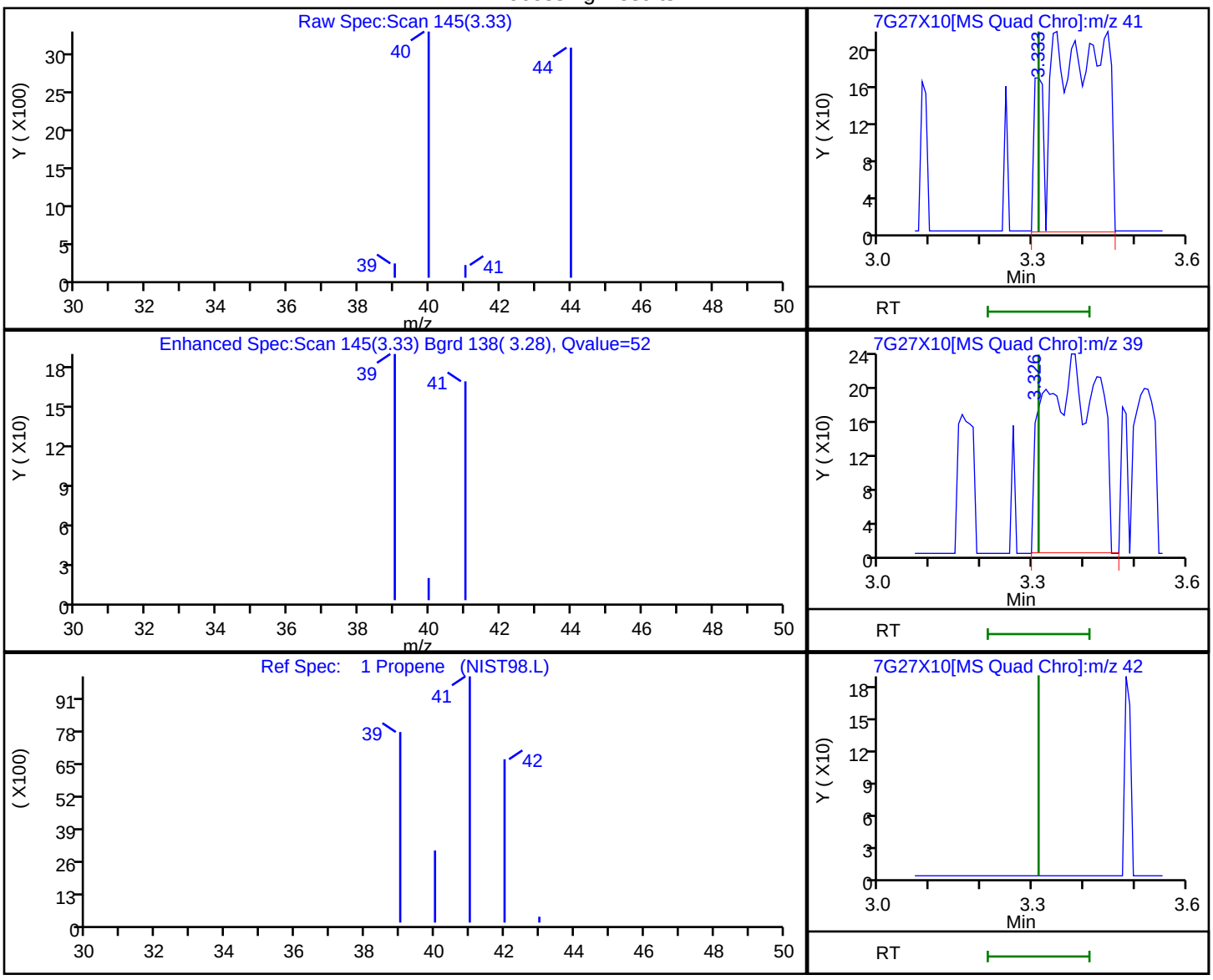
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X10.D | | | | |
| Injection Date: | 27-Aug-2025 14:38:55 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 41.00 | 1680 | 0.092890 |
| 3.33 | 39.00 | 1687 | |
| 3.31 | 42.00 | 0 | |

Reviewer: D7UM, 28-Aug-2025 13:09:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab File ID: 5G31X07.D  Lab Sample ID: MB 410-692984/8

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP22820  Date Analyzed: 08/31/2025 19:28

GC Column: DB-624 30m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-692984/4 | 5G31X03.D | 08/31/2025 17:50 |
| | LCSD 410-692984/5 | 5G31X04.D | 08/31/2025 18:15 |
| 801 | 410-240036-1 | 5G31X11.D | 08/31/2025 21:12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 410-692984/8

Matrix: Air  Lab File ID: 5G31X07.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 08/31/2025 19:28

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: DB-624 30m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 692984  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-692984/8

Matrix: Air
Lab File ID: 5G31X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 19:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-692984/8

Matrix: Air
Lab File ID: 5G31X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 19:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-692984/8

Matrix: Air
Lab File ID: 5G31X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 19:28

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\5G31X07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 31-Aug-2025 19:28:59 ALS Bottle#: 3 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0158284-008
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 03-Sep-2025 08:15:06 Calib Date: 19-Aug-2025 16:43:19
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250819-157059.b\5G19X10.D

Column 1 : DB-624 30m .25mm ( 0.25 mm) Det: MS Quad
Process Host: CTX1696

First Level Reviewer: D7UM Date: 03-Sep-2025 07:40:34

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 123 Butane | 43 | 2.089 | 2.097 | -0.007 | 1 | 174 | | NC | |
| * 39 Chlorobromomethane (IS) | 130 | 6.301 | 6.301 | 0.000 | 89 | 68619 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 6.867 | 6.867 | 0.000 | 0 | 99800 | 10.0 | 10.3 | Ma |
| * 51 1,4-Difluorobenzene | 114 | 7.275 | 7.275 | 0.000 | 94 | 254893 | 10.0 | 10.0 | |
| $ 62 Toluene-d8 (Surr) | 98 | 8.472 | 8.472 | 0.000 | 93 | 304649 | 10.0 | 9.68 | M |
| * 72 Chlorobenzene-d5 (IS) | 117 | 9.603 | 9.611 | -0.008 | 85 | 288661 | 10.0 | 10.0 | |
| $ 117 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

AIRIS200 ppb_00517 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 03-Sep-2025 08:57:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\5G31X07.D

Injection Date: 31-Aug-2025 19:28:59 Instrument ID: HP22820

Lims ID: MB

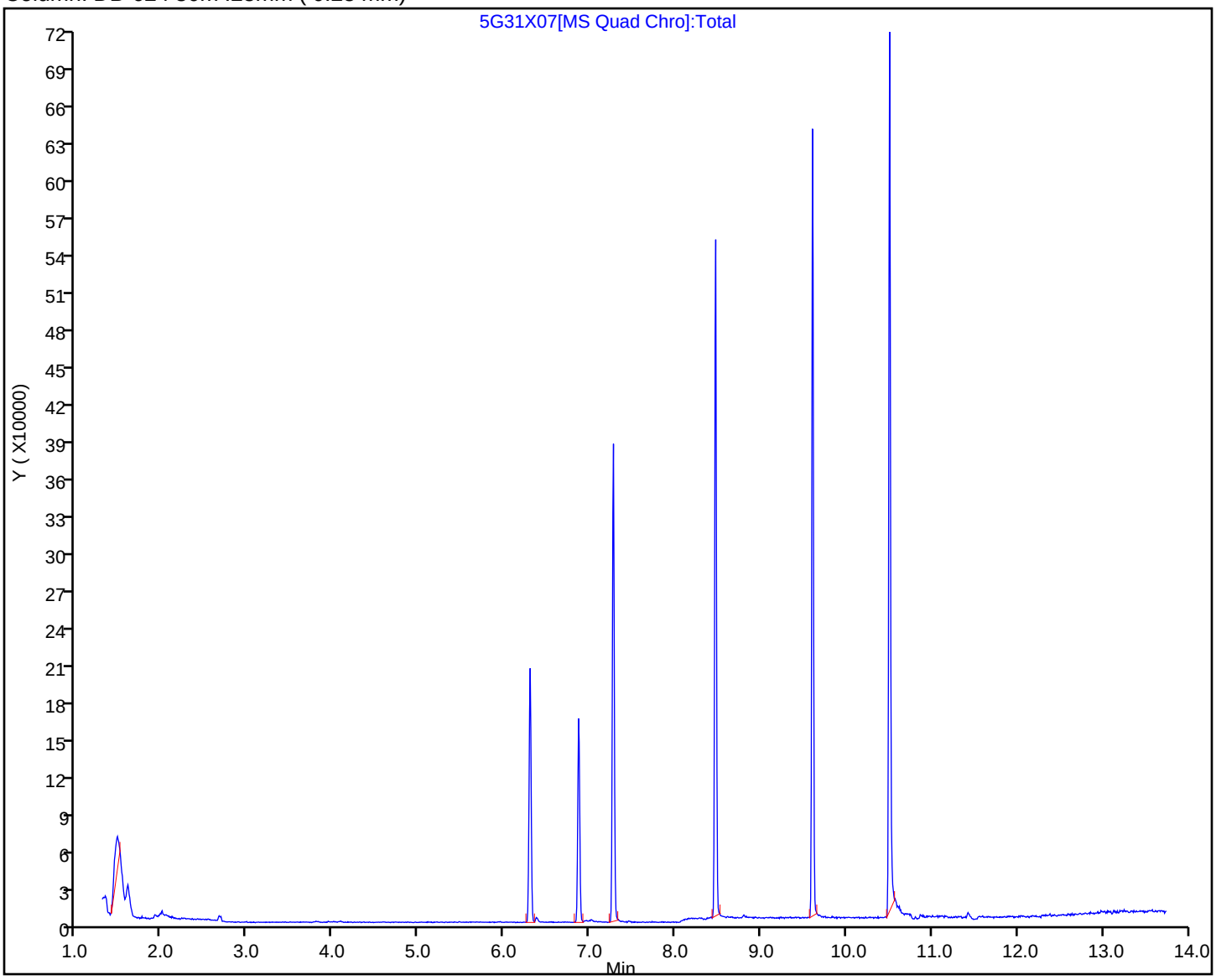
Client ID:

Operator ID: al109694 ALS Bottle#: 3 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

Column: DB-624 30m .25mm ( 0.25 mm)



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab File ID: 7S04X06.D  Lab Sample ID: MB 410-694598/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP8R004  Date Analyzed: 09/04/2025 16:03

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-694598/4 | 7S04X03.D | 09/04/2025 14:33 |
| | LCSD 410-694598/5 | 7S04X04.D | 09/04/2025 15:03 |
| 1463 | 410-241184-1 | 7S04X14x.D | 09/04/2025 23:27 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-694598/7

Matrix: Air
Lab File ID: 7S04X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-694598/7

Matrix: Air
Lab File ID: 7S04X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-694598/7

Matrix: Air
Lab File ID: 7S04X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-694598/7

Matrix: Air
Lab File ID: 7S04X06.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\7S04X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 04-Sep-2025 16:03:27 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0158652-007
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Sep-2025 11:39:34 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: NKM3 Date: 04-Sep-2025 16:47:51

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 20 Carbon disulfide | 76 | 6.771 | 6.771 | 0.000 | 98 | 24847 | | 0.2623 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.630 | 9.622 | 0.008 | 98 | 405918 | 10.0 | 10.0 | |
| $ 45 1,2-Dichloroethane-d4 (Surr) | 65 | 10.546 | 10.546 | 0.000 | 55 | 562089 | 10.0 | 10.8 | |
| * 51 1,4-Difluorobenzene | 114 | 11.227 | 11.226 | 0.001 | 95 | 1494607 | 10.0 | 10.0 | |
| $ 63 Toluene-d8 (Surr) | 98 | 13.061 | 13.060 | 0.001 | 94 | 1554544 | 10.0 | 9.92 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.472 | 14.471 | 0.001 | 87 | 1391840 | 10.0 | 10.0 | |
| $ 122 BFB | | | | | | | | | |

## QC Flag Legend
Processing Flags

## Reagents:
AIRIS200 ppb_00521 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Sep-2025 11:40:10 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\7S04X06.D

Injection Date: 04-Sep-2025 16:03:27 Instrument ID: HP8R004

Lims ID: MB

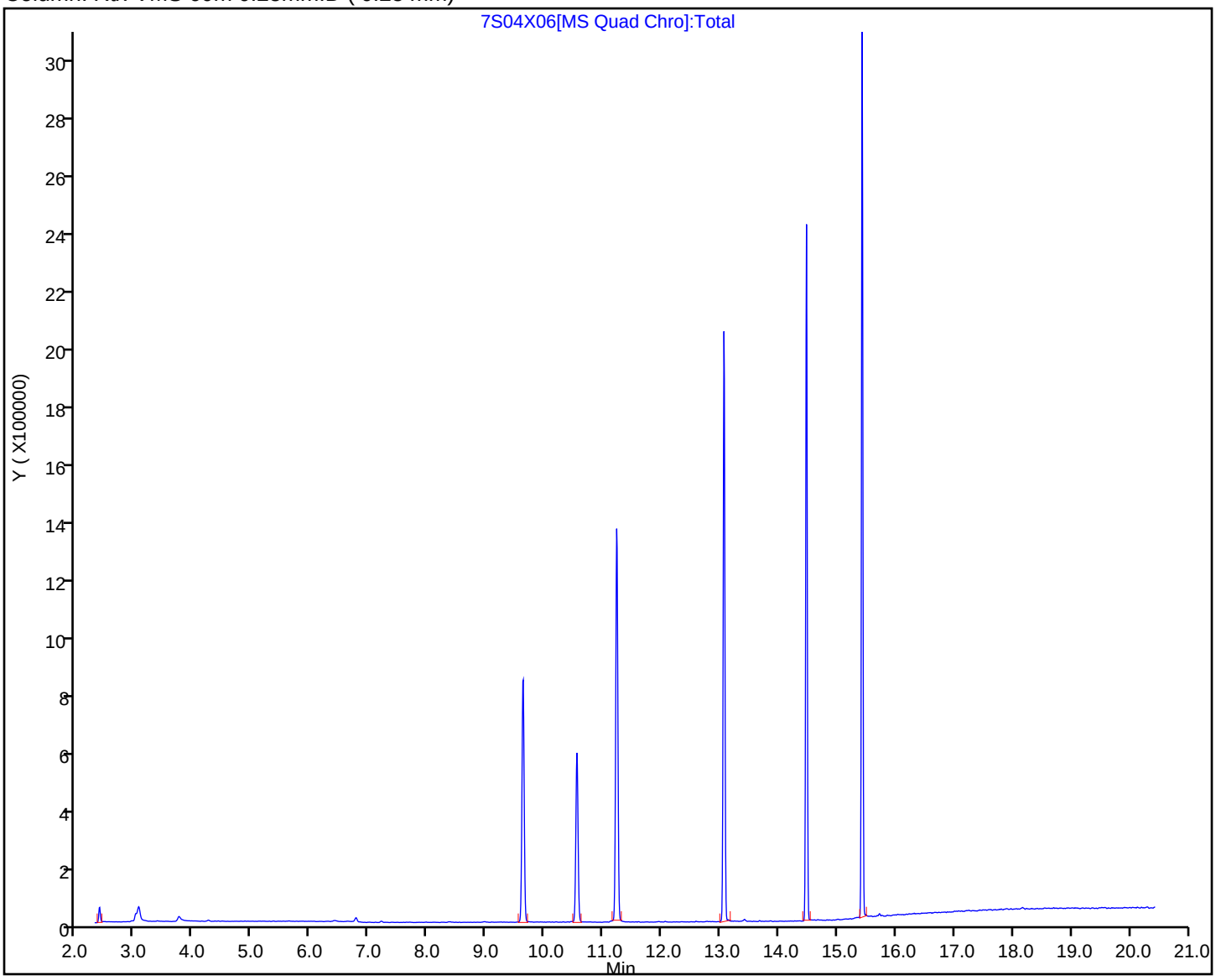
Client ID:

Operator ID: ans117803 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



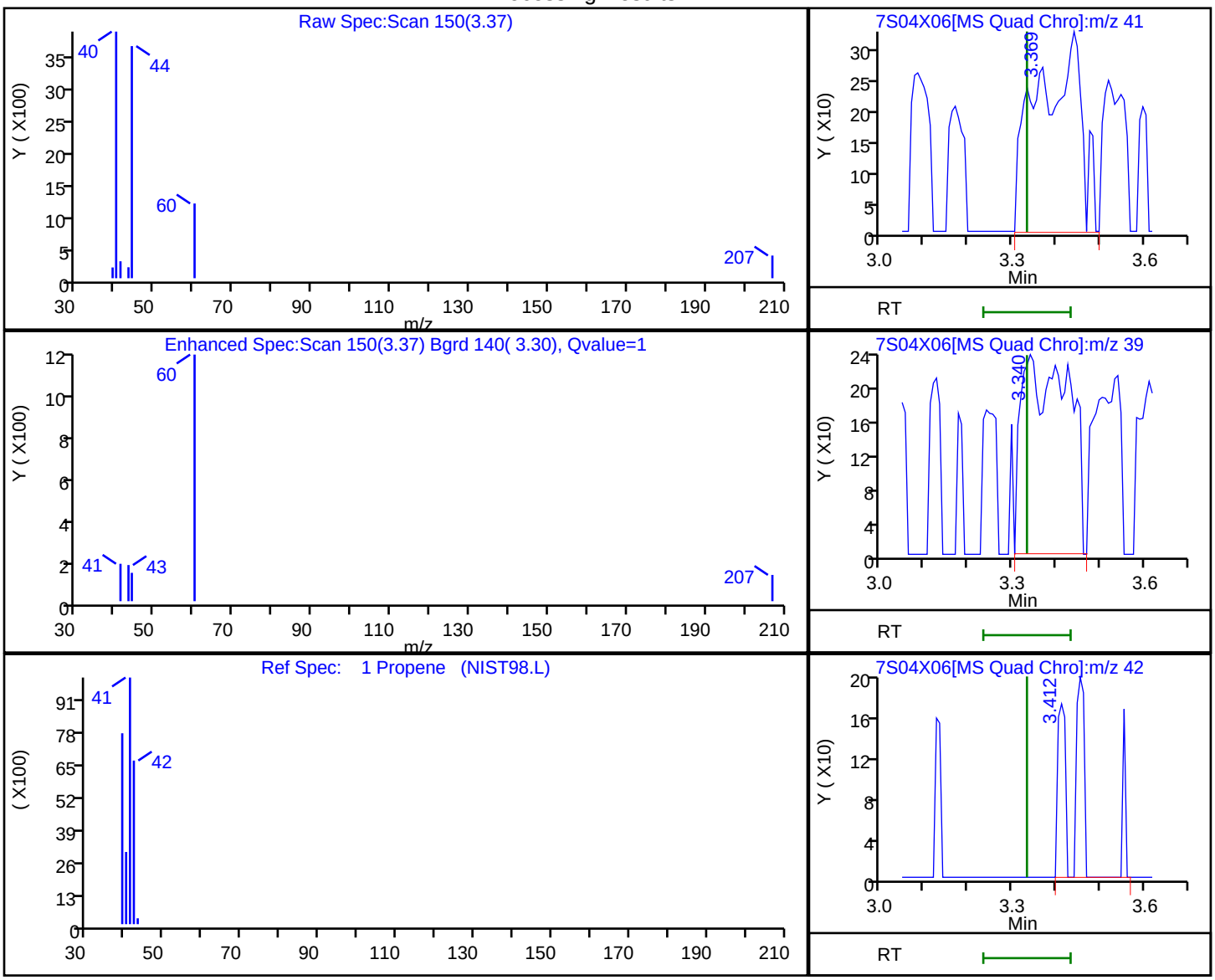
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\7S04X06.D | | | | |
| Injection Date: | 04-Sep-2025 16:03:27 | Instrument ID: | HP8R004 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 3 | Worklist Smp#: | 7 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.37 | 41.00 | 2252 | 0.131356 |
| 3.34 | 39.00 | 1791 | |
| 3.41 | 42.00 | 517 | |

Reviewer: NKM3, 04-Sep-2025 16:32:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab File ID: 6S11X07.D  Lab Sample ID: MB 410-697757/7

Matrix: Air  Heated Purge:(Y/N) N

Instrument ID: HP26379  Date Analyzed: 09/11/2025 11:22

GC Column: Rtx-VMS 60m  ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 410-697757/4 | 6S11X04.D | 09/11/2025 10:12 |
| | LCSD 410-697757/5 | 6S11X05.D | 09/11/2025 10:34 |
| | 410-240562-A-5 DU | 6S11X10.D | 09/11/2025 14:37 |
| 1904 | 410-242113-1 | 6S11X22.D | 09/11/2025 20:05 |
| 1461 | 410-242113-2 | 6S11X23.D | 09/11/2025 20:29 |
| 1479 | 410-242113-3 | 6S11X24.D | 09/11/2025 20:52 |
| 1938 | 410-242113-4 | 6S11X25.D | 09/11/2025 21:16 |
| 1188 | 410-242113-5 | 6S11X26.D | 09/11/2025 21:40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-697757/7

Matrix: Air
Lab File ID: 6S11X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 11:22

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-697757/7

Matrix: Air
Lab File ID: 6S11X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 11:22

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-697757/7

Matrix: Air
Lab File ID: 6S11X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 11:22

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | 0.8382 | J | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-697757/7

Matrix: Air
Lab File ID: 6S11X07.D

Analysis Method: TO-15
Date Collected:

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 11:22

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Sep-2025 11:22:16 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 410-0159389-007
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 16-Sep-2025 13:07:42 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1621

First Level Reviewer: D7UM Date: 15-Sep-2025 10:56:33

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.499 | 3.491 | 0.008 | 100 | 47178 | | 0.4412 | |
| 20 Isopropyl alcohol | 45 | 3.649 | 3.641 | 0.008 | 97 | 119065 | | 0.8382 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.647 | 5.628 | 0.019 | 91 | 450473 | 10.0 | 10.0 | |
| $ 104 1,2-Dichloroethane-d4 (Surr) | 65 | 6.311 | 6.299 | 0.012 | 0 | 780241 | NC | NC | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 96 | 1772501 | 10.0 | 10.0 | |
| $ 103 Toluene-d8 (Surr) | 98 | 8.470 | 8.466 | 0.004 | 95 | 2009067 | NC | NC | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1734953 | 10.0 | 10.0 | |
| $ 110 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 16-Sep-2025 13:09:10 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X07.D

Injection Date: 11-Sep-2025 11:22:16 Instrument ID: HP26379

Lims ID: MB

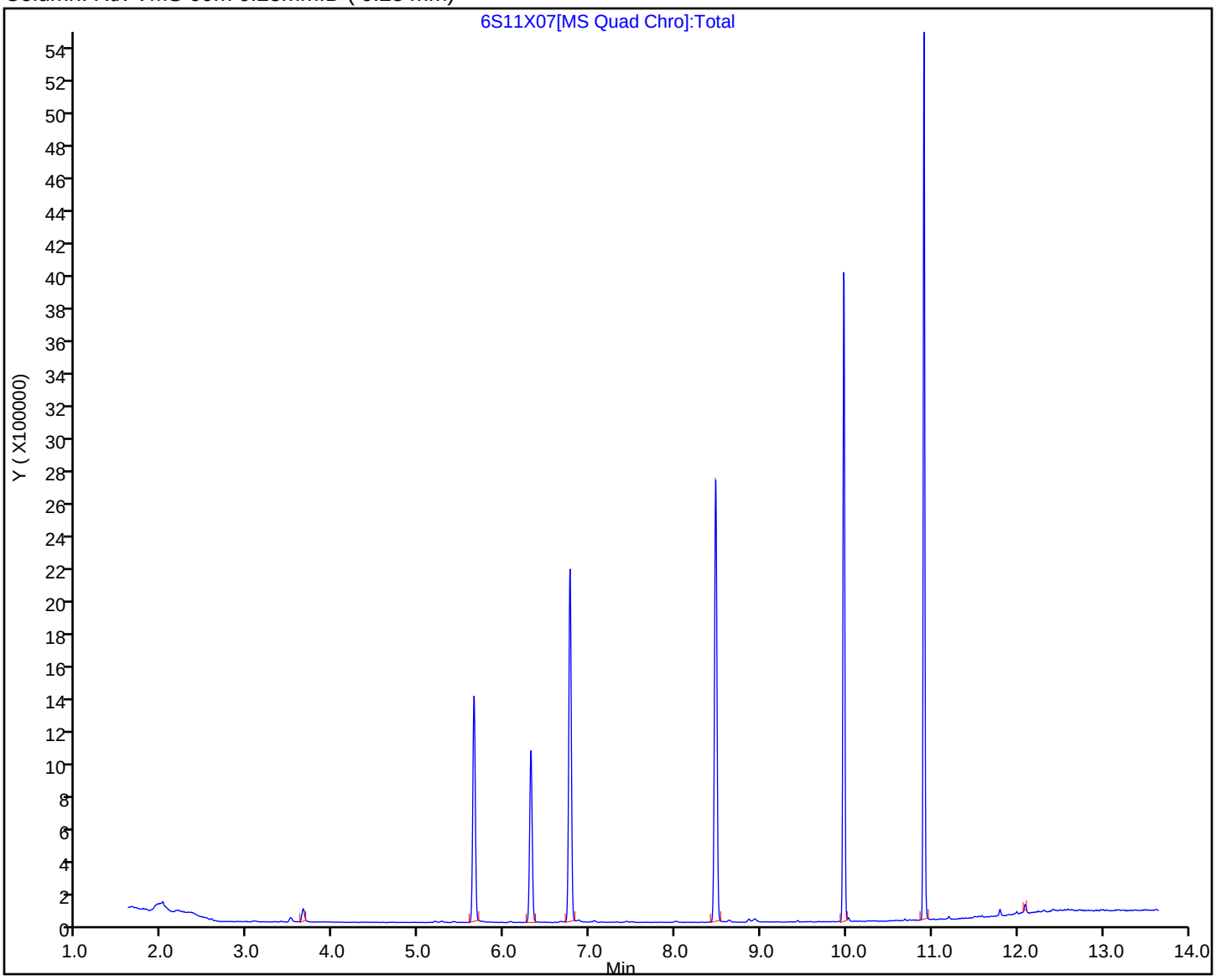
Client ID:

Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 1.0000

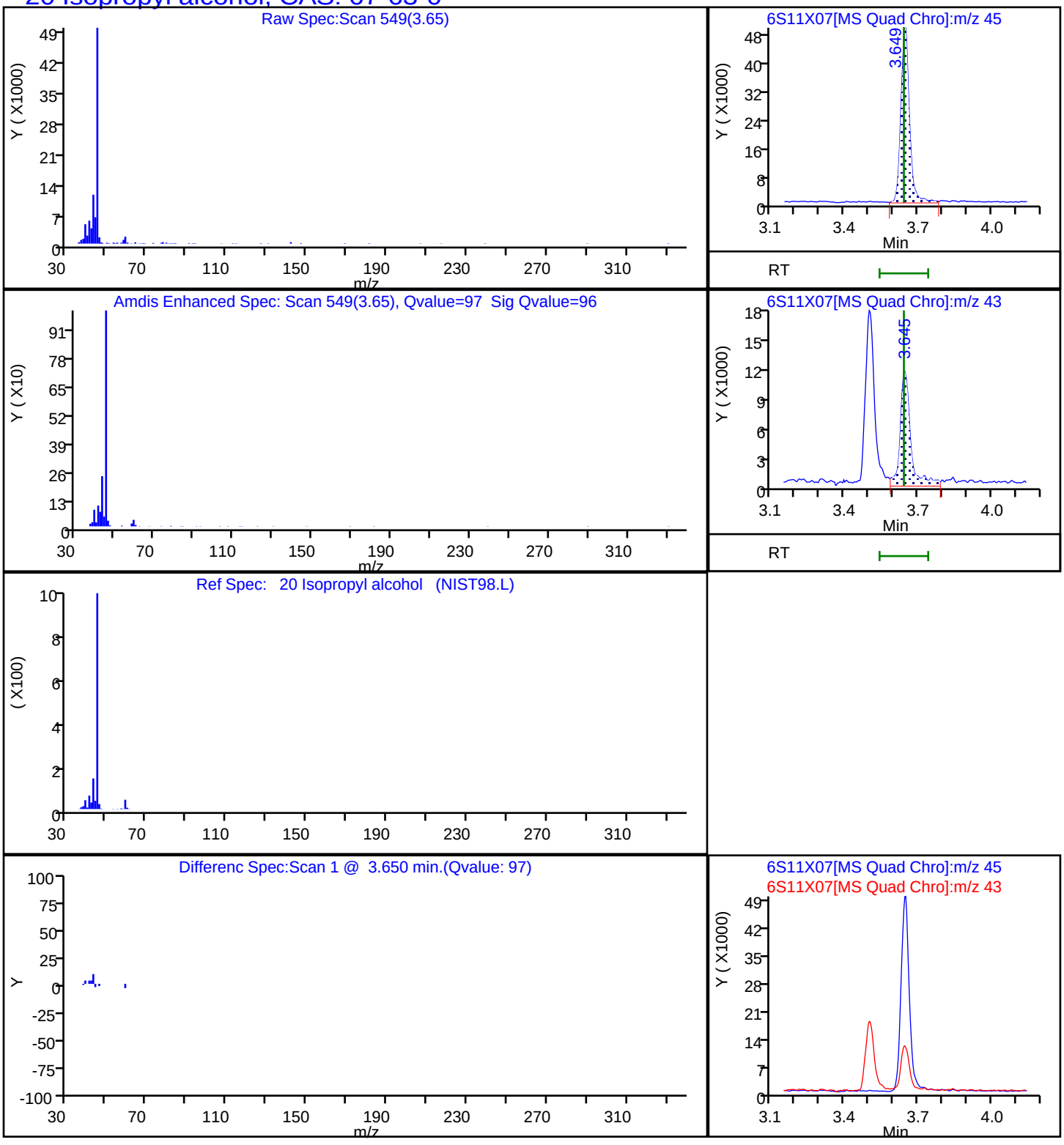
Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X07.D
Injection Date: 11-Sep-2025 11:22:16 Instrument ID: HP26379
Lims ID: MB
Client ID:
Operator ID: sn105465 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP26379 Limit Group: MSV - TO15_LL
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm) Detector MS Quad

## 20 Isopropyl alcohol, CAS: 67-63-0



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab File ID: 7G17T01.D  BFB Injection Date: 08/17/2025

Instrument ID: HP8R004  BFB Injection Time: 22:37

Analysis Batch No.: 686637

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.5 | |
| 75 | 30.0 - 66.0% of mass 95 | 45.6 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.2 | (0.3) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 74.6 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.5 | (7.4) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 71.8 | (96.2) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.6 | (6.4) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-686637/3 | 7G17X02.D | 08/17/2025 | 23:35 |
| | LCS 410-686637/4 | 7G17X08.D | 08/18/2025 | 8:11 |
| | LCSD 410-686637/5 | 7G17X09.D | 08/18/2025 | 8:40 |
| | MB 410-686637/7 | 7G17X11.D | 08/18/2025 | 9:38 |
| 1907 | 410-237855-1 | 7G17X24.D | 08/18/2025 | 16:16 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab File ID: 7L10T02.D  BFB Injection Date: 07/10/2025

Instrument ID: HP8R004  BFB Injection Time: 10:38

Analysis Batch No.: 669024

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.5 | |
| 75 | 30.0 - 66.0% of mass 95 | 46.0 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 78.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.7 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 76.5 | (97.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.0 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-669024/3 | 7L10X03.D | 07/10/2025 | 11:42 |
| | IC 410-669024/4 | 7L10X04.D | 07/10/2025 | 12:11 |
| | IC 410-669024/5 | 7L10X05.D | 07/10/2025 | 12:40 |
| | IC 410-669024/6 | 7L10X06.D | 07/10/2025 | 13:11 |
| | IC 410-669024/7 | 7L10X07.D | 07/10/2025 | 13:41 |
| | IC 410-669024/8 | 7L10X08.D | 07/10/2025 | 14:12 |
| | ICISAV 410-669024/9 | 7L10X09.D | 07/10/2025 | 14:44 |
| | IC 410-669024/10 | 7L10X10.D | 07/10/2025 | 15:15 |
| | IC 410-669024/11 | 7L10X11.D | 07/10/2025 | 15:49 |
| | IC 410-669024/20 | 7L10X12.D | 07/10/2025 | 16:26 |
| | ICV 410-669024/18 | 7L10X18.D | 07/10/2025 | 20:04 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab File ID: 7G24T01.D  BFB Injection Date: 08/24/2025

Instrument ID: HP8R004  BFB Injection Time: 16:40

Analysis Batch No.: 689842

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 14.9 | |
| 75 | 30.0 - 66.0% of mass 95 | 44.7 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 83.3 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.0 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 79.4 | (95.3) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 | (6.6) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-689842/3 | 7G24X02.D | 08/24/2025 | 18:04 |
| | LCS 410-689842/4 | 7G24X03.D | 08/24/2025 | 19:01 |
| | LCSD 410-689842/5 | 7G24X04.D | 08/24/2025 | 19:30 |
| | MB 410-689842/7 | 7G24X06.D | 08/24/2025 | 20:36 |
| 1501 | 410-238933-1 | 7G24X24.D | 08/25/2025 | 16:03 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab File ID: 7L10T02.D  BFB Injection Date: 07/10/2025

Instrument ID: HP8R004  BFB Injection Time: 10:38

Analysis Batch No.: 669024

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.5 | |
| 75 | 30.0 - 66.0% of mass 95 | 46.0 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 78.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.7 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 76.5 | (97.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.0 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-669024/3 | 7L10X03.D | 07/10/2025 | 11:42 |
| | IC 410-669024/4 | 7L10X04.D | 07/10/2025 | 12:11 |
| | IC 410-669024/5 | 7L10X05.D | 07/10/2025 | 12:40 |
| | IC 410-669024/6 | 7L10X06.D | 07/10/2025 | 13:11 |
| | IC 410-669024/7 | 7L10X07.D | 07/10/2025 | 13:41 |
| | IC 410-669024/8 | 7L10X08.D | 07/10/2025 | 14:12 |
| | ICISAV 410-669024/9 | 7L10X09.D | 07/10/2025 | 14:44 |
| | IC 410-669024/10 | 7L10X10.D | 07/10/2025 | 15:15 |
| | IC 410-669024/11 | 7L10X11.D | 07/10/2025 | 15:49 |
| | IC 410-669024/20 | 7L10X12.D | 07/10/2025 | 16:26 |
| | ICV 410-669024/18 | 7L10X18.D | 07/10/2025 | 20:04 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab File ID: 7G27T01.D  BFB Injection Date: 08/27/2025

Instrument ID: HP8R004  BFB Injection Time: 07:51

Analysis Batch No.: 691081

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 15.0 | |
| 75 | 30.0 - 66.0% of mass 95 | 44.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 81.6 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.3 | (7.7) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 78.3 | (95.9) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.1 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-691081/3 | 7G27X06.D | 08/27/2025 | 12:04 |
| | LCS 410-691081/4 | 7G27X07.D | 08/27/2025 | 13:10 |
| | LCSD 410-691081/5 | 7G27X08.D | 08/27/2025 | 13:39 |
| | MB 410-691081/7 | 7G27X10.D | 08/27/2025 | 14:38 |
| 1651 | 410-239418-1 | 7G27X11.D | 08/27/2025 | 15:08 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab File ID: 5G19T01.D  BFB Injection Date: 08/19/2025

Instrument ID: HP22820  BFB Injection Time: 12:55

Analysis Batch No.: 687586

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 15.4 | |
| 75 | 30.0 - 66.0% of mass 95 | 47.8 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 82.9 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.1 | (7.4) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 79.2 | (95.5) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.0 | (6.3) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-687586/3 | 5G19X02.D | 08/19/2025 | 13:40 |
| | IC 410-687586/4 | 5G19X03.D | 08/19/2025 | 14:01 |
| | IC 410-687586/5 | 5G19X04.D | 08/19/2025 | 14:23 |
| | IC 410-687586/6 | 5G19X05.D | 08/19/2025 | 14:44 |
| | IC 410-687586/7 | 5G19X06.D | 08/19/2025 | 15:05 |
| | IC 410-687586/8 | 5G19X07.D | 08/19/2025 | 15:27 |
| | ICISAV 410-687586/9 | 5G19X08.D | 08/19/2025 | 15:52 |
| | IC 410-687586/10 | 5G19X09.D | 08/19/2025 | 16:16 |
| | IC 410-687586/11 | 5G19X10.D | 08/19/2025 | 16:43 |
| | ICV 410-687586/16 | 5G19X15.D | 08/19/2025 | 18:45 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab File ID: 5G31T01.D  BFB Injection Date: 08/31/2025

Instrument ID: HP22820  BFB Injection Time: 15:59

Analysis Batch No.: 692984

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 15.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 47.4 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.8 | (0.9) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 84.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.4 | (7.5) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 81.1 | (95.7) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-692984/3 | 5G31X02.D | 08/31/2025 | 17:11 |
| | LCS 410-692984/4 | 5G31X03.D | 08/31/2025 | 17:50 |
| | LCSD 410-692984/5 | 5G31X04.D | 08/31/2025 | 18:15 |
| | MB 410-692984/8 | 5G31X07.D | 08/31/2025 | 19:28 |
| 801 | 410-240036-1 | 5G31X11.D | 08/31/2025 | 21:12 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab File ID: 7L10T02.D  BFB Injection Date: 07/10/2025

Instrument ID: HP8R004  BFB Injection Time: 10:38

Analysis Batch No.: 669024

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.5 | |
| 75 | 30.0 - 66.0% of mass 95 | 46.0 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 78.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.7 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 76.5 | (97.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.0 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-669024/3 | 7L10X03.D | 07/10/2025 | 11:42 |
| | IC 410-669024/4 | 7L10X04.D | 07/10/2025 | 12:11 |
| | IC 410-669024/5 | 7L10X05.D | 07/10/2025 | 12:40 |
| | IC 410-669024/6 | 7L10X06.D | 07/10/2025 | 13:11 |
| | IC 410-669024/7 | 7L10X07.D | 07/10/2025 | 13:41 |
| | IC 410-669024/8 | 7L10X08.D | 07/10/2025 | 14:12 |
| | ICISAV 410-669024/9 | 7L10X09.D | 07/10/2025 | 14:44 |
| | IC 410-669024/10 | 7L10X10.D | 07/10/2025 | 15:15 |
| | IC 410-669024/11 | 7L10X11.D | 07/10/2025 | 15:49 |
| | IC 410-669024/20 | 7L10X12.D | 07/10/2025 | 16:26 |
| | ICV 410-669024/18 | 7L10X18.D | 07/10/2025 | 20:04 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab File ID: 7S04T01.D  BFB Injection Date: 09/04/2025

Instrument ID: HP8R004  BFB Injection Time: 10:58

Analysis Batch No.: 694598

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 17.4 | |
| 75 | 30.0 - 66.0% of mass 95 | 47.9 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 78.5 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.9 | (7.6) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 75.8 | (96.5) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.8 | (6.3) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-694598/3 | 7S04X02.D | 09/04/2025 | 12:28 |
| | LCS 410-694598/4 | 7S04X03.D | 09/04/2025 | 14:33 |
| | LCSD 410-694598/5 | 7S04X04.D | 09/04/2025 | 15:03 |
| | MB 410-694598/7 | 7S04X06.D | 09/04/2025 | 16:03 |
| 1463 | 410-241184-1 | 7S04X14x.D | 09/04/2025 | 23:27 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab File ID: 6G29T01.D  BFB Injection Date: 08/29/2025

Instrument ID: HP26379  BFB Injection Time: 19:52

Analysis Batch No.: 692668

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 22.4 | |
| 75 | 30.0 - 66.0% of mass 95 | 53.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.6 | (0.9) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 66.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.0 | (7.5) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 64.5 | (96.8) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.4 | (6.8) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 410-692668/3 | 6G29X03.D | 08/29/2025 | 20:42 |
| | IC 410-692668/4 | 6G29X04.D | 08/29/2025 | 21:08 |
| | IC 410-692668/5 | 6G29X05.D | 08/29/2025 | 21:34 |
| | IC 410-692668/6 | 6G29X06.D | 08/29/2025 | 22:02 |
| | IC 410-692668/7 | 6G29X07.D | 08/29/2025 | 22:27 |
| | ICISAV 410-692668/8 | 6G29X08.D | 08/29/2025 | 22:54 |
| | IC 410-692668/9 | 6G29X09.D | 08/29/2025 | 23:22 |
| | IC 410-692668/10 | 6G29X10.D | 08/29/2025 | 23:57 |
| | ICV 410-692668/15 | 6G29X15.D | 08/30/2025 | 2:14 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab File ID: 6S11T01.D  BFB Injection Date: 09/11/2025

Instrument ID: HP26379  BFB Injection Time: 08:14

Analysis Batch No.: 697757

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 22.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 54.1 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 7.1 | |
| 173 | Less than 2.0% of mass 174 | 0.6 | (0.9) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 71.0 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.2 | (7.3) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 68.8 | (96.9) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 | (7.7) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 410-697757/3 | 6S11X02.D | 09/11/2025 | 9:00 |
| | LCS 410-697757/4 | 6S11X04.D | 09/11/2025 | 10:12 |
| | LCSD 410-697757/5 | 6S11X05.D | 09/11/2025 | 10:34 |
| | MB 410-697757/7 | 6S11X07.D | 09/11/2025 | 11:22 |
| | 410-240562-A-5 DU | 6S11X10.D | 09/11/2025 | 14:37 |
| 1904 | 410-242113-1 | 6S11X22.D | 09/11/2025 | 20:05 |
| 1461 | 410-242113-2 | 6S11X23.D | 09/11/2025 | 20:29 |
| 1479 | 410-242113-3 | 6S11X24.D | 09/11/2025 | 20:52 |
| 1938 | 410-242113-4 | 6S11X25.D | 09/11/2025 | 21:16 |
| 1188 | 410-242113-5 | 6S11X26.D | 09/11/2025 | 21:40 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-686637/3 | | 576495 | 9.62 | 2103695 | 11.22 | 1932022 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Sample No.: CCVIS 410-686637/3  Date Analyzed: 08/17/2025 23:35

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G17X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 576495 | 9.62 | 2103695 | 11.22 | 1932022 | 14.46 |
| UPPER LIMIT | | 807093 | 9.92 | 2945173 | 11.52 | 2704831 | 14.76 |
| LOWER LIMIT | | 345897 | 9.32 | 1262217 | 10.92 | 1159213 | 14.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-686637/4 | | 582771 | 9.61 | 2153467 | 11.21 | 2028571 | 14.46 |
| LCSD 410-686637/5 | | 584768 | 9.62 | 2173360 | 11.22 | 2051870 | 14.47 |
| MB 410-686637/7 | | 575643 | 9.62 | 2074320 | 11.23 | 1963963 | 14.47 |
| 410-237855-1 | 1907 | 560273 | 9.62 | 1981327 | 11.22 | 1887683 | 14.47 |

CBM = Chlorobromomethane (IS)
CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-689842/3 | | 399863 | 9.62 | 1475540 | 11.23 | 1353097 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Sample No.: CCVIS 410-689842/3  Date Analyzed: 08/24/2025 18:04

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G24X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 399863 | 9.62 | 1475540 | 11.23 | 1353097 | 14.47 |
| UPPER LIMIT | | 559808 | 9.92 | 2065756 | 11.53 | 1894336 | 14.77 |
| LOWER LIMIT | | 239918 | 9.32 | 885324 | 10.93 | 811858 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-689842/4 | | 411831 | 9.61 | 1486797 | 11.21 | 1368267 | 14.47 |
| LCSD 410-689842/5 | | 405169 | 9.62 | 1473694 | 11.22 | 1352432 | 14.46 |
| MB 410-689842/7 | | 398955 | 9.62 | 1426911 | 11.23 | 1353544 | 14.47 |
| 410-238933-1 | 1501 | 395485 | 9.62 | 1406188 | 11.22 | 1331381 | 14.46 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-691081/3 | | 437608 | 9.62 | 1626774 | 11.22 | 1458262 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Sample No.: CCVIS 410-691081/3  Date Analyzed: 08/27/2025 12:04

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7G27X06.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 437608 | 9.62 | 1626774 | 11.22 | 1458262 | 14.47 |
| UPPER LIMIT | | 612651 | 9.92 | 2277484 | 11.52 | 2041567 | 14.77 |
| LOWER LIMIT | | 262565 | 9.32 | 976064 | 10.92 | 874957 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-691081/4 | | 437725 | 9.62 | 1643438 | 11.22 | 1488325 | 14.47 |
| LCSD 410-691081/5 | | 434612 | 9.62 | 1651770 | 11.22 | 1493252 | 14.47 |
| MB 410-691081/7 | | 428216 | 9.62 | 1573432 | 11.22 | 1464850 | 14.47 |
| 410-239418-1 | 1651 | 426372 | 9.62 | 1560682 | 11.22 | 1443801 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Instrument ID: HP22820  Calibration Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calibration End Date: 08/19/2025 16:43

Calibration ID: 75973

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 82877 | 6.30 | 345342 | 7.27 | 366087 | 9.60 |
| UPPER LIMIT | | 116028 | 6.60 | 483479 | 7.58 | 512522 | 9.90 |
| LOWER LIMIT | | 49726 | 6.00 | 207205 | 6.98 | 219652 | 9.30 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-687586/16 | | 86100 | 6.30 | 381621 | 7.28 | 381003 | 9.60 |
| CCVIS 410-692984/3 | | 66757 | 6.30 | 297269 | 7.28 | 301738 | 9.61 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Sample No.: CCVIS 410-692984/3  Date Analyzed: 08/31/2025 17:11

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)

Lab File ID (Standard): 5G31X02.D  Heated Purge: (Y/N) N

Calibration ID: 75973

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 66757 | 6.30 | 297269 | 7.28 | 301738 | 9.61 |
| UPPER LIMIT | | 93460 | 6.60 | 416177 | 7.58 | 422433 | 9.91 |
| LOWER LIMIT | | 40054 | 6.00 | 178361 | 6.98 | 181043 | 9.31 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-692984/4 | | 76442 | 6.30 | 325652 | 7.28 | 322032 | 9.60 |
| LCSD 410-692984/5 | | 74453 | 6.30 | 323318 | 7.28 | 333558 | 9.60 |
| MB 410-692984/8 | | 68619 | 6.30 | 254893 | 7.28 | 288661 | 9.60 |
| 410-240036-1 | 801 | 72952 | 6.30 | 258378 | 7.28 | 294265 | 9.61 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Instrument ID: HP8R004  Calibration Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 07/10/2025 16:26

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 642672 | 9.62 | 2438364 | 11.22 | 2246173 | 14.47 |
| UPPER LIMIT | | 899741 | 9.92 | 3413710 | 11.52 | 3144642 | 14.77 |
| LOWER LIMIT | | 385603 | 9.32 | 1463018 | 10.92 | 1347704 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-669024/18 | | 653652 | 9.62 | 2435692 | 11.23 | 2221303 | 14.47 |
| CCVIS 410-694598/3 | | 419324 | 9.62 | 1573103 | 11.23 | 1435884 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Sample No.: CCVIS 410-694598/3  Date Analyzed: 09/04/2025 12:28

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 7S04X02.D  Heated Purge: (Y/N) N

Calibration ID: 74597

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 419324 | 9.62 | 1573103 | 11.23 | 1435884 | 14.47 |
| UPPER LIMIT | | 587054 | 9.92 | 2202344 | 11.53 | 2010238 | 14.77 |
| LOWER LIMIT | | 251594 | 9.32 | 943862 | 10.93 | 861530 | 14.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-694598/4 | | 420436 | 9.62 | 1558344 | 11.22 | 1425345 | 14.46 |
| LCSD 410-694598/5 | | 415001 | 9.62 | 1572318 | 11.22 | 1432775 | 14.47 |
| MB 410-694598/7 | | 405918 | 9.63 | 1494607 | 11.23 | 1391840 | 14.47 |
| 410-241184-1 | 1463 | 399648 | 9.62 | 1473583 | 11.22 | 1365322 | 14.47 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Instrument ID: HP26379  Calibration Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calibration End Date: 08/29/2025 23:57

Calibration ID: 76296

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 565081 | 5.64 | 2434928 | 6.77 | 2453474 | 9.97 |
| UPPER LIMIT | | 791113 | 5.94 | 3408899 | 7.06 | 3434864 | 10.27 |
| LOWER LIMIT | | 339049 | 5.34 | 1460957 | 6.46 | 1472084 | 9.67 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 410-692668/15 | | 578688 | 5.64 | 2430832 | 6.76 | 2416018 | 9.97 |
| CCVIS 410-697757/3 | | 457507 | 5.64 | 1775374 | 6.76 | 1730341 | 9.97 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Sample No.: CCVIS 410-697757/3  Date Analyzed: 09/11/2025 09:00

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Lab File ID (Standard): 6S11X02.D  Heated Purge: (Y/N) N

Calibration ID: 76296

| | | CBM | | DFBZ | | CBZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 457507 | 5.64 | 1775374 | 6.76 | 1730341 | 9.97 |
| UPPER LIMIT | | 640510 | 5.94 | 2485524 | 7.06 | 2422477 | 10.27 |
| LOWER LIMIT | | 274504 | 5.34 | 1065224 | 6.46 | 1038205 | 9.67 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 410-697757/4 | | 459494 | 5.64 | 1787589 | 6.76 | 1702670 | 9.97 |
| LCSD 410-697757/5 | | 458476 | 5.64 | 1794085 | 6.76 | 1733492 | 9.97 |
| MB 410-697757/7 | | 450473 | 5.65 | 1772501 | 6.77 | 1734953 | 9.97 |
| 410-240562-A-5 DU | | 394928 | 5.65 | 1674992 | 6.77 | 1664592 | 9.97 |
| 410-242113-1 | 1904 | 385075 | 5.64 | 1349736 | 6.77 | 1401358 | 9.97 |
| 410-242113-2 | 1461 | 393015 | 5.64 | 1352058 | 6.77 | 1413897 | 9.97 |
| 410-242113-3 | 1479 | 390447 | 5.64 | 1354103 | 6.77 | 1404231 | 9.97 |
| 410-242113-4 | 1938 | 395490 | 5.64 | 1341239 | 6.77 | 1391791 | 9.97 |
| 410-242113-5 | 1188 | 389872 | 5.64 | 1335740 | 6.77 | 1382925 | 9.97 |

CBM = Chlorobromomethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Client Sample ID: 1907  Lab Sample ID: 410-237855-1

Matrix: Air  Lab File ID: 7G17X24.D

Analysis Method: TO-15  Date Collected: 08/18/2025 10:18

Sample wt/vol: 200(mL)  Date Analyzed: 08/18/2025 16:16

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 686637  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID: 1907
Lab Sample ID: 410-237855-1

Matrix: Air
Lab File ID: 7G17X24.D

Analysis Method: TO-15
Date Collected: 08/18/2025 10:18

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 16:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID: 1907
Lab Sample ID: 410-237855-1

Matrix: Air
Lab File ID: 7G17X24.D

Analysis Method: TO-15
Date Collected: 08/18/2025 10:18

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 16:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-237855-1

SDG No.:

Client Sample ID: 1907
Lab Sample ID: 410-237855-1

Matrix: Air
Lab File ID: 7G17X24.D

Analysis Method: TO-15
Date Collected: 08/18/2025 10:18

Sample wt/vol: 200(mL)
Date Analyzed: 08/18/2025 16:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 686637
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X24.D | | | | |
| Lims ID: | 410-237855-A-1 | | | | |
| Client ID: | 1907 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 18-Aug-2025 16:16:08 | ALS Bottle#: | 8 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | cc1907 | | | | |
| Misc. Info.: | 410-0156852-020 | | | | |
| Operator ID: | al109694 | Instrument ID: | HP8R004 | | |
| Method: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\AirMS_HP8R004.m | | | | |
| Limit Group: | MSV - TO15 | | | | |
| Last Update: | 19-Aug-2025 08:50:17 | Calib Date: | 10-Jul-2025 16:26:23 | | |
| Integrator: | Falcon | ID Type: | RT Order ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D | | | | |
| Column 1 : | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | | Det: MS Quad | | |
| Process Host: | CTX1624 | | | | |
| First Level Reviewer: D7UM | | Date: | 19-Aug-2025 08:27:45 | | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.399 | 6.392 | 0.022 | 99 | 40207 | 0.6919 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.615 | 0.000 | 95 | 560273 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 95 | 1981327 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.464 | 0.001 | 87 | 1887683 | 10.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

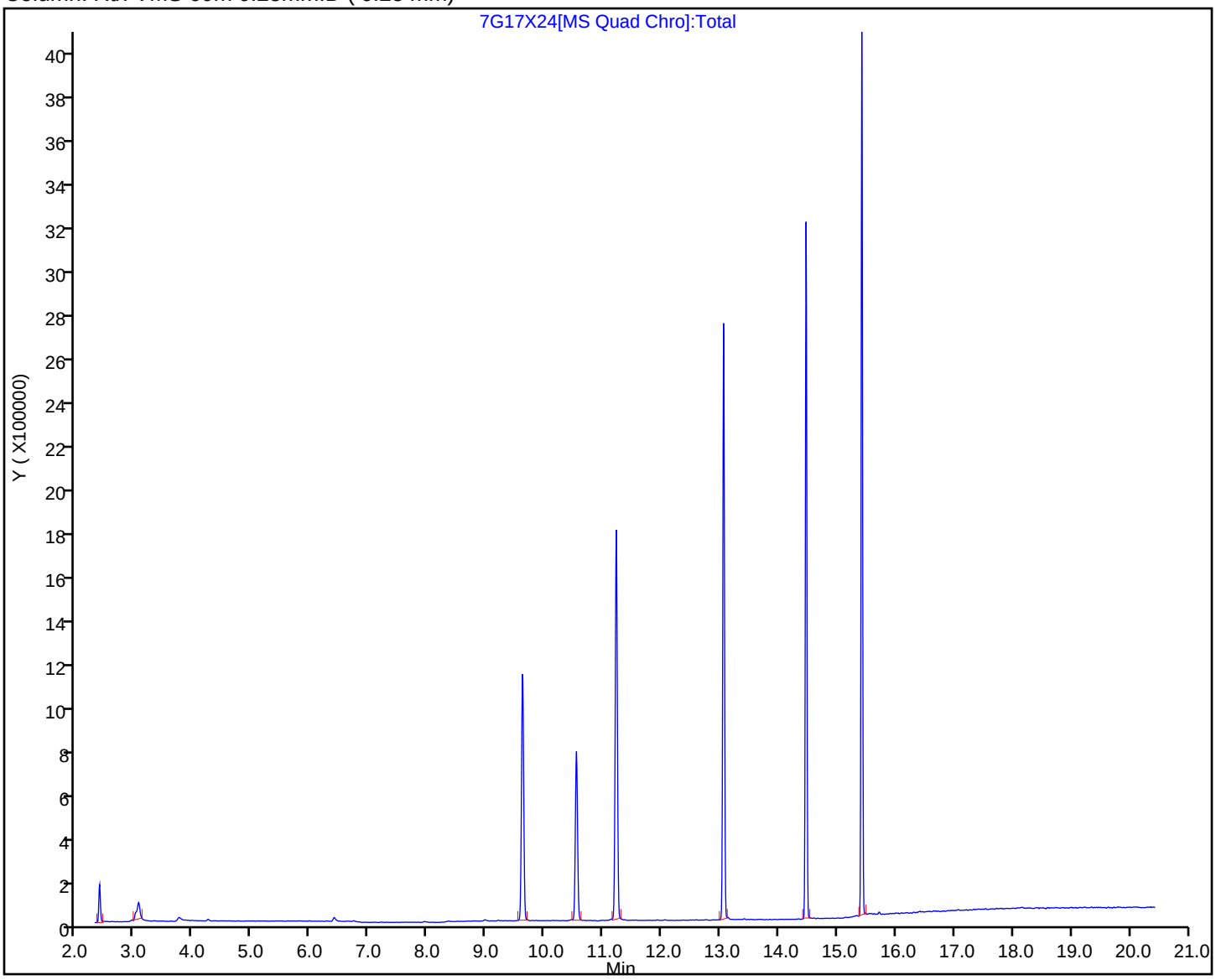
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 19-Aug-2025 09:12:37 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X24.D | | | | |
| Injection Date: | 18-Aug-2025 16:16:08 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237855-A-1 | Lab Sample ID: | 410-237855-1 | | |
| Client ID: | 1907 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)






10/16/2025
9:18:09 AM

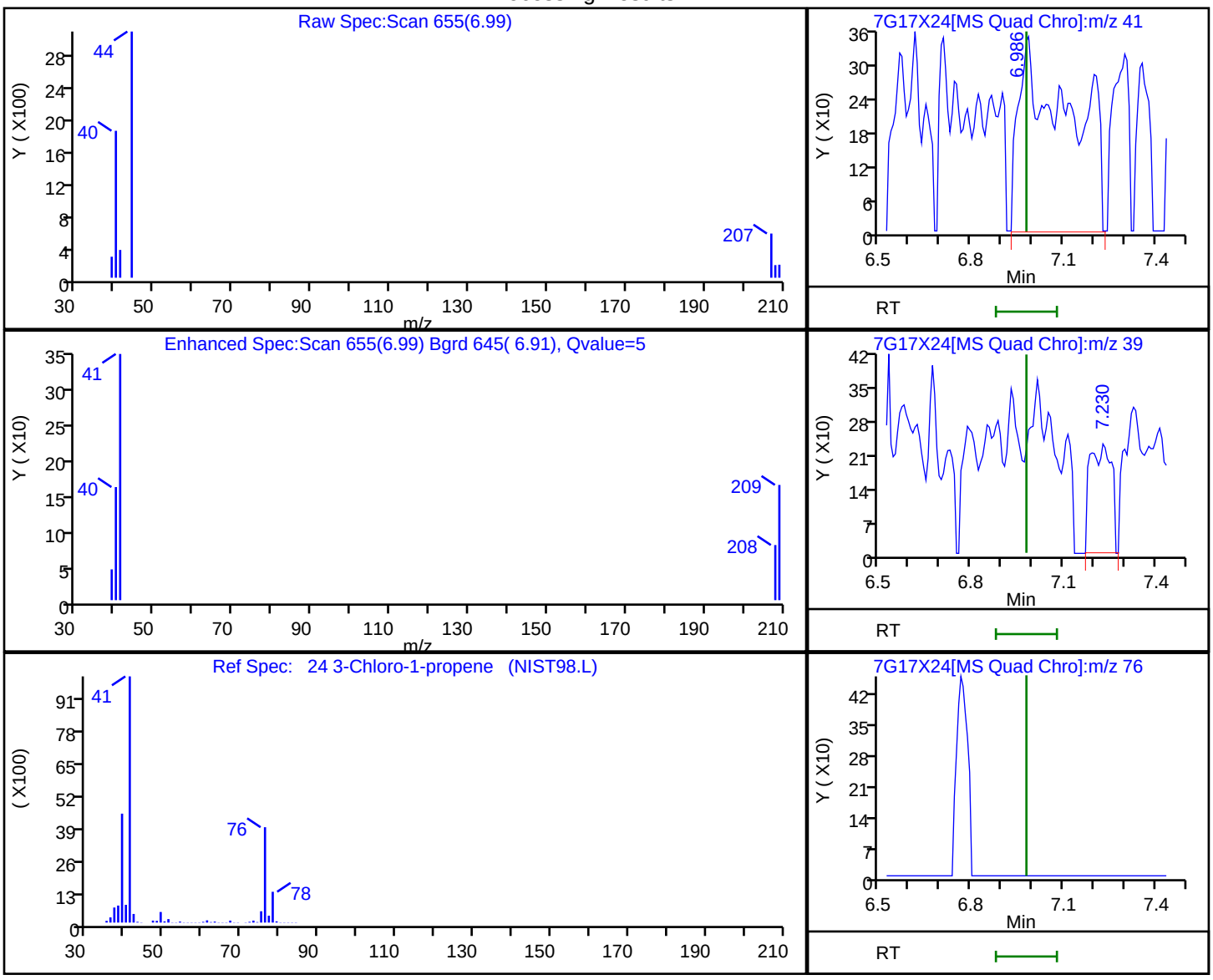
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X24.D | | | | |
| Injection Date: | 18-Aug-2025 16:16:08 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237855-A-1 | Lab Sample ID: | 410-237855-1 | | |
| Client ID: | 1907 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.99 | 41.00 | 3925 | 0.078424 |
| 7.23 | 39.00 | 1118 | |
| 6.98 | 76.00 | 0 | |

Reviewer: D7UM, 19-Aug-2025 08:26:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

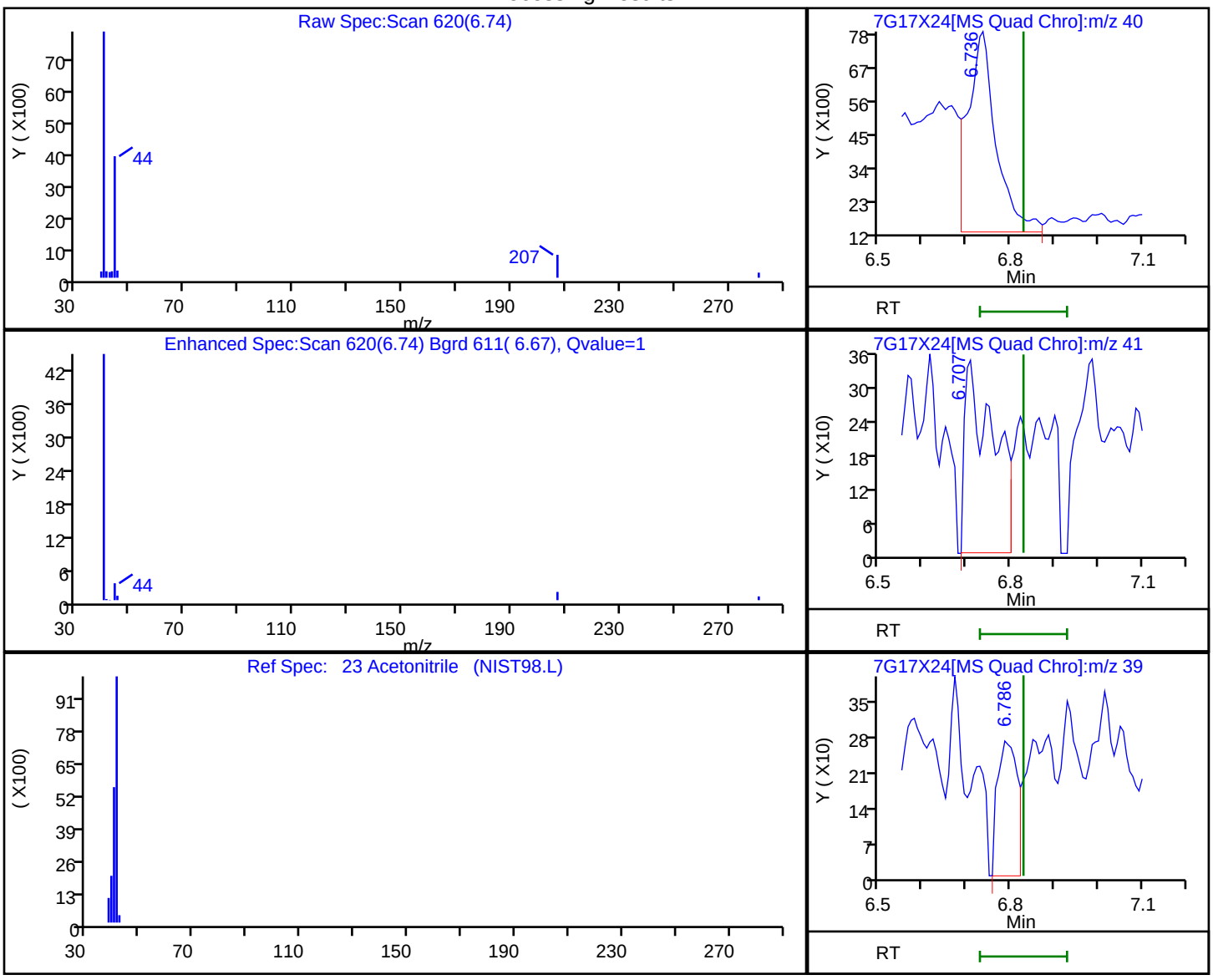
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X24.D | | | | |
| Injection Date: | 18-Aug-2025 16:16:08 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237855-A-1 | Lab Sample ID: | 410-237855-1 | | |
| Client ID: | 1907 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.74 | 40.00 | 28531 | 2.119901 |
| 6.71 | 41.00 | 1536 | |
| 6.79 | 39.00 | 819 | |

Reviewer: D7UM, 19-Aug-2025 08:26:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

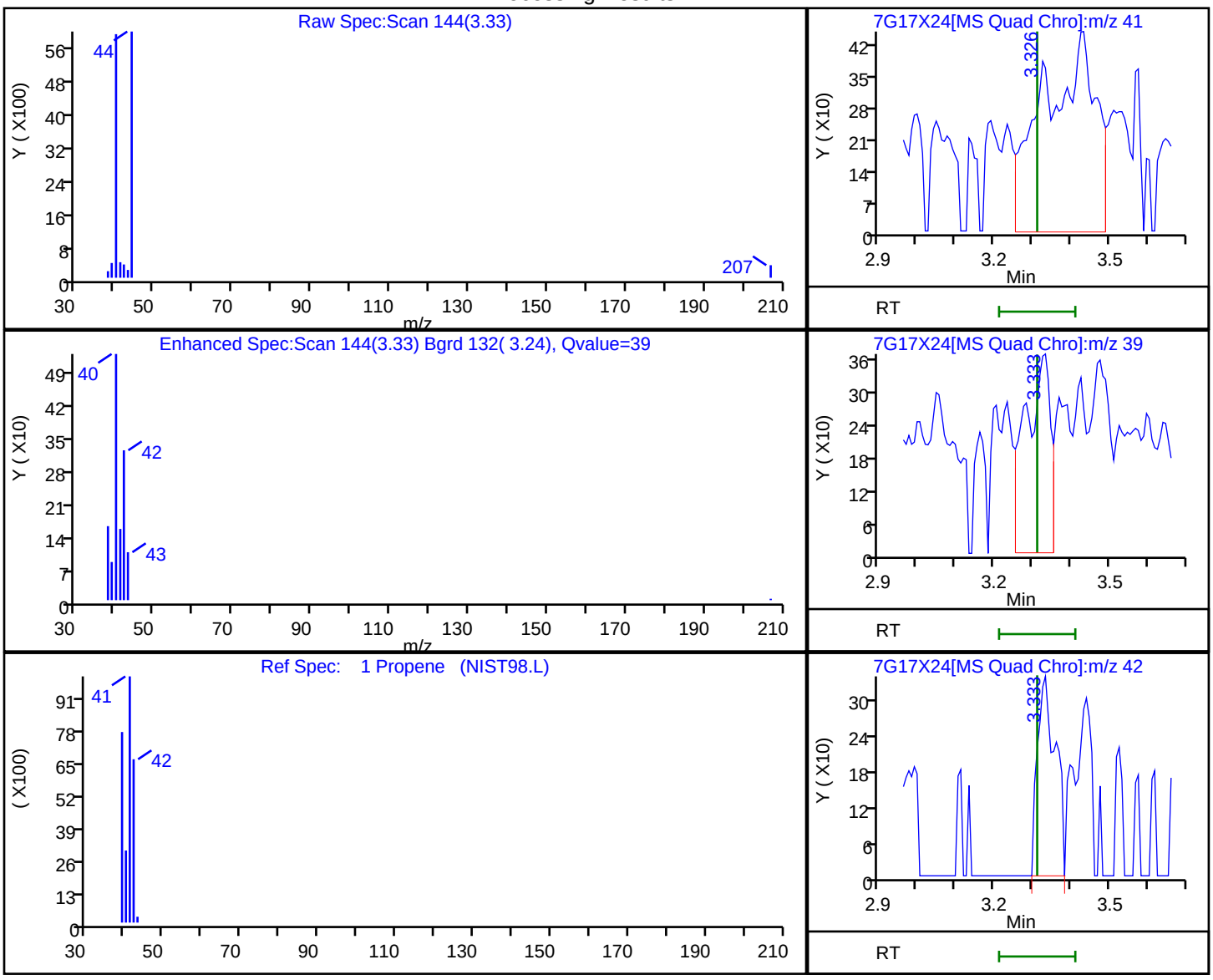
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250817-156852.b\7G17X24.D | | | | |
| Injection Date: | 18-Aug-2025 16:16:08 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-237855-A-1 | Lab Sample ID: | 410-237855-1 | | |
| Client ID: | 1907 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 20 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.33 | 41.00 | 4098 | 0.173178 |
| 3.33 | 39.00 | 1593 | |
| 3.33 | 42.00 | 1121 | |

Reviewer: D7UM, 19-Aug-2025 08:26:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Client Sample ID: 1501  Lab Sample ID: 410-238933-1

Matrix: Air  Lab File ID: 7G24X24.D

Analysis Method: TO-15  Date Collected: 08/25/2025 14:08

Sample wt/vol: 200(mL)  Date Analyzed: 08/25/2025 16:03

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 689842  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID: 1501
Lab Sample ID: 410-238933-1

Matrix: Air
Lab File ID: 7G24X24.D

Analysis Method: TO-15
Date Collected: 08/25/2025 14:08

Sample wt/vol: 200(mL)
Date Analyzed: 08/25/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID: 1501
Lab Sample ID: 410-238933-1

Matrix: Air
Lab File ID: 7G24X24.D

Analysis Method: TO-15
Date Collected: 08/25/2025 14:08

Sample wt/vol: 200(mL)
Date Analyzed: 08/25/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-238933-1

SDG No.:

Client Sample ID: 1501
Lab Sample ID: 410-238933-1

Matrix: Air
Lab File ID: 7G24X24.D

Analysis Method: TO-15
Date Collected: 08/25/2025 14:08

Sample wt/vol: 200(mL)
Date Analyzed: 08/25/2025 16:03

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 689842
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X24.D
Lims ID: 410-238933-A-1
Client ID: 1501
Sample Type: Client
Inject. Date: 25-Aug-2025 16:03:03 ALS Bottle#: 17 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1501
Misc. Info.: 410-0157548-024
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 26-Aug-2025 08:32:40 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: D7UM Date: 26-Aug-2025 08:10:37

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.392 | 6.377 | 0.015 | 92 | 12090 | 0.2948 | |
| 20 Carbon disulfide | 76 | 6.757 | 6.757 | 0.000 | 87 | 6208 | 0.0673 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.608 | 0.007 | 87 | 395485 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 94 | 1406188 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.464 | 14.472 | -0.008 | 84 | 1331381 | 10.0 | |

## QC Flag Legend
Processing Flags

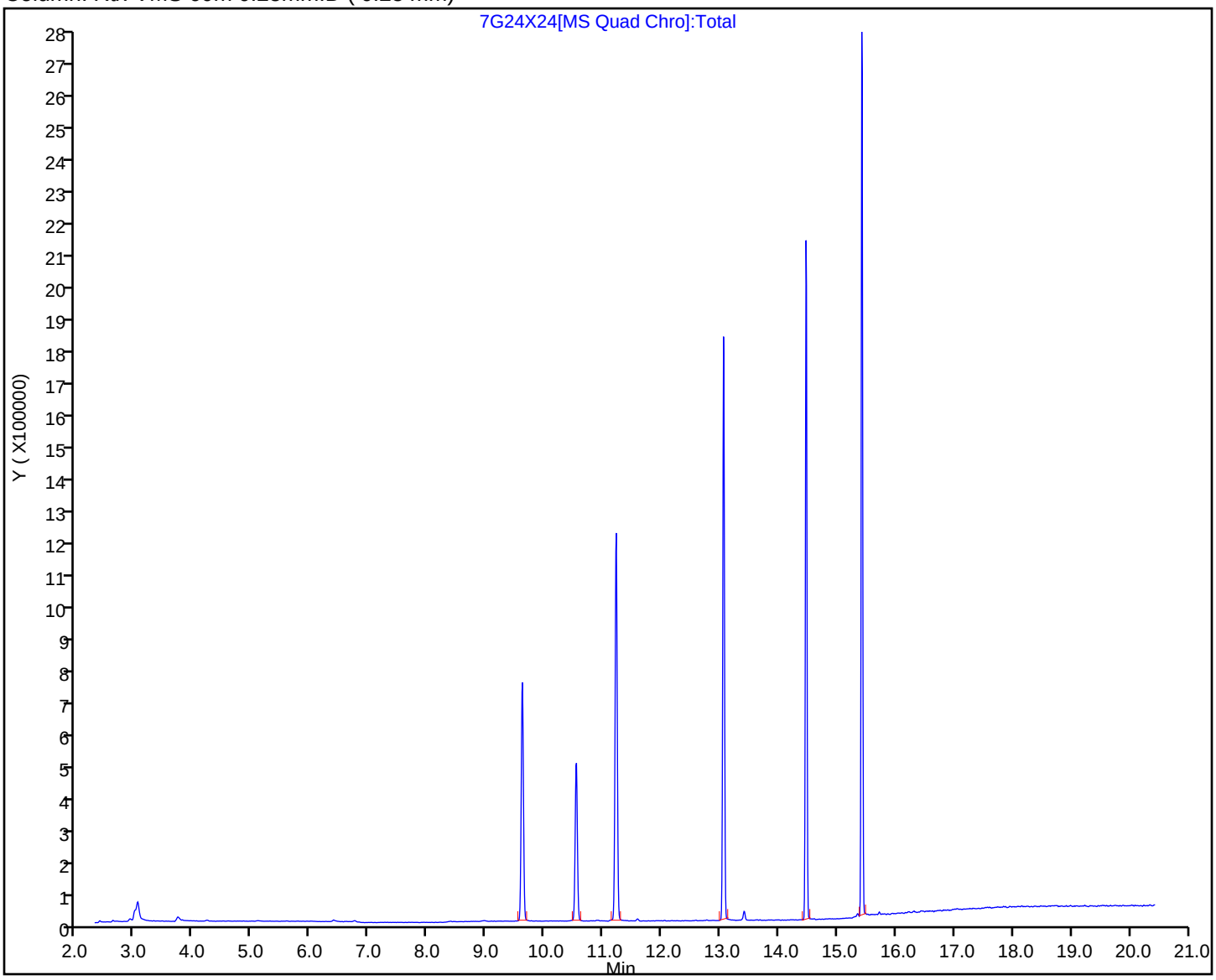
## Reagents:
AIRIS200 ppb_00516 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 26-Aug-2025 08:34:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X24.D | | | | |
| Injection Date: | 25-Aug-2025 16:03:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-238933-A-1 | Lab Sample ID: | 410-238933-1 | | |
| Client ID: | 1501 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 17 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



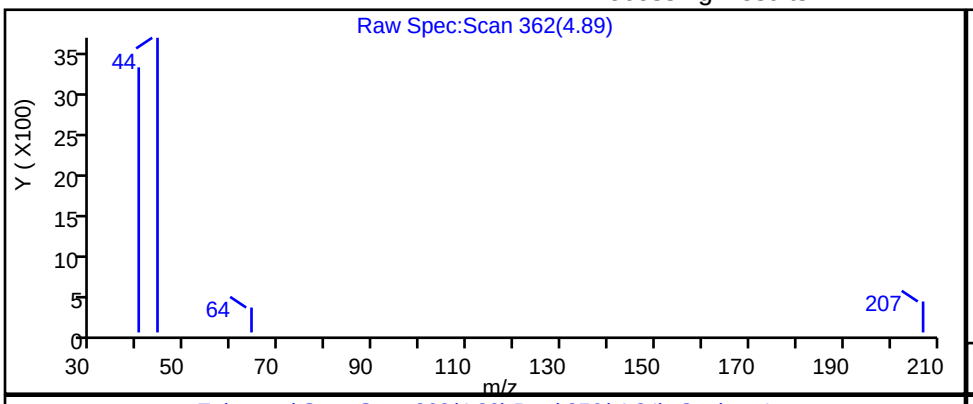
User Disabled Compound Report

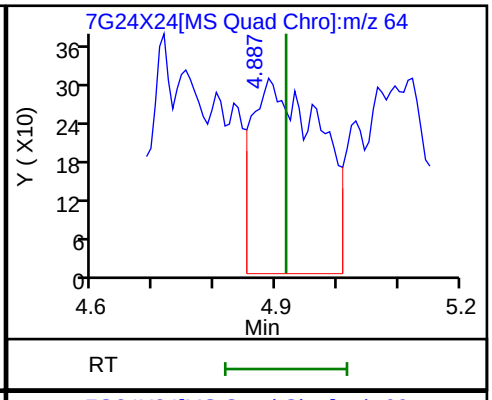
Eurofins Lancaster Laboratories Environment Testing, LLC

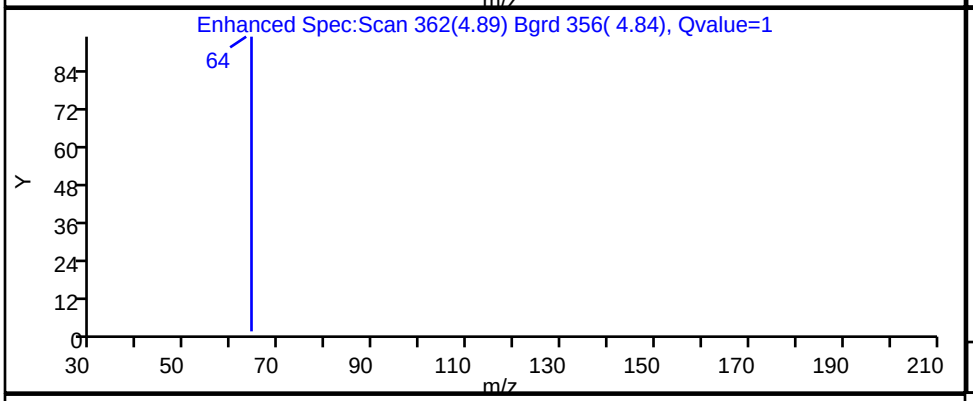
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X24.D | | | | |
| Injection Date: | 25-Aug-2025 16:03:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-238933-A-1 | Lab Sample ID: | 410-238933-1 | | |
| Client ID: | 1501 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 17 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

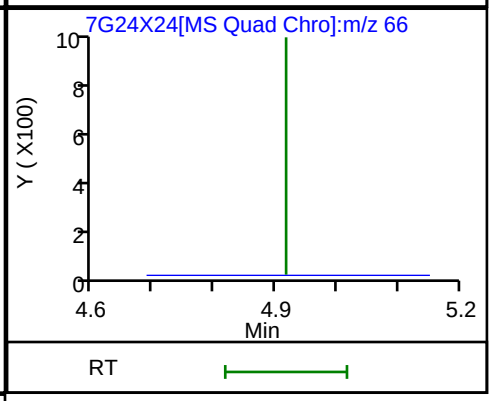
## 9 Chloroethane, CAS: 75-00-3

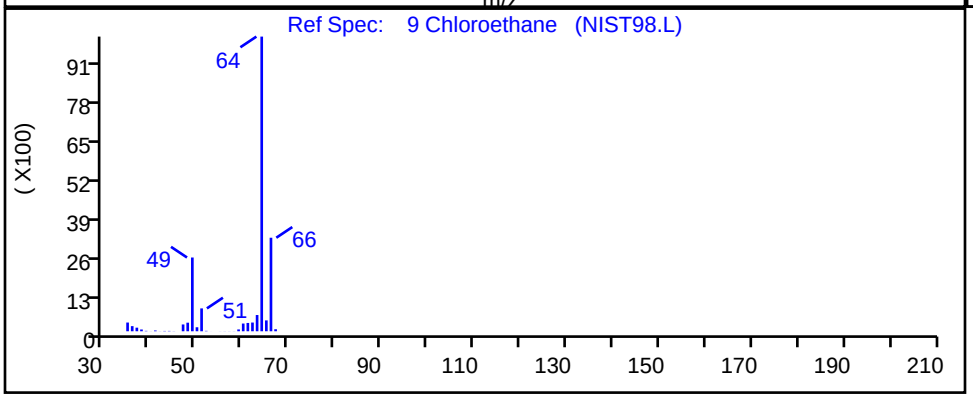
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.89 | 64.00 | 2313 | 0.153989 |
| 4.92 | 66.00 | 0 | |

Reviewer: D7UM, 26-Aug-2025 08:08:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

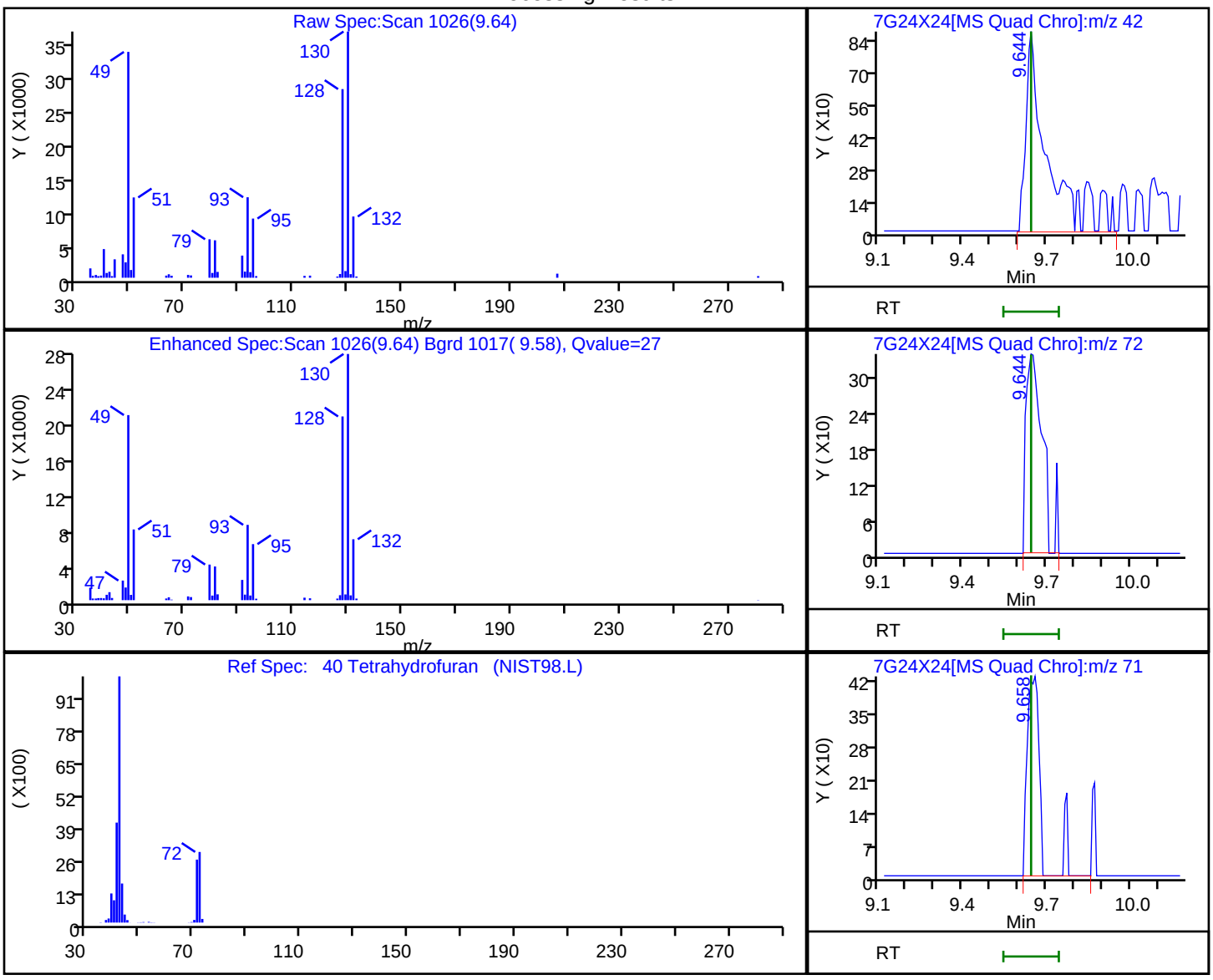
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250824-157548.b\7G24X24.D | | | | |
| Injection Date: | 25-Aug-2025 16:03:03 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-238933-A-1 | Lab Sample ID: | 410-238933-1 | | |
| Client ID: | 1501 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 17 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 40 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.64 | 42.00 | 4985 | 0.152838 |
| 9.64 | 72.00 | 1378 | |
| 9.66 | 71.00 | 1374 | |

Reviewer: D7UM, 26-Aug-2025 08:09:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID: 1651
Lab Sample ID: 410-239418-1

Matrix: Air
Lab File ID: 7G27X11.D

Analysis Method: TO-15
Date Collected: 08/27/2025 14:21

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 15:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID: 1651
Lab Sample ID: 410-239418-1

Matrix: Air
Lab File ID: 7G27X11.D

Analysis Method: TO-15
Date Collected: 08/27/2025 14:21

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 15:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID: 1651
Lab Sample ID: 410-239418-1

Matrix: Air
Lab File ID: 7G27X11.D

Analysis Method: TO-15
Date Collected: 08/27/2025 14:21

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 15:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-239418-1

SDG No.:

Client Sample ID: 1651
Lab Sample ID: 410-239418-1

Matrix: Air
Lab File ID: 7G27X11.D

Analysis Method: TO-15
Date Collected: 08/27/2025 14:21

Sample wt/vol: 200(mL)
Date Analyzed: 08/27/2025 15:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 691081
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X11.D
Lims ID: 410-239418-A-1
Client ID: 1651
Sample Type: Client
Inject. Date: 27-Aug-2025 15:08:34 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1651
Misc. Info.: 410-0157860-008
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 28-Aug-2025 13:37:38 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: D7UM Date: 28-Aug-2025 13:11:39

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.399 | 6.370 | 0.029 | 97 | 37723 | 0.8531 | M |
| 21 Isopropyl alcohol | 45 | 6.621 | 6.585 | 0.036 | 78 | 8311 | 0.2167 | |
| 20 Carbon disulfide | 76 | 6.771 | 6.757 | 0.014 | 88 | 12114 | 0.1218 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.622 | 9.615 | 0.007 | 87 | 426372 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.220 | 0.000 | 94 | 1560682 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.465 | -0.001 | 86 | 1443801 | 10.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

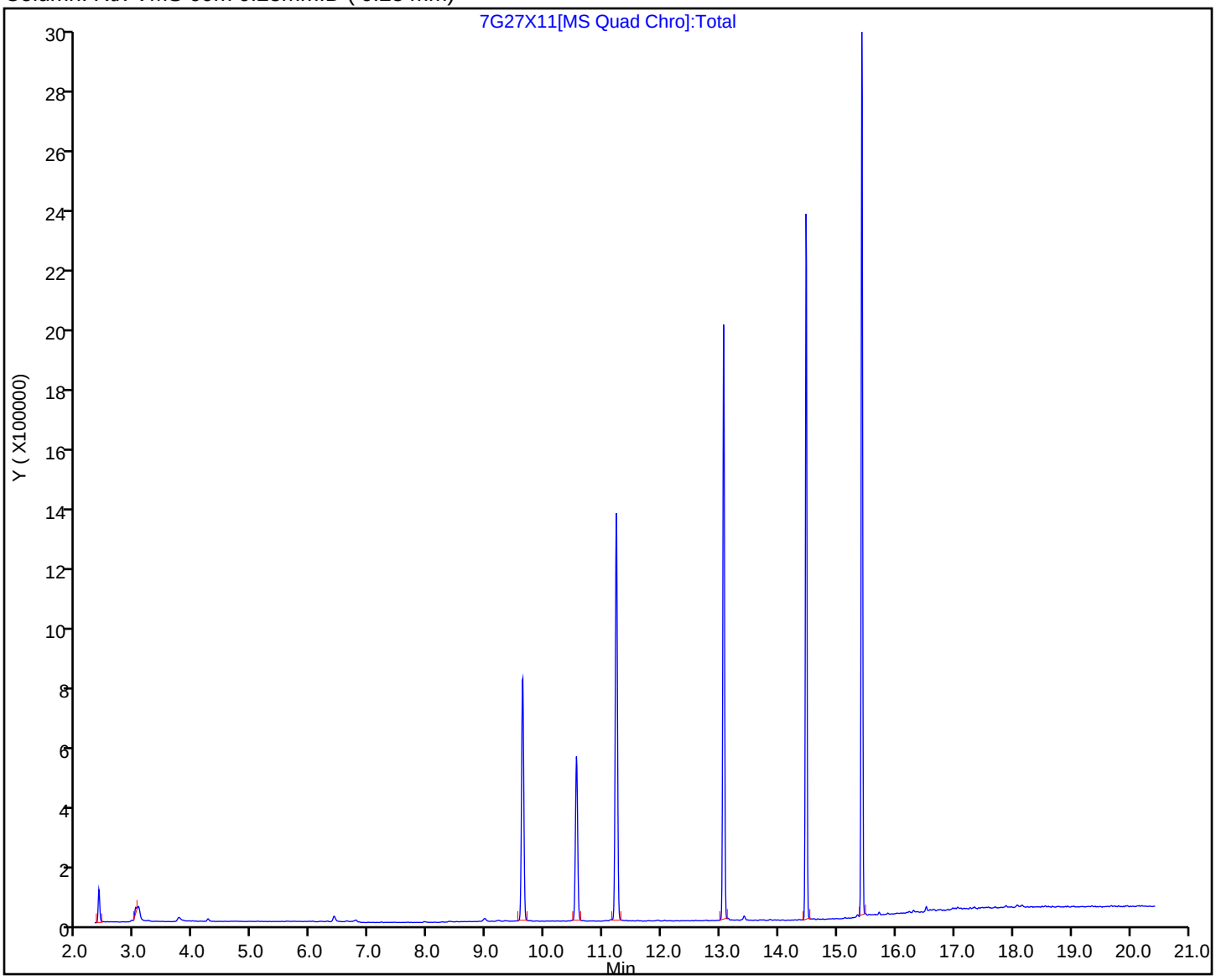
AIRIS200 ppb_00516 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 28-Aug-2025 13:57:36 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X11.D | | | | |
| Injection Date: | 27-Aug-2025 15:08:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-239418-A-1 | Lab Sample ID: | 410-239418-1 | | |
| Client ID: | 1651 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

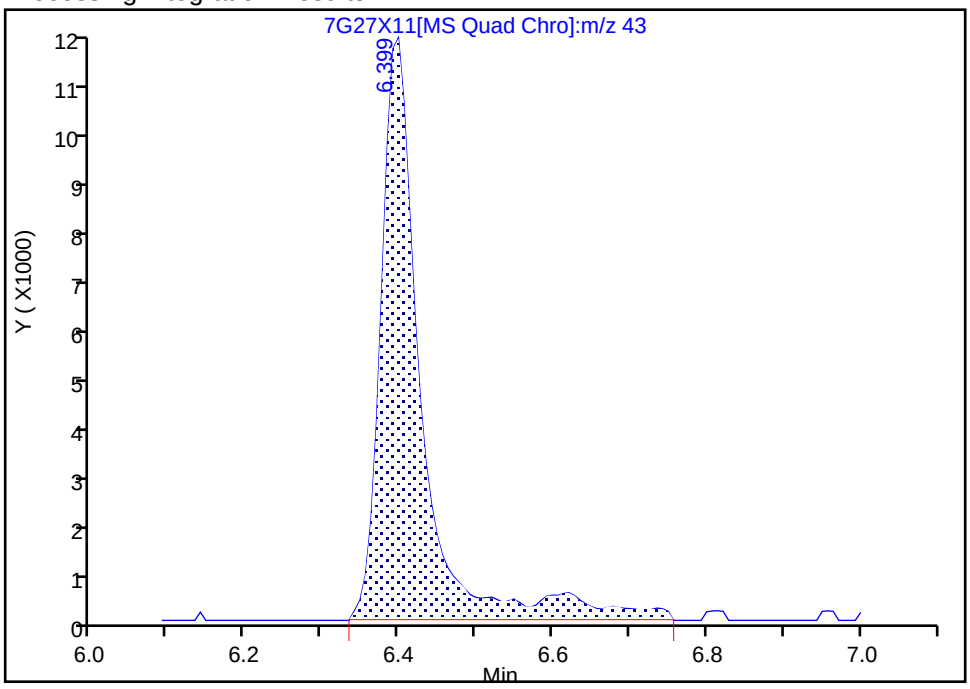
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X11.D | | | | |
| Injection Date: | 27-Aug-2025 15:08:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-239418-A-1 | Lab Sample ID: | 410-239418-1 | | |
| Client ID: | 1651 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 18 Acetone, CAS: 67-64-1

Signal: 1

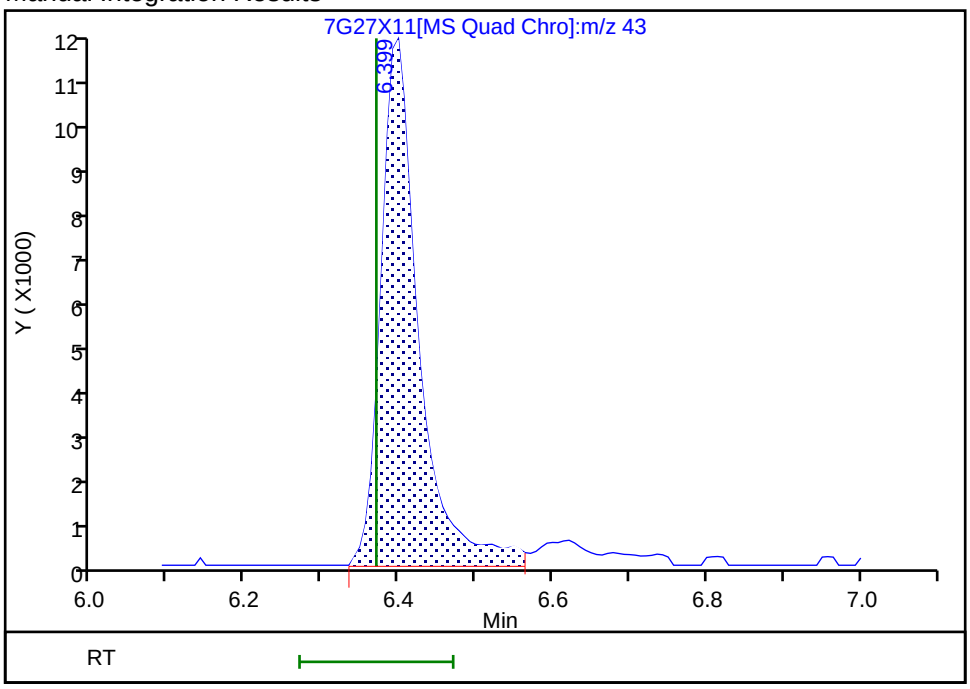
Processing Integration Results

RT: 6.40
Area: 41182
Amount: 0.931284
Amount Units: ppb v/v




Manual Integration Results

RT: 6.40
Area: 37723
Amount: 0.853063
Amount Units: ppb v/v




Reviewer: D7UM, 28-Aug-2025 13:10:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

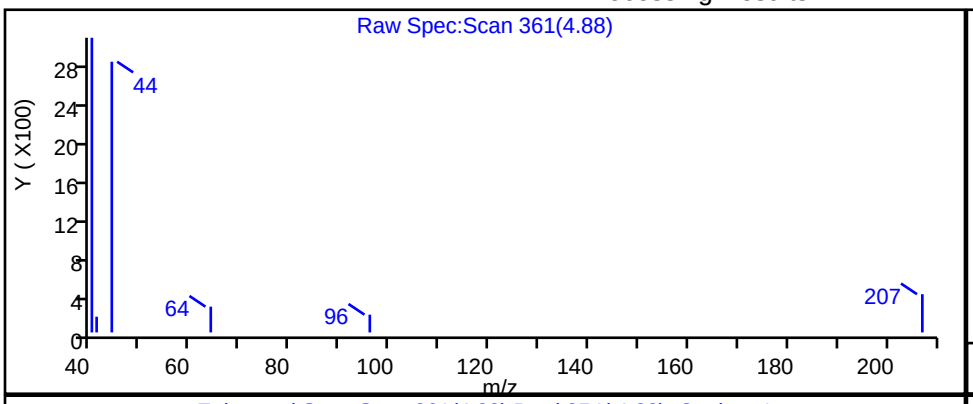
User Disabled Compound Report

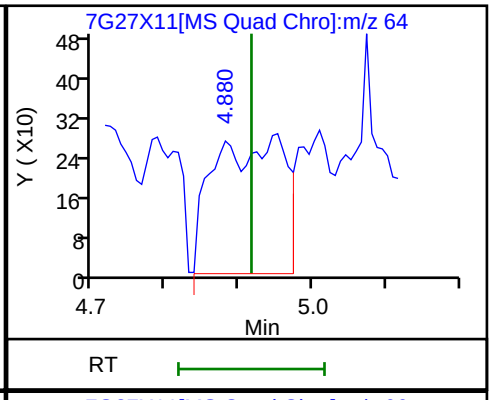
Eurofins Lancaster Laboratories Environment Testing, LLC

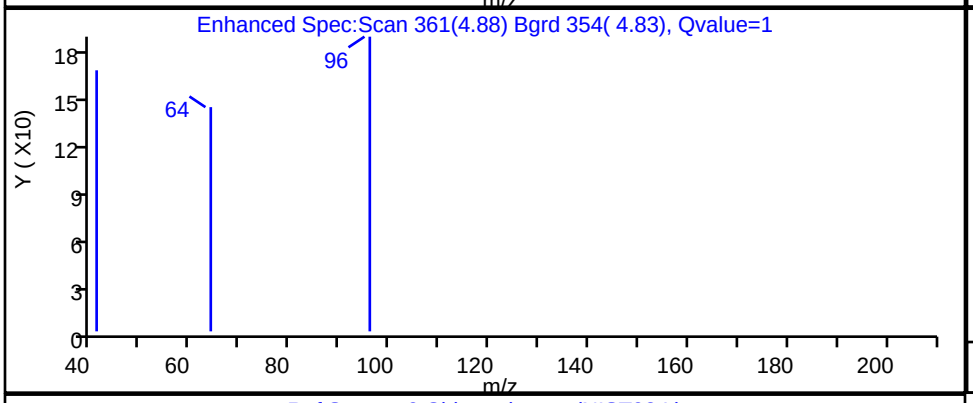
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250827-157860.b\7G27X11.D | | | | |
| Injection Date: | 27-Aug-2025 15:08:34 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-239418-A-1 | Lab Sample ID: | 410-239418-1 | | |
| Client ID: | 1651 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 8 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

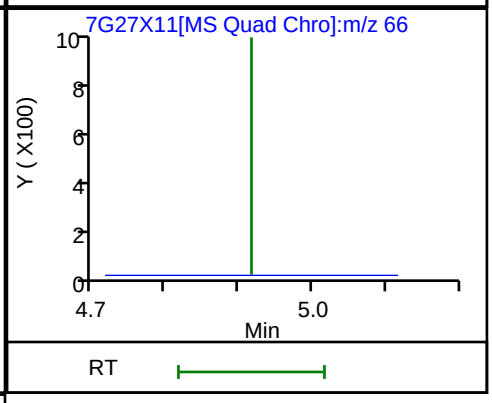
## 9 Chloroethane, CAS: 75-00-3

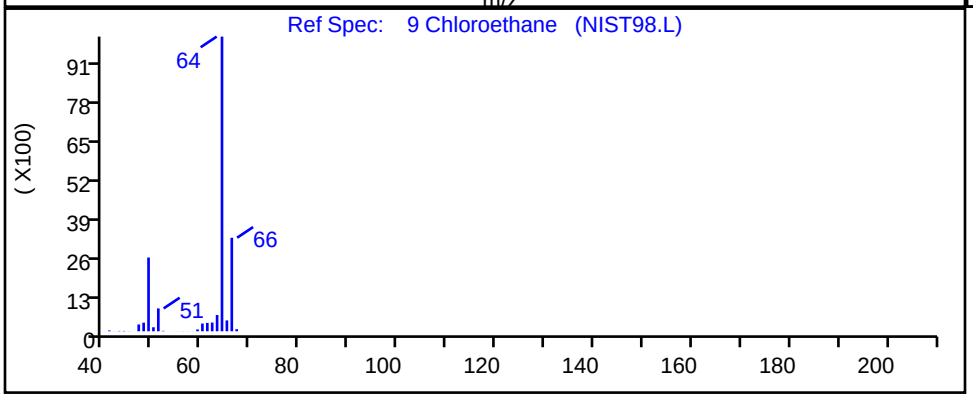
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.88 | 64.00 | 1831 | 0.113069 |
| 4.92 | 66.00 | 0 | |

Reviewer: D7UM, 28-Aug-2025 13:10:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Client Sample ID: 801  Lab Sample ID: 410-240036-1

Matrix: Air  Lab File ID: 5G31X11.D

Analysis Method: TO-15  Date Collected: 07/17/2025 12:30

Sample wt/vol: 200(mL)  Date Analyzed: 08/31/2025 21:12

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: DB-624 30m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 692984  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID: 801
Lab Sample ID: 410-240036-1

Matrix: Air
Lab File ID: 5G31X11.D

Analysis Method: TO-15
Date Collected: 07/17/2025 12:30

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 21:12

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID: 801
Lab Sample ID: 410-240036-1

Matrix: Air
Lab File ID: 5G31X11.D

Analysis Method: TO-15
Date Collected: 07/17/2025 12:30

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 21:12

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-240036-1

SDG No.:

Client Sample ID: 801
Lab Sample ID: 410-240036-1

Matrix: Air
Lab File ID: 5G31X11.D

Analysis Method: TO-15
Date Collected: 07/17/2025 12:30

Sample wt/vol: 200(mL)
Date Analyzed: 08/31/2025 21:12

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 692984
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP22820

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\5G31X11.D
Lims ID: 410-240036-A-1
Client ID: 801
Sample Type: Client
Inject. Date: 31-Aug-2025 21:12:43 ALS Bottle#: 8 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc801
Misc. Info.: 410-0158284-012
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 03-Sep-2025 08:15:06 Calib Date: 19-Aug-2025 16:43:19
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250819-157059.b\5G19X10.D

Column 1 : DB-624 30m .25mm ( 0.25 mm) Det: MS Quad
Process Host: CTX1696

First Level Reviewer: D7UM Date: 03-Sep-2025 08:15:06

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 3.801 | 3.787 | 0.014 | 98 | 12517 | 0.5887 | |
| 20 Carbon disulfide | 76 | 4.016 | 4.009 | 0.007 | 95 | 3455 | 0.0754 | |
| * 39 Chlorobromomethane (IS) | 130 | 6.301 | 6.301 | 0.000 | 88 | 72952 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 7.275 | 7.275 | 0.000 | 94 | 258378 | 10.0 | |
| * 72 Chlorobenzene-d5 (IS) | 117 | 9.610 | 9.611 | -0.001 | 85 | 294265 | 10.0 | |

## QC Flag Legend
Processing Flags

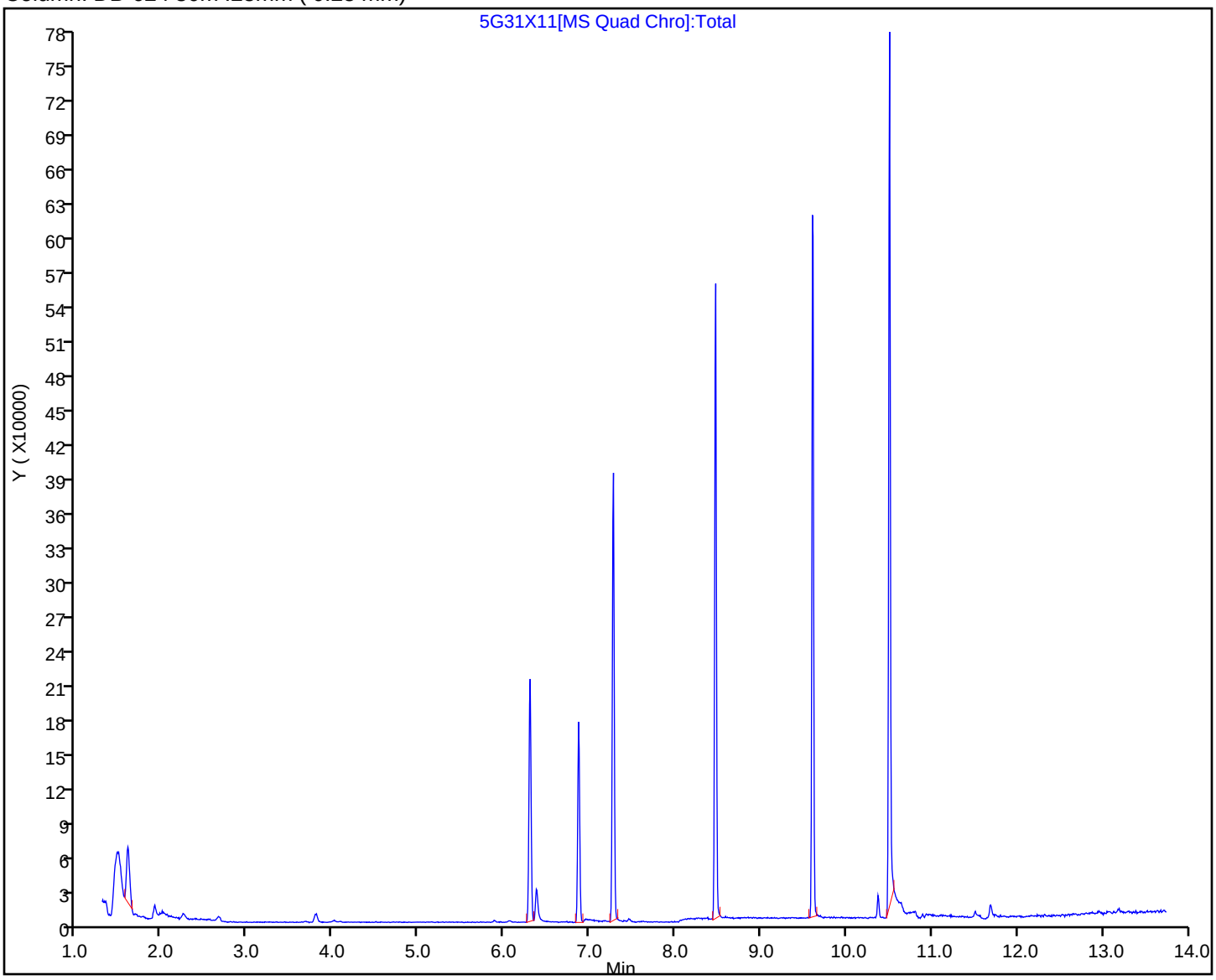
## Reagents:
AIRIS200 ppb_00517 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 03-Sep-2025 08:57:30 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP22820\20250831-158284.b\5G31X11.D | | | | |
| Injection Date: | 31-Aug-2025 21:12:43 | Instrument ID: | HP22820 | | |
| Lims ID: | 410-240036-A-1 | Lab Sample ID: | 410-240036-1 | | |
| Client ID: | 801 | | | | |
| Operator ID: | al109694 | ALS Bottle#: | 8 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_TO15_HP22820 | Limit Group: | MSV - TO15 | | |

Column: DB-624 30m .25mm ( 0.25 mm)






10/16/2025
9:18:09 AM

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID: 1463
Lab Sample ID: 410-241184-1

Matrix: Air
Lab File ID: 7S04X14x.D

Analysis Method: TO-15
Date Collected: 09/03/2025 10:40

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 23:27

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 542-75-6 | 1,3-Dichloropropene, Total | ND | | 1.0 | 0.10 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID: 1463
Lab Sample ID: 410-241184-1

Matrix: Air
Lab File ID: 7S04X14x.D

Analysis Method: TO-15
Date Collected: 09/03/2025 10:40

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 23:27

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID: 1463
Lab Sample ID: 410-241184-1

Matrix: Air
Lab File ID: 7S04X14x.D

Analysis Method: TO-15
Date Collected: 09/03/2025 10:40

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 23:27

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-241184-1

SDG No.:

Client Sample ID: 1463
Lab Sample ID: 410-241184-1

Matrix: Air
Lab File ID: 7S04X14x.D

Analysis Method: TO-15
Date Collected: 09/03/2025 10:40

Sample wt/vol: 200(mL)
Date Analyzed: 09/04/2025 23:27

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 694598
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\7S04X14x.D
Lims ID: 410-241184-A-1
Client ID: 1463
Sample Type: Client
Inject. Date: 04-Sep-2025 23:27:57 ALS Bottle#: 6 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1463
Misc. Info.: 410-0158652-015
Operator ID: ans117803 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Sep-2025 11:39:34 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: D7UM Date: 09-Sep-2025 14:18:32

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 6.392 | 6.384 | 0.008 | 93 | 17887 | 0.4315 | |
| 21 Isopropyl alcohol | 45 | 6.600 | 6.599 | 0.001 | 66 | 5593 | 0.1556 | |
| * 39 Chlorobromomethane (IS) | 130 | 9.615 | 9.622 | -0.007 | 94 | 399648 | 10.0 | |
| * 51 1,4-Difluorobenzene | 114 | 11.220 | 11.226 | -0.006 | 95 | 1473583 | 10.0 | |
| * 73 Chlorobenzene-d5 (IS) | 117 | 14.465 | 14.471 | -0.006 | 88 | 1365322 | 10.0 | |

## QC Flag Legend
Processing Flags

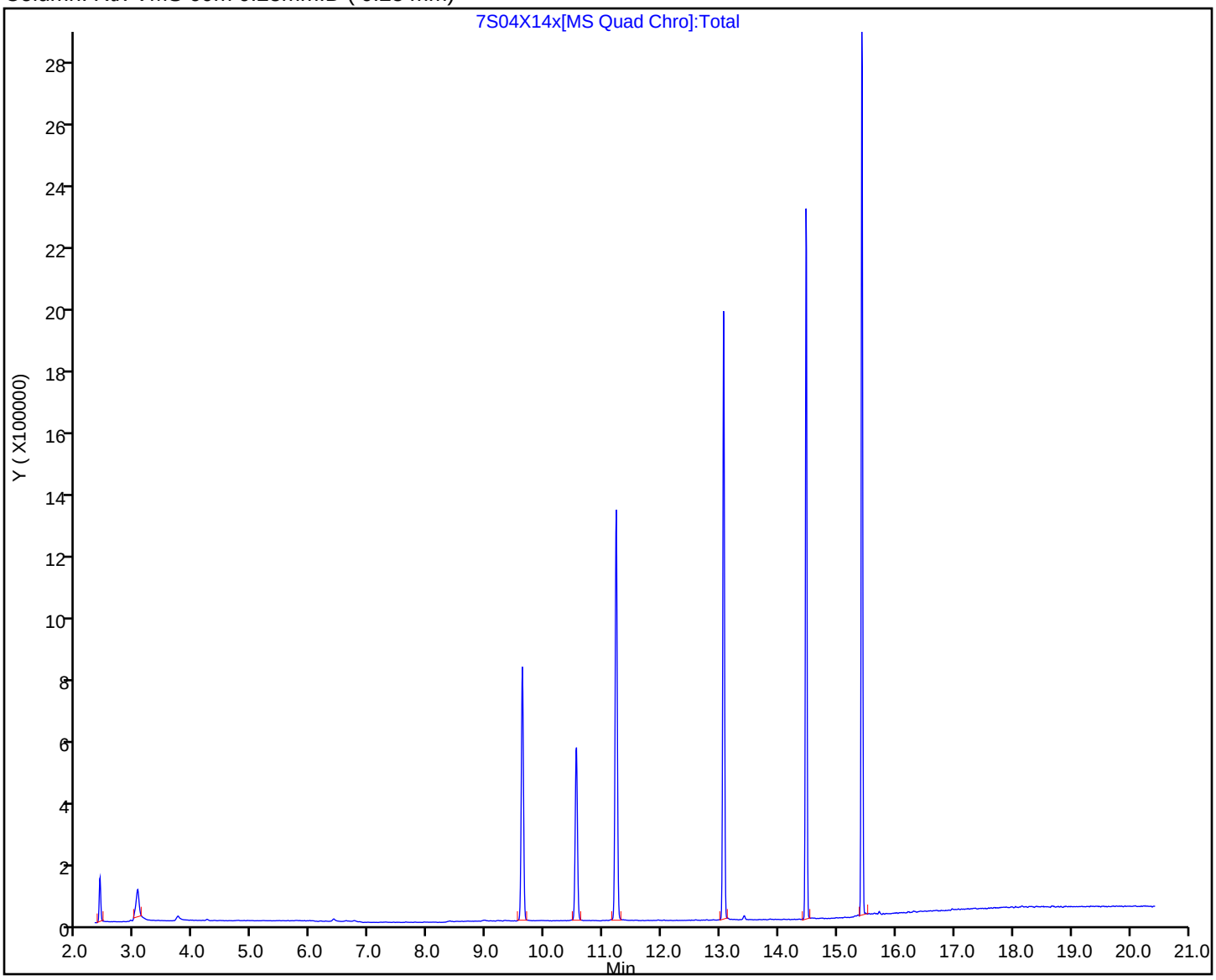
## Reagents:
AIRIS200 ppb_00521 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Sep-2025 11:40:15 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP8R004\20250904-158652.b\7S04X14x.D | | | | |
| Injection Date: | 04-Sep-2025 23:27:57 | Instrument ID: | HP8R004 | | |
| Lims ID: | 410-241184-A-1 | Lab Sample ID: | 410-241184-1 | | |
| Client ID: | 1463 | | | | |
| Operator ID: | ans117803 | ALS Bottle#: | 6 | Worklist Smp#: | 16 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | AirMS_HP8R004 | Limit Group: | MSV - TO15 | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1904
Lab Sample ID: 410-242113-1

Matrix: Air
Lab File ID: 6S11X22.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:05

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | 1.5 | J | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1904
Lab Sample ID: 410-242113-1

Matrix: Air
Lab File ID: 6S11X22.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:05

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1904
Lab Sample ID: 410-242113-1

Matrix: Air
Lab File ID: 6S11X22.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:05

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1904
Lab Sample ID: 410-242113-1

Matrix: Air
Lab File ID: 6S11X22.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:05

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D
Lims ID: 410-242113-A-1
Client ID: 1904
Sample Type: Client
Inject. Date: 11-Sep-2025 20:05:21 ALS Bottle#: 5 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1904
Misc. Info.: 410-0159389-021
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 17-Sep-2025 08:10:17 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1697

First Level Reviewer: JXC9 Date: 15-Sep-2025 17:16:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.518 | 3.491 | 0.027 | 100 | 134552 | 1.47 | |
| 17 Carbon disulfide | 76 | 3.563 | 3.574 | -0.011 | 95 | 17499 | 0.1217 | |
| 20 Isopropyl alcohol | 45 | 3.698 | 3.641 | 0.057 | 99 | 59696 | 0.4916 | |
| 43 2-Butanone (MEK) | 72 | 5.422 | 5.403 | 0.019 | 99 | 3163 | 0.1140 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 91 | 385075 | 10.0 | |
| 46 Benzene | 78 | 6.273 | 6.277 | -0.004 | 73 | 7708 | 0.0637 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 97 | 1349736 | 10.0 | |
| 59 Toluene | 91 | 8.552 | 8.552 | 0.000 | 95 | 11025 | 0.0729 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1401358 | 10.0 | |
| 72 m-Xylene & p-Xylene | 91 | 10.160 | 10.160 | 0.000 | 94 | 27037 | 0.1854 | |

## QC Flag Legend
Processing Flags

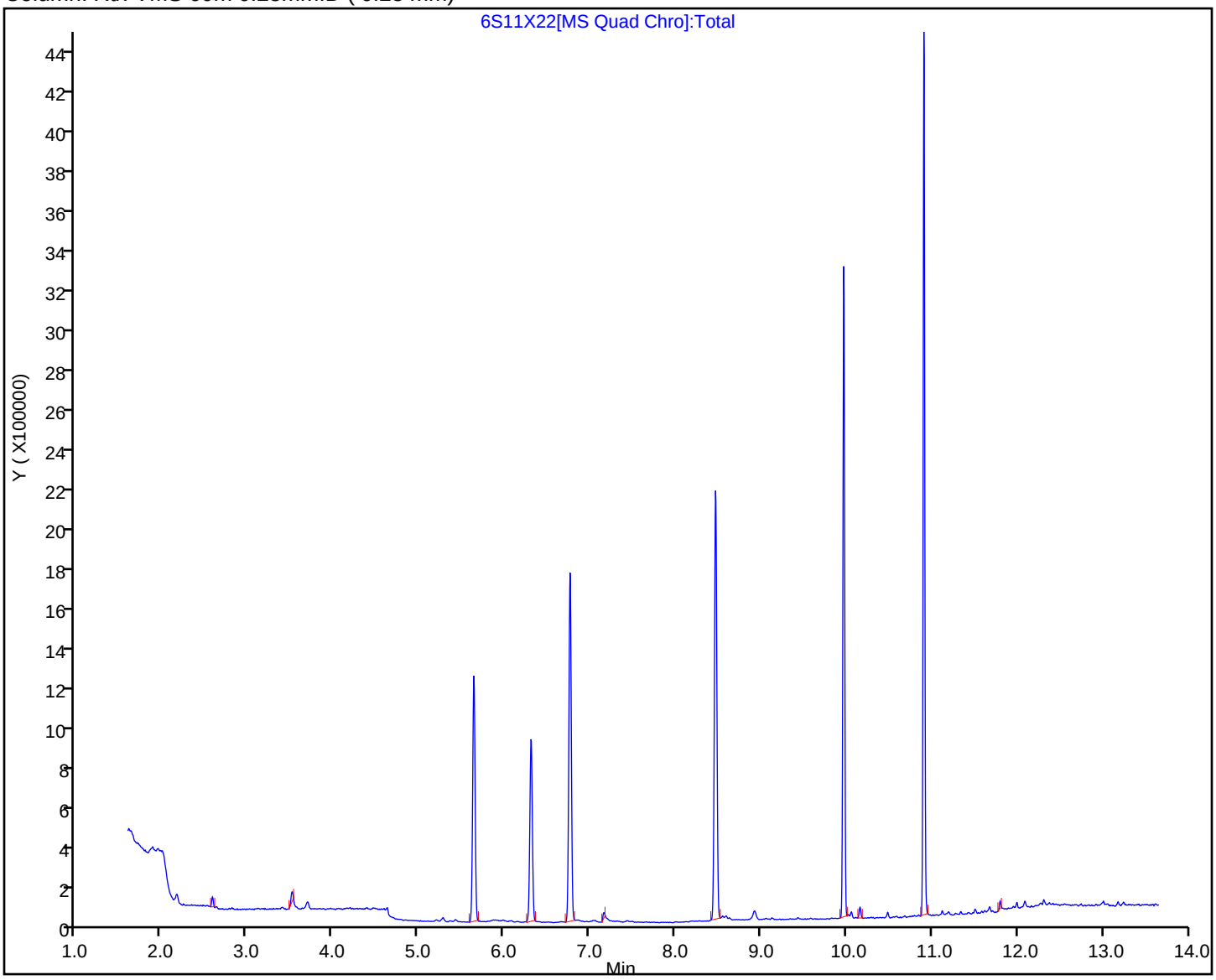
## Reagents:
AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 17-Sep-2025 08:10:32 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |

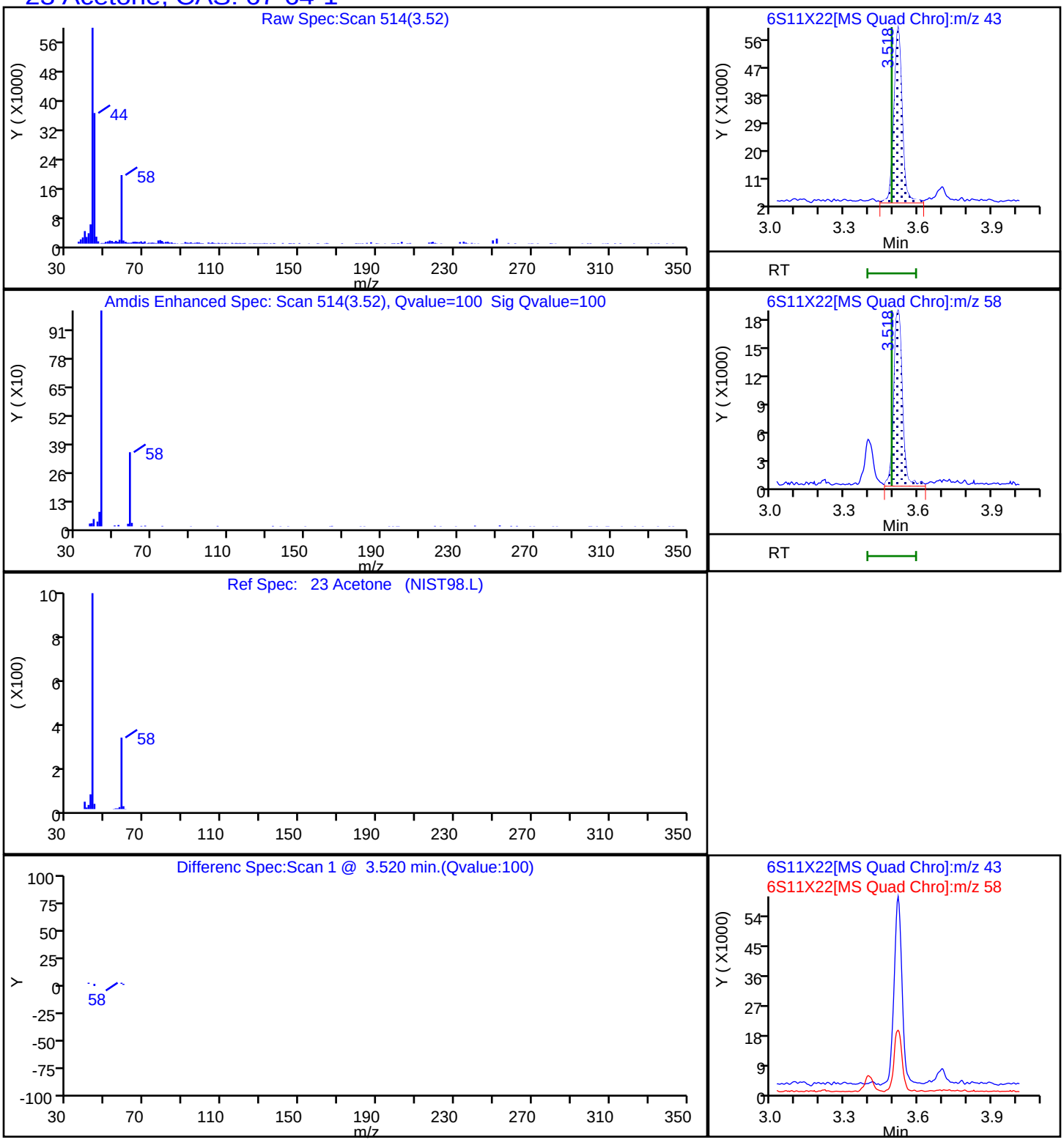
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



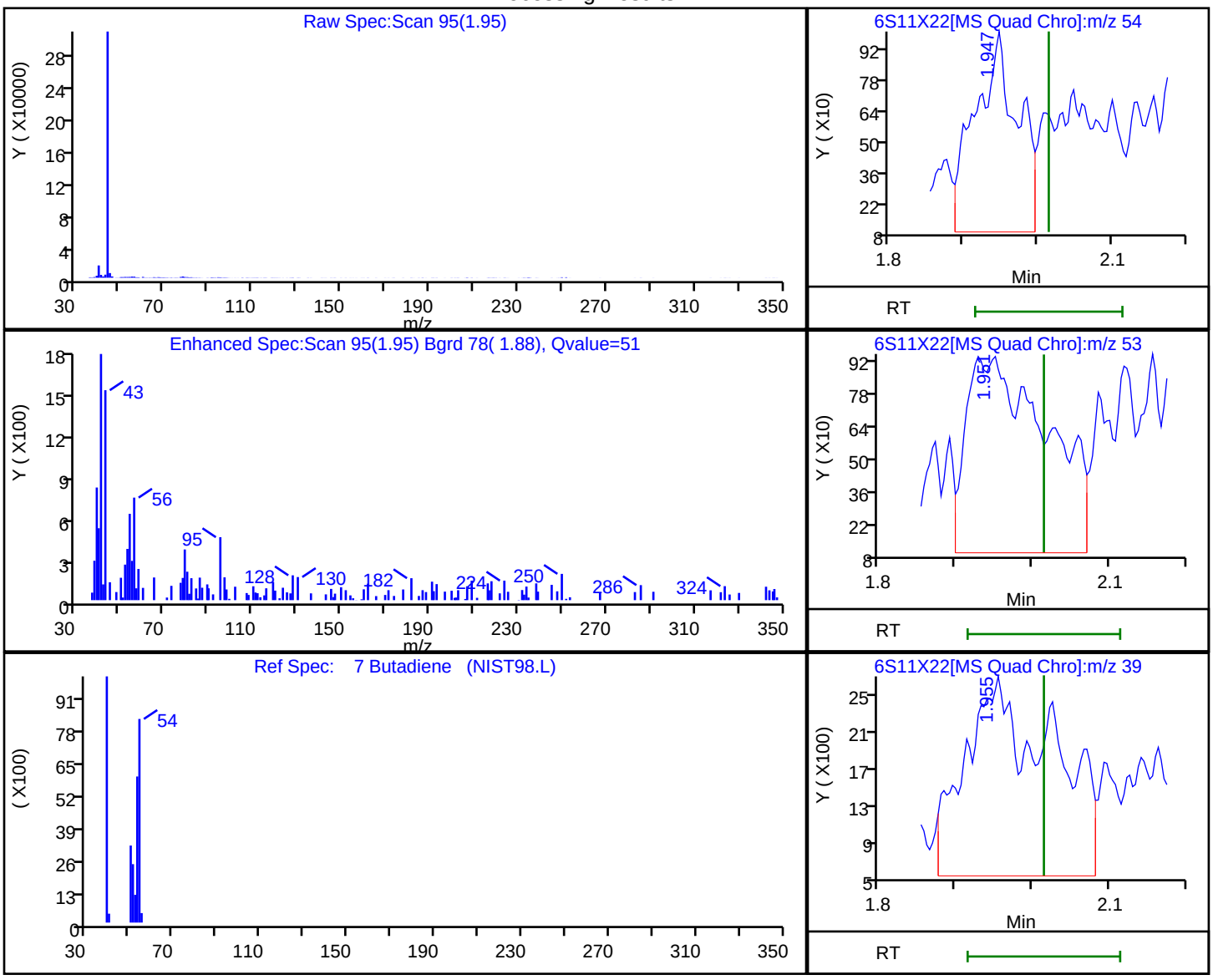
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.95 | 54.00 | 3600 | 0.088507 |
| 1.95 | 53.00 | 6293 | |
| 1.95 | 39.00 | 16762 | |

Reviewer: D7UM, 16-Sep-2025 08:36:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

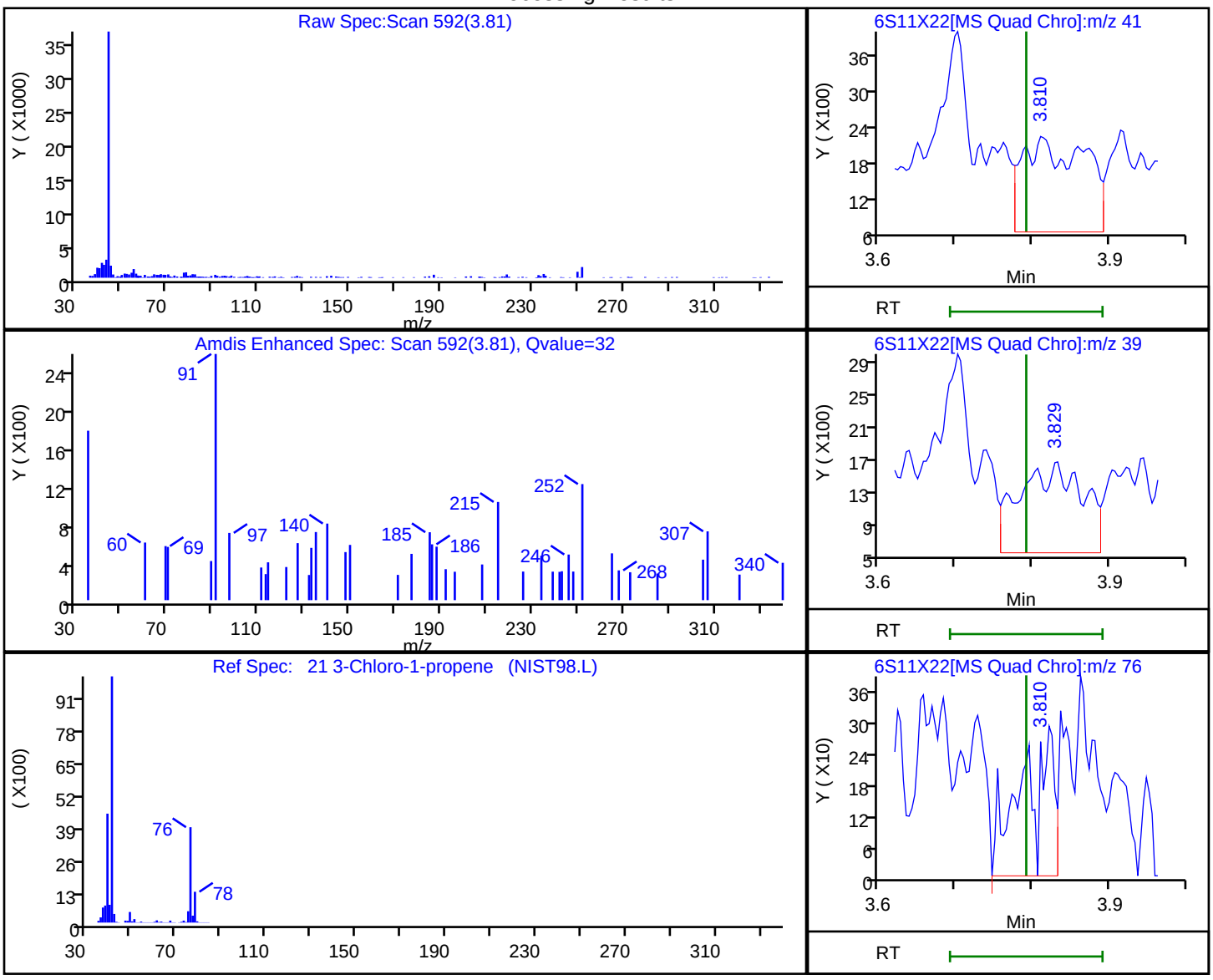
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.81 | 41.00 | 8701 | 0.117801 |
| 3.83 | 39.00 | 6365 | |
| 3.81 | 76.00 | 818 | |

Reviewer: D7UM, 16-Sep-2025 08:36:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

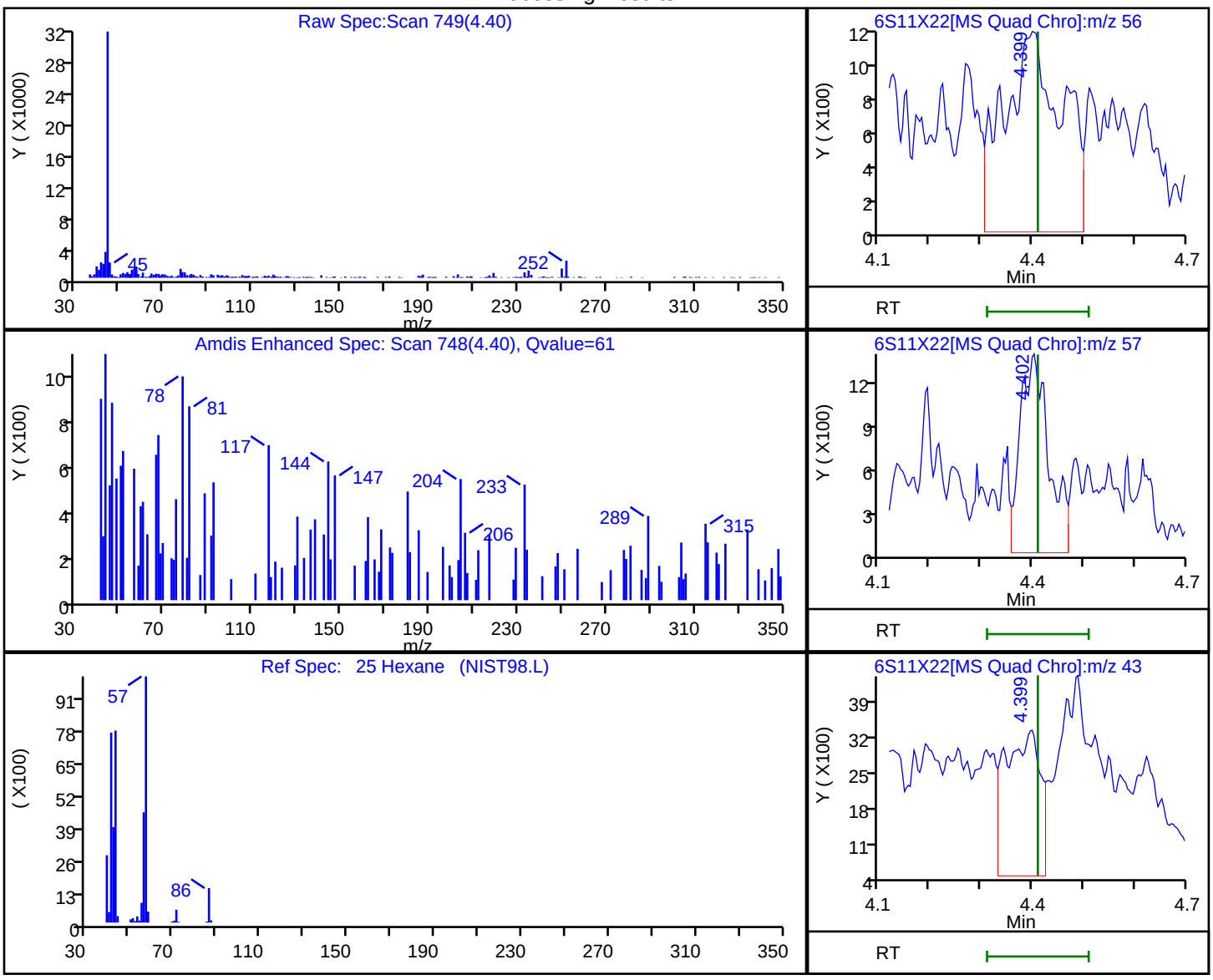
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.40 | 56.00 | 9056 | 0.194935 |
| 4.40 | 57.00 | 5340 | |
| 4.40 | 43.00 | 13295 | |
| 4.40 | 86.00 | 1116 | |

Reviewer: D7UM, 16-Sep-2025 08:36:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

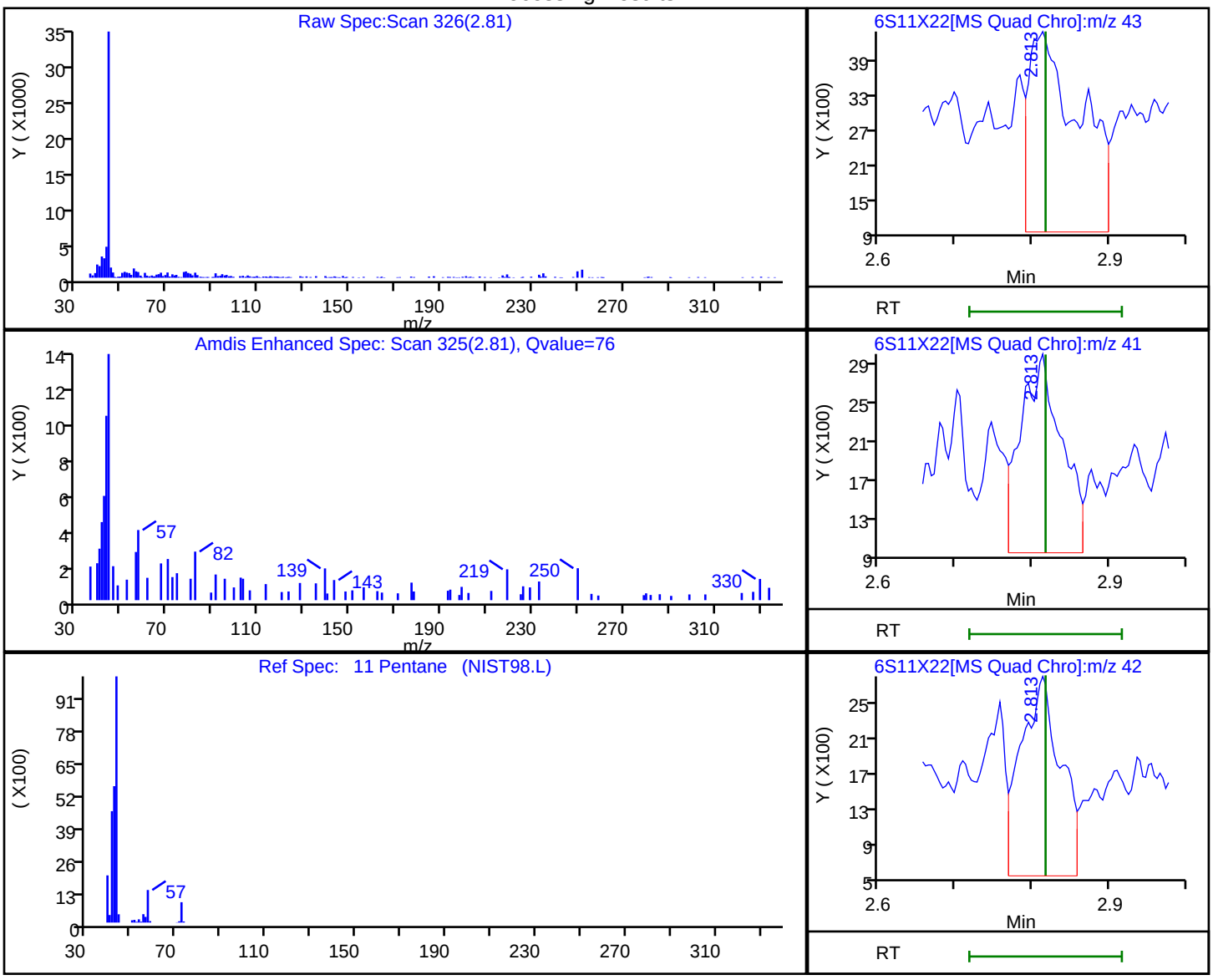
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 11 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.81 | 43.00 | 15331 | 0.164260 |
| 2.81 | 41.00 | 7636 | |
| 2.81 | 42.00 | 7775 | |

Reviewer: D7UM, 16-Sep-2025 08:36:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

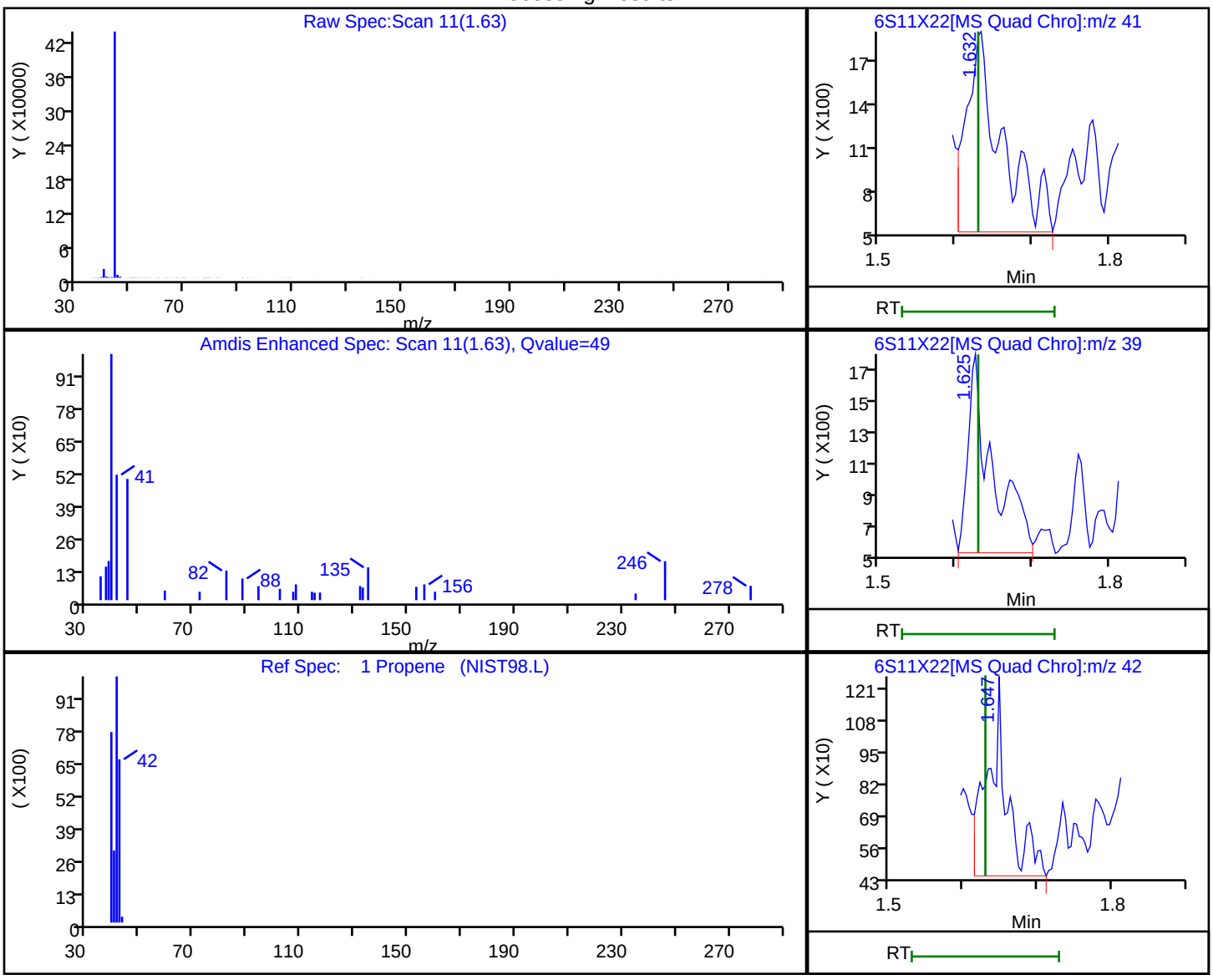
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 1 Propene, CAS: 115-07-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.63 | 41.00 | 4189 | 0.094174 |
| 1.62 | 39.00 | 2760 | |
| 1.65 | 42.00 | 1488 | |

Reviewer: D7UM, 16-Sep-2025 08:36:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

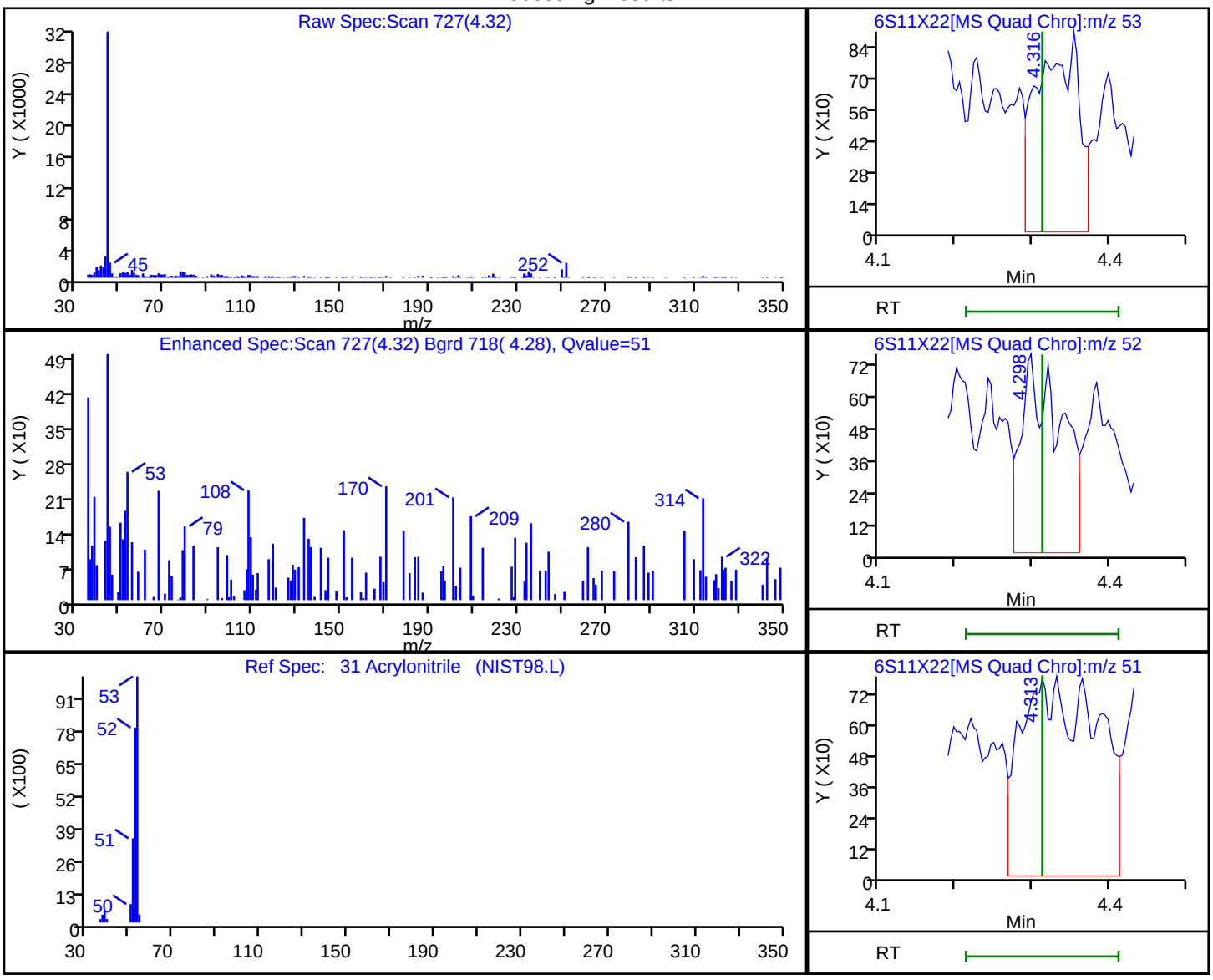
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X22.D | | | | |
| Injection Date: | 11-Sep-2025 20:05:21 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-1 | Lab Sample ID: | 410-242113-1 | | |
| Client ID: | 1904 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 5 | Worklist Smp#: | 21 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 31 Acrylonitrile, CAS: 107-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.32 | 53.00 | 3288 | 0.071627 |
| 4.30 | 52.00 | 2688 | |
| 4.31 | 51.00 | 5455 | |

Reviewer: D7UM, 16-Sep-2025 08:36:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1461  Lab Sample ID: 410-242113-2

Matrix: Air  Lab File ID: 6S11X23.D

Analysis Method: TO-15  Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)  Date Analyzed: 09/11/2025 20:29

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 697757  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1461
Lab Sample ID: 410-242113-2

Matrix: Air
Lab File ID: 6S11X23.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:29

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1461
Lab Sample ID: 410-242113-2

Matrix: Air
Lab File ID: 6S11X23.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:29

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1461
Lab Sample ID: 410-242113-2

Matrix: Air
Lab File ID: 6S11X23.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:29

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D
Lims ID: 410-242113-A-2
Client ID: 1461
Sample Type: Client
Inject. Date: 11-Sep-2025 20:29:11 ALS Bottle#: 6 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1461
Misc. Info.: 410-0159389-022
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 17-Sep-2025 08:10:17 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1697

First Level Reviewer: D7UM Date: 15-Sep-2025 15:16:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.518 | 3.491 | 0.027 | 99 | 71190 | 0.7631 | |
| 17 Carbon disulfide | 76 | 3.559 | 3.574 | -0.015 | 95 | 13008 | 0.0886 | |
| 20 Isopropyl alcohol | 45 | 3.694 | 3.641 | 0.053 | 97 | 47016 | 0.3794 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 91 | 393015 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 97 | 1352058 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1413897 | 10.0 | |

## QC Flag Legend
Processing Flags

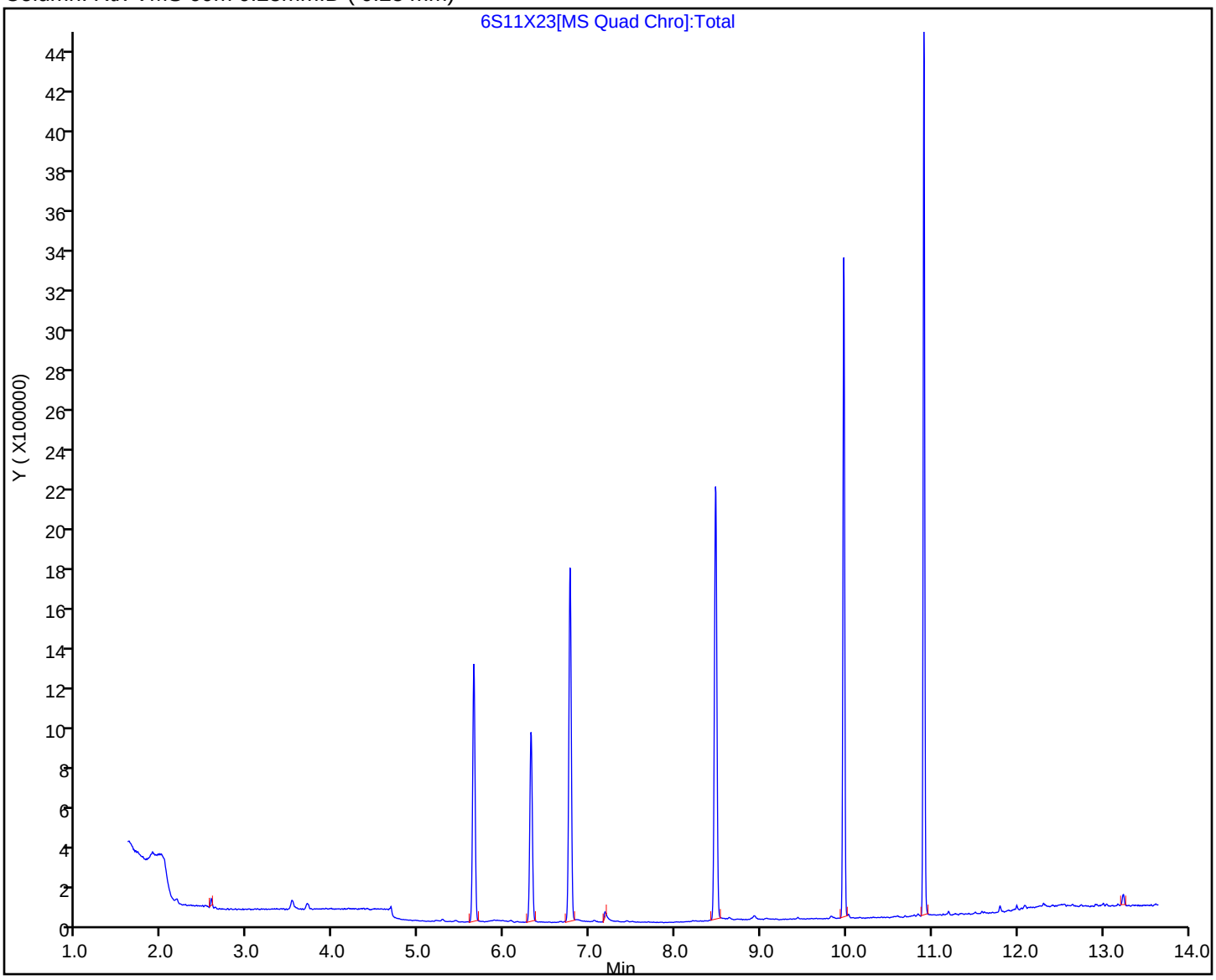
## Reagents:
AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 17-Sep-2025 08:10:34 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



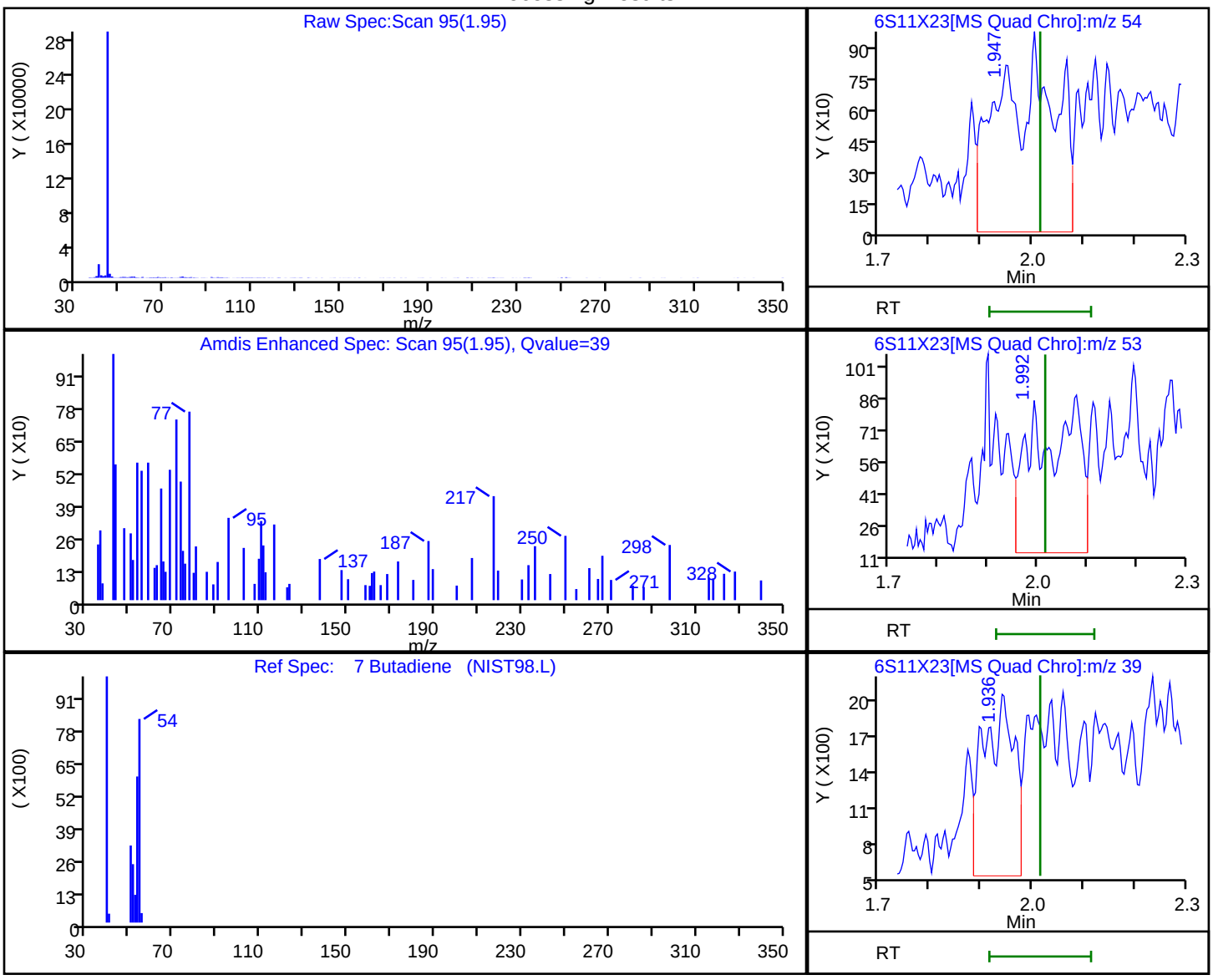
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 7 Butadiene, CAS: 106-99-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.95 | 54.00 | 6896 | 0.166115 |
| 1.99 | 53.00 | 4519 | |
| 1.94 | 39.00 | 6152 | |

Reviewer: JXC9, 15-Sep-2025 17:17:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

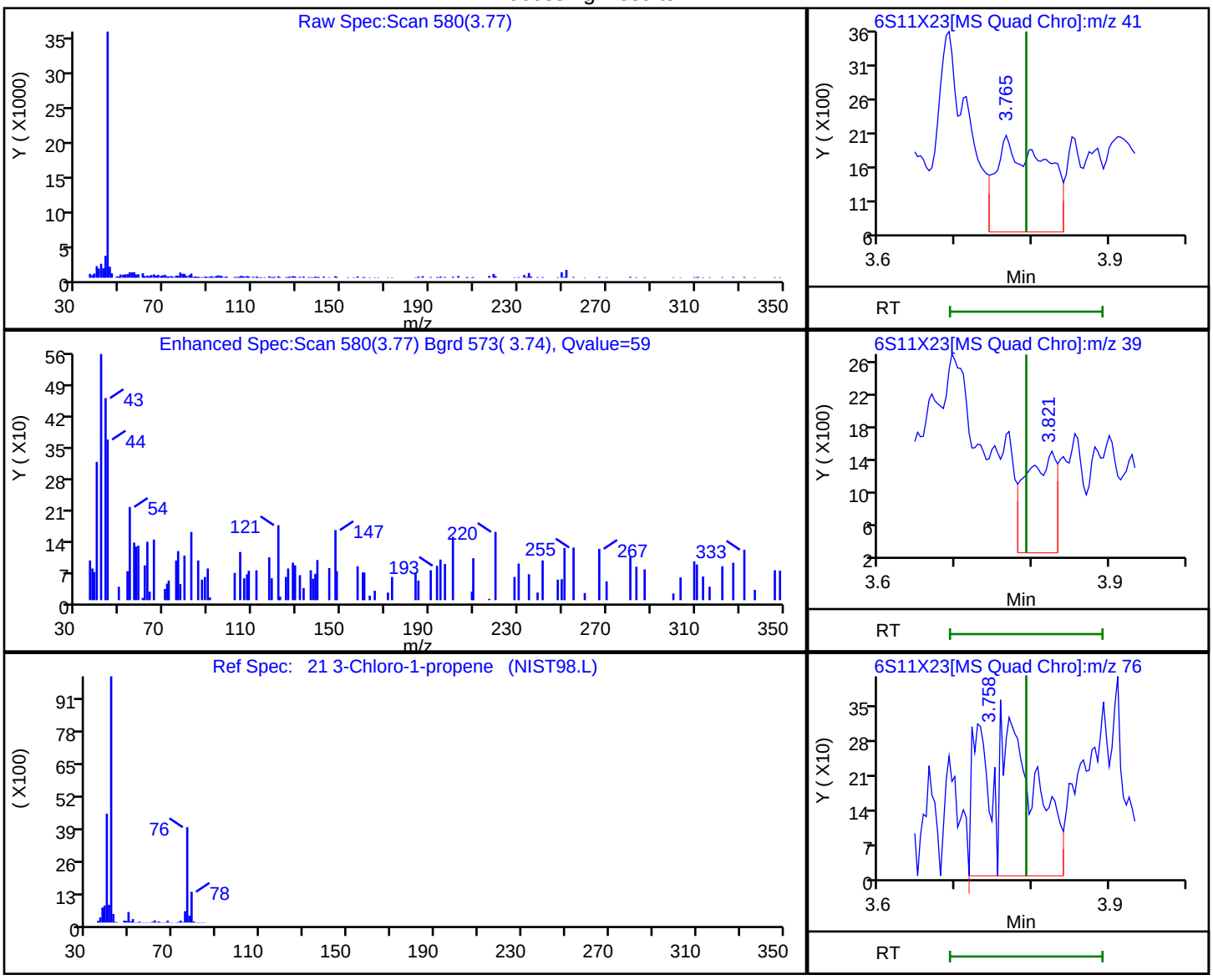
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.77 | 41.00 | 5889 | 0.078119 |
| 3.82 | 39.00 | 3131 | |
| 3.76 | 76.00 | 1507 | |

Reviewer: D7UM, 16-Sep-2025 08:32:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

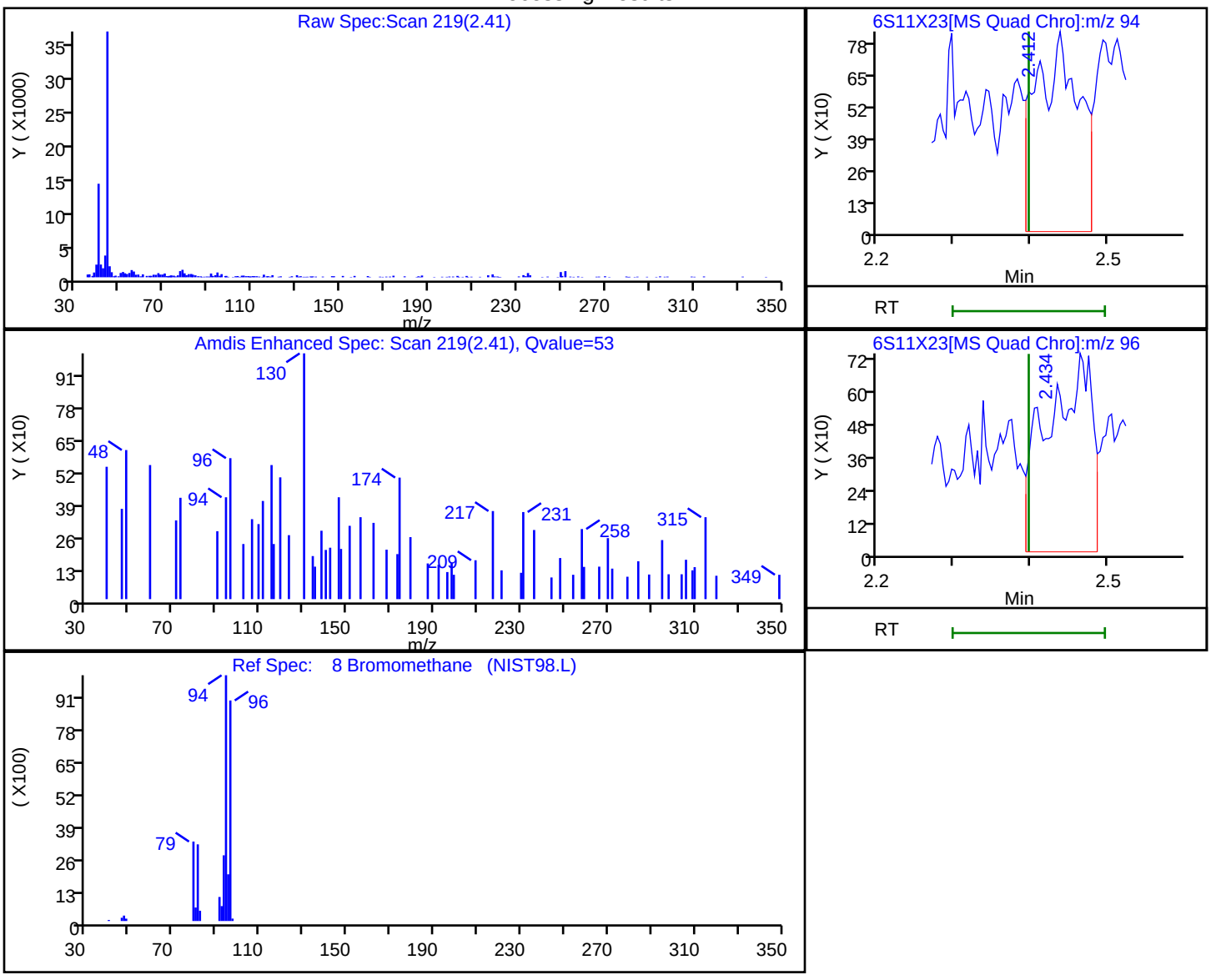
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 8 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.41 | 94.00 | 3094 | 0.097947 |
| 2.43 | 96.00 | 2935 | |

Reviewer: D7UM, 16-Sep-2025 08:32:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

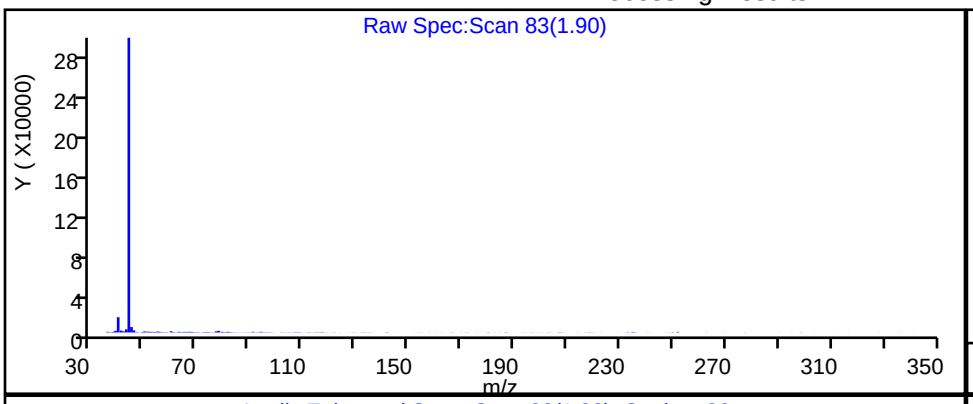
User Disabled Compound Report

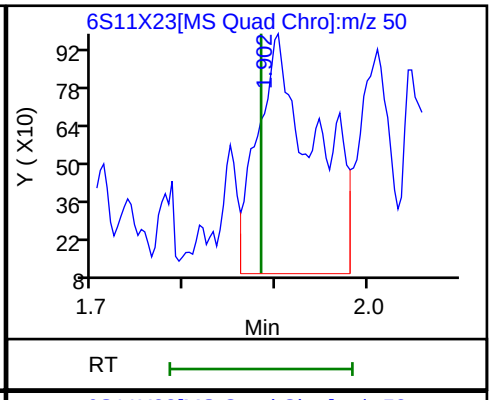
Eurofins Lancaster Laboratories Environment Testing, LLC

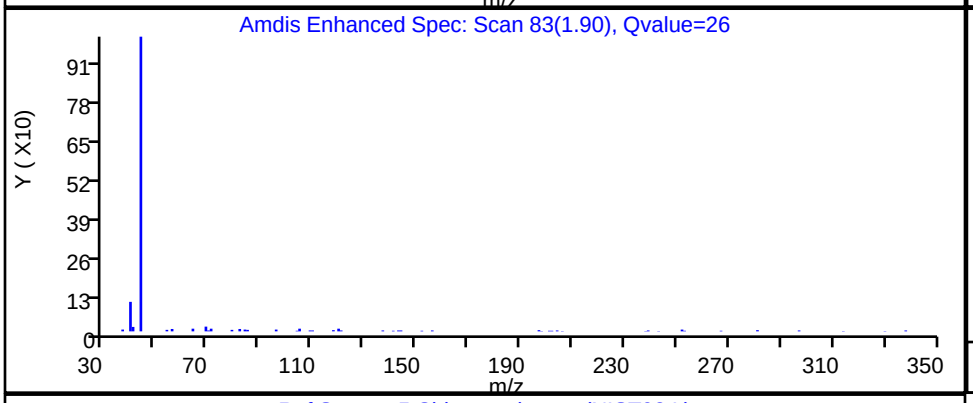
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

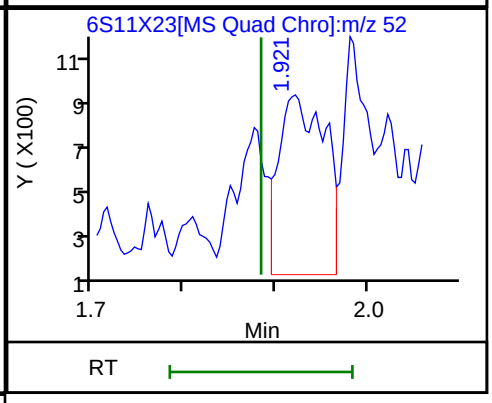
## 5 Chloromethane, CAS: 74-87-3

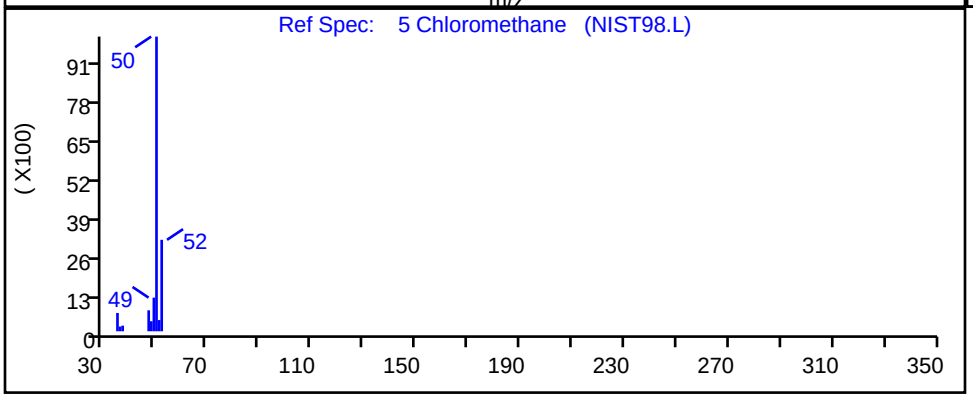
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.90 | 50.00 | 3852 | 0.120235 |
| 1.92 | 52.00 | 2755 | |

Reviewer: JXC9, 15-Sep-2025 17:16:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

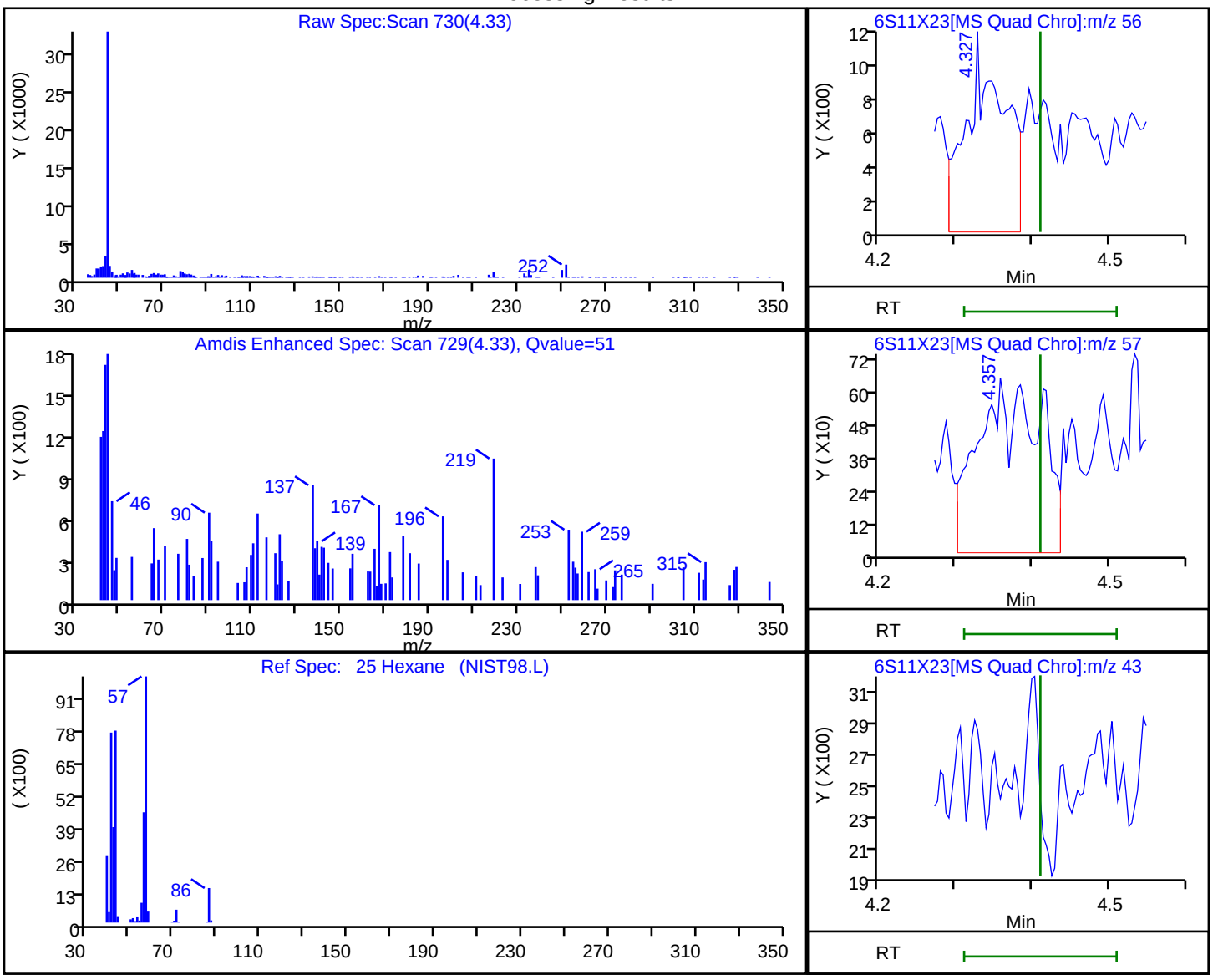
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.33 | 56.00 | 3818 | 0.080524 |
| 4.36 | 57.00 | 3619 | |
| 4.36 | 86.00 | 804 | |
| 4.41 | 43.00 | 0 | |

Reviewer: JXC9, 15-Sep-2025 17:17:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

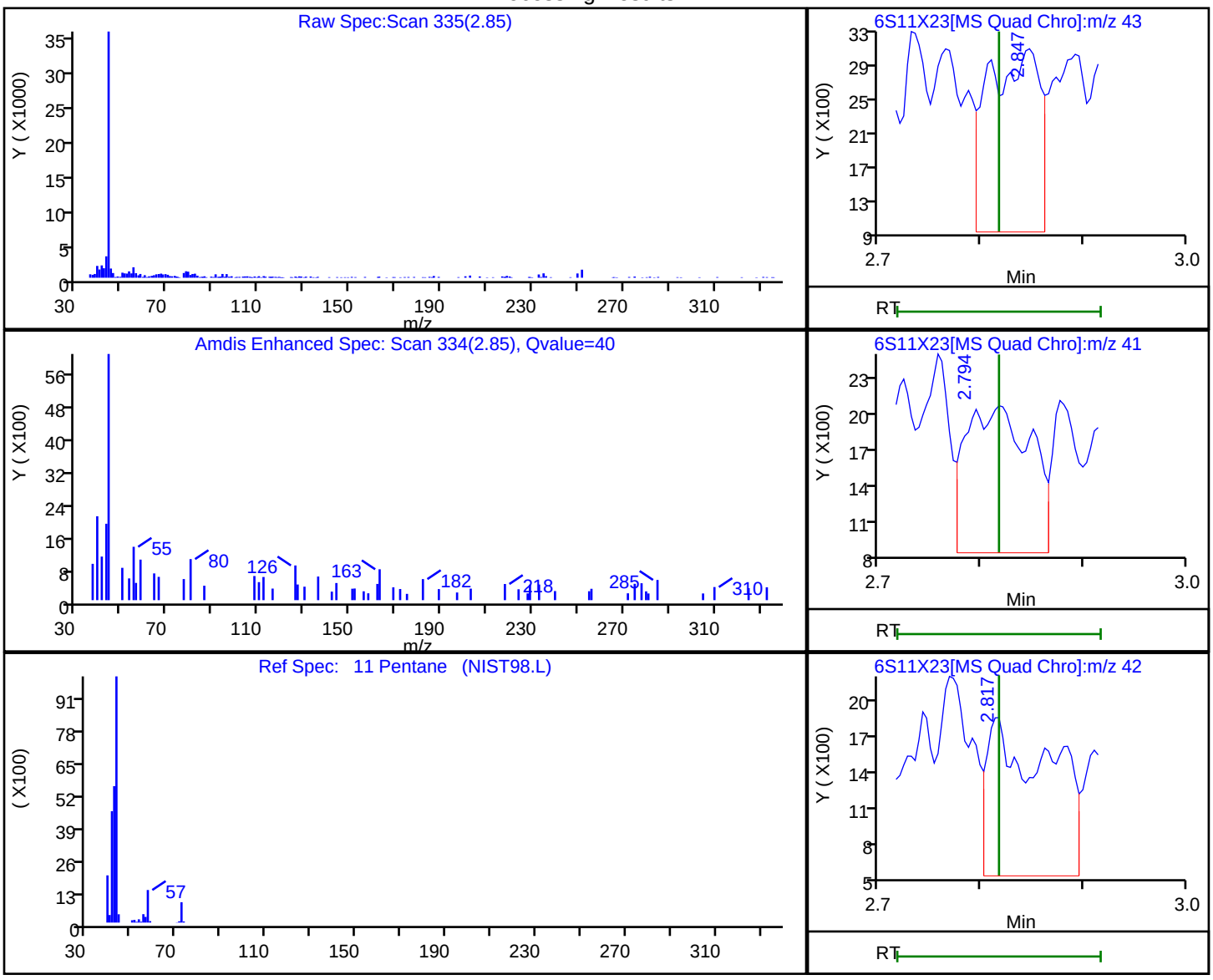
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X23.D | | | | |
| Injection Date: | 11-Sep-2025 20:29:11 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-2 | Lab Sample ID: | 410-242113-2 | | |
| Client ID: | 1461 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 6 | Worklist Smp#: | 22 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 11 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.85 | 43.00 | 7247 | 0.076077 |
| 2.79 | 41.00 | 5025 | |
| 2.82 | 42.00 | 5356 | |

Reviewer: D7UM, 16-Sep-2025 08:32:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1479  Lab Sample ID: 410-242113-3

Matrix: Air  Lab File ID: 6S11X24.D

Analysis Method: TO-15  Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)  Date Analyzed: 09/11/2025 20:52

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 697757  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1479
Lab Sample ID: 410-242113-3

Matrix: Air
Lab File ID: 6S11X24.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:52

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1479  Lab Sample ID: 410-242113-3

Matrix: Air  Lab File ID: 6S11X24.D

Analysis Method: TO-15  Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)  Date Analyzed: 09/11/2025 20:52

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: Rtx-VMS 60m  ID: 0.25(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 697757  Units: ppb v/v

Preparation Batch No.:  Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1479
Lab Sample ID: 410-242113-3

Matrix: Air
Lab File ID: 6S11X24.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 20:52

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D
Lims ID: 410-242113-A-3
Client ID: 1479
Sample Type: Client
Inject. Date: 11-Sep-2025 20:52:58 ALS Bottle#: 7 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1479
Misc. Info.: 410-0159389-023
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 17-Sep-2025 08:10:17 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1697

First Level Reviewer: D7UM Date: 15-Sep-2025 15:35:00

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.518 | 3.491 | 0.027 | 100 | 72262 | 0.7797 | |
| 17 Carbon disulfide | 76 | 3.563 | 3.574 | -0.011 | 96 | 13776 | 0.0945 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 91 | 390447 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 97 | 1354103 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1404231 | 10.0 | |

## QC Flag Legend
Processing Flags

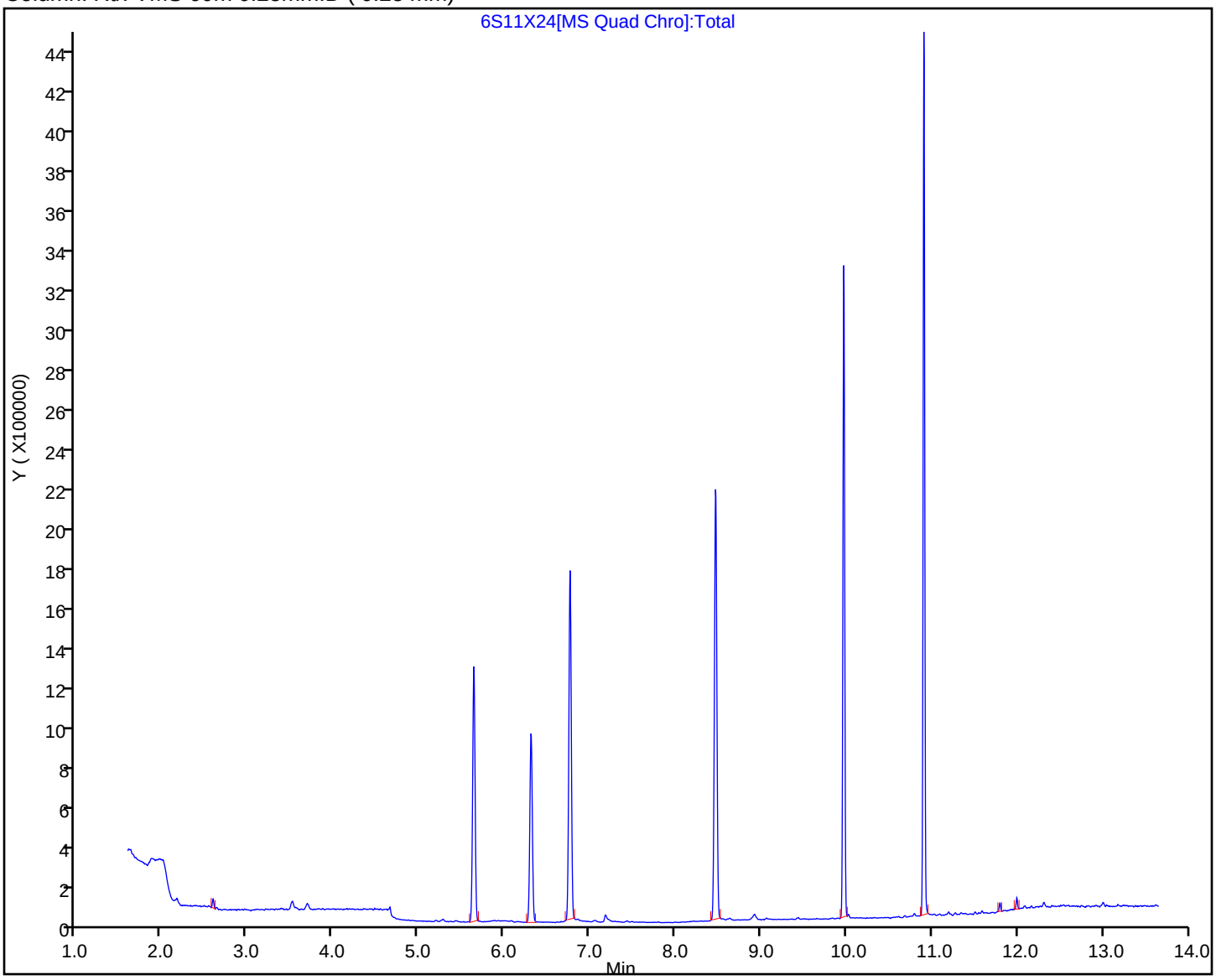
## Reagents:
AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 17-Sep-2025 08:10:36 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D | | | | |
| Injection Date: | 11-Sep-2025 20:52:58 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-3 | Lab Sample ID: | 410-242113-3 | | |
| Client ID: | 1479 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 7 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



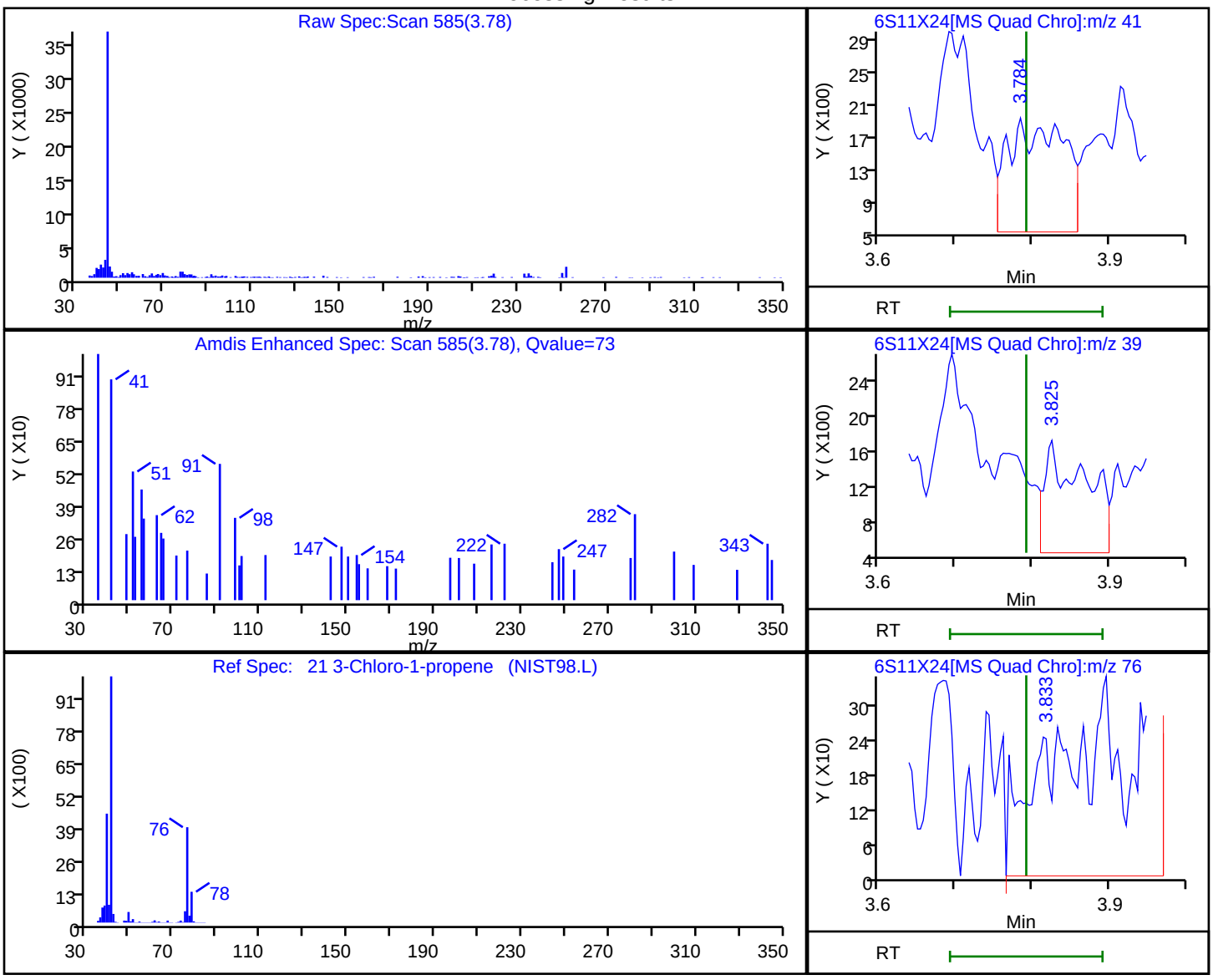
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D | | | | |
| Injection Date: | 11-Sep-2025 20:52:58 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-3 | Lab Sample ID: | 410-242113-3 | | |
| Client ID: | 1479 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 7 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.78 | 41.00 | 6800 | 0.090797 |
| 3.83 | 39.00 | 4612 | |
| 3.83 | 76.00 | 2324 | |

Reviewer: D7UM, 16-Sep-2025 08:40:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

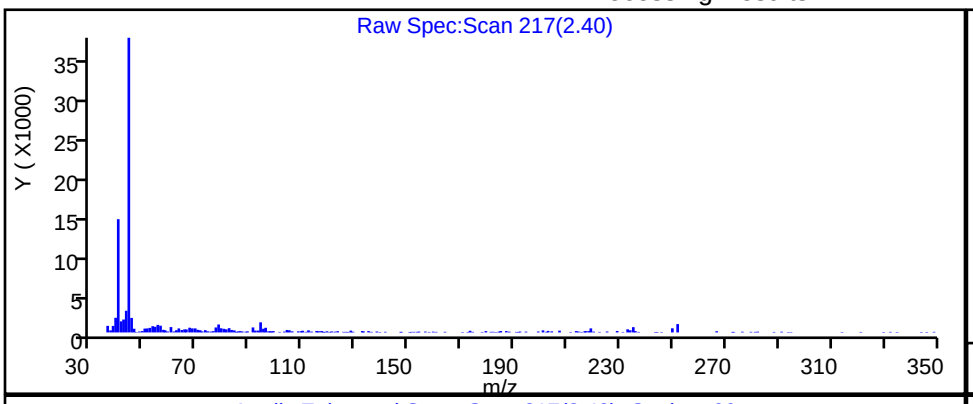
User Disabled Compound Report

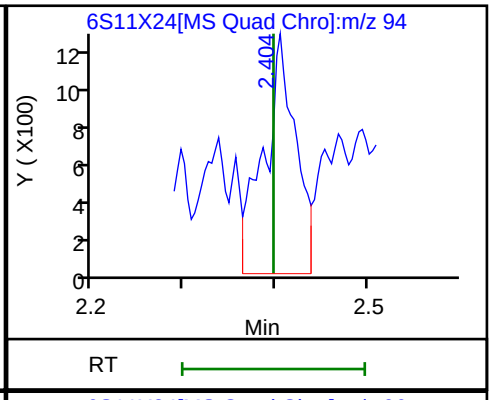
Eurofins Lancaster Laboratories Environment Testing, LLC

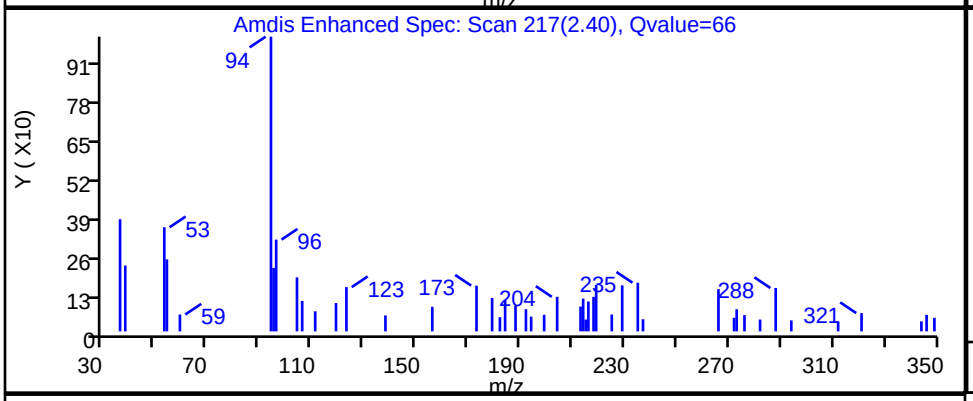
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D | | | | |
| Injection Date: | 11-Sep-2025 20:52:58 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-3 | Lab Sample ID: | 410-242113-3 | | |
| Client ID: | 1479 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 7 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

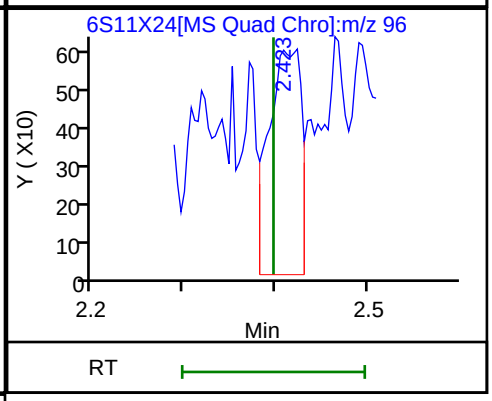
## 8 Bromomethane, CAS: 74-83-9

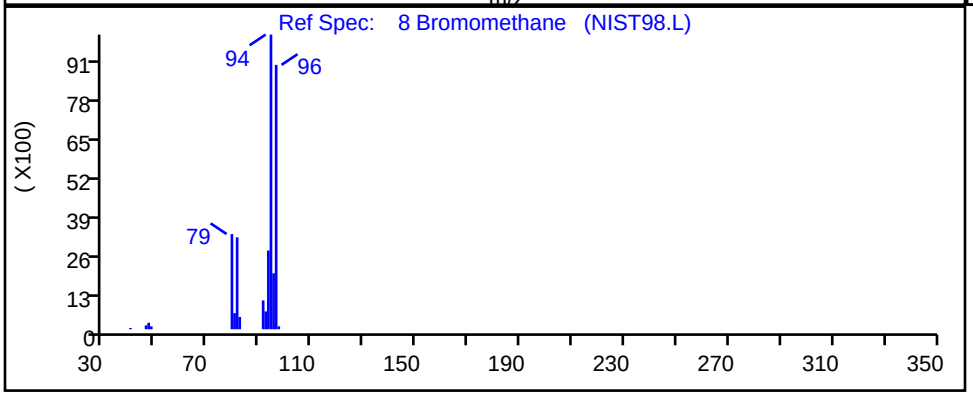
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.40 | 94.00 | 3046 | 0.097062 |
| 2.42 | 96.00 | 1443 | |

Reviewer: D7UM, 16-Sep-2025 08:40:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

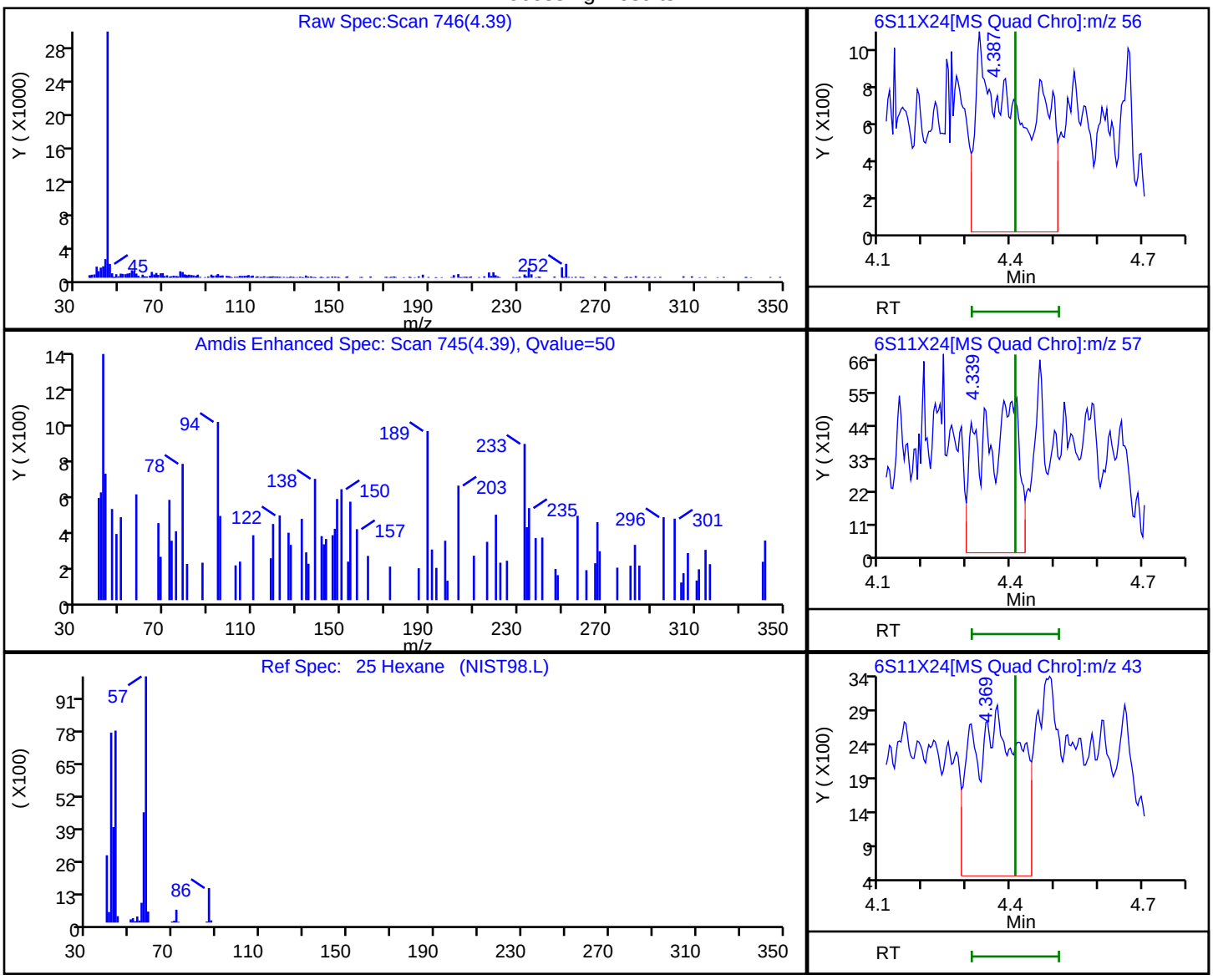
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D | | | | |
| Injection Date: | 11-Sep-2025 20:52:58 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-3 | Lab Sample ID: | 410-242113-3 | | |
| Client ID: | 1479 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 7 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.39 | 56.00 | 7849 | 0.166629 |
| 4.34 | 57.00 | 3108 | |
| 4.37 | 43.00 | 18263 | |
| 4.38 | 86.00 | 509 | |

Reviewer: D7UM, 16-Sep-2025 08:40:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

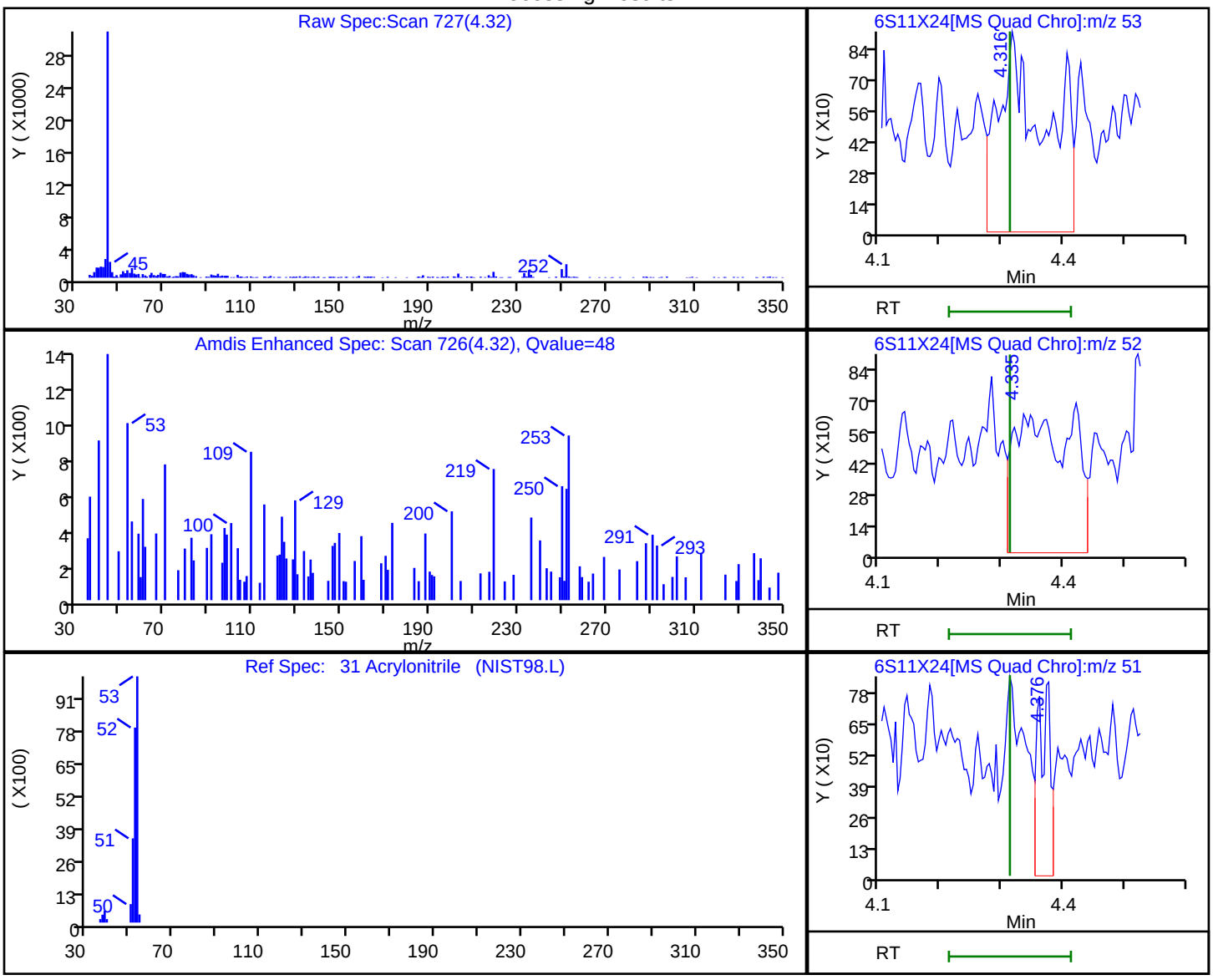
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X24.D | | | | |
| Injection Date: | 11-Sep-2025 20:52:58 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-3 | Lab Sample ID: | 410-242113-3 | | |
| Client ID: | 1479 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 7 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 31 Acrylonitrile, CAS: 107-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.32 | 53.00 | 4742 | 0.101880 |
| 4.33 | 52.00 | 4168 | |
| 4.38 | 51.00 | 1054 | |

Reviewer: D7UM, 16-Sep-2025 08:40:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1938
Lab Sample ID: 410-242113-4

Matrix: Air
Lab File ID: 6S11X25.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | 1.3 | J | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1938
Lab Sample ID: 410-242113-4

Matrix: Air
Lab File ID: 6S11X25.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1938
Lab Sample ID: 410-242113-4

Matrix: Air
Lab File ID: 6S11X25.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1938
Lab Sample ID: 410-242113-4

Matrix: Air
Lab File ID: 6S11X25.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X25.D
Lims ID: 410-242113-A-4
Client ID: 1938
Sample Type: Client
Inject. Date: 11-Sep-2025 21:16:48 ALS Bottle#: 8 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1938
Misc. Info.: 410-0159389-024
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 17-Sep-2025 08:10:17 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1697

First Level Reviewer: JXC9 Date: 15-Sep-2025 17:27:34

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.518 | 3.491 | 0.027 | 100 | 117994 | 1.26 | |
| 17 Carbon disulfide | 76 | 3.563 | 3.574 | -0.011 | 95 | 13838 | 0.0937 | |
| 20 Isopropyl alcohol | 45 | 3.694 | 3.641 | 0.053 | 97 | 42583 | 0.3414 | |
| 43 2-Butanone (MEK) | 72 | 5.433 | 5.403 | 0.030 | 99 | 4204 | 0.1476 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 90 | 395490 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 97 | 1341239 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1391791 | 10.0 | |

## QC Flag Legend
Processing Flags

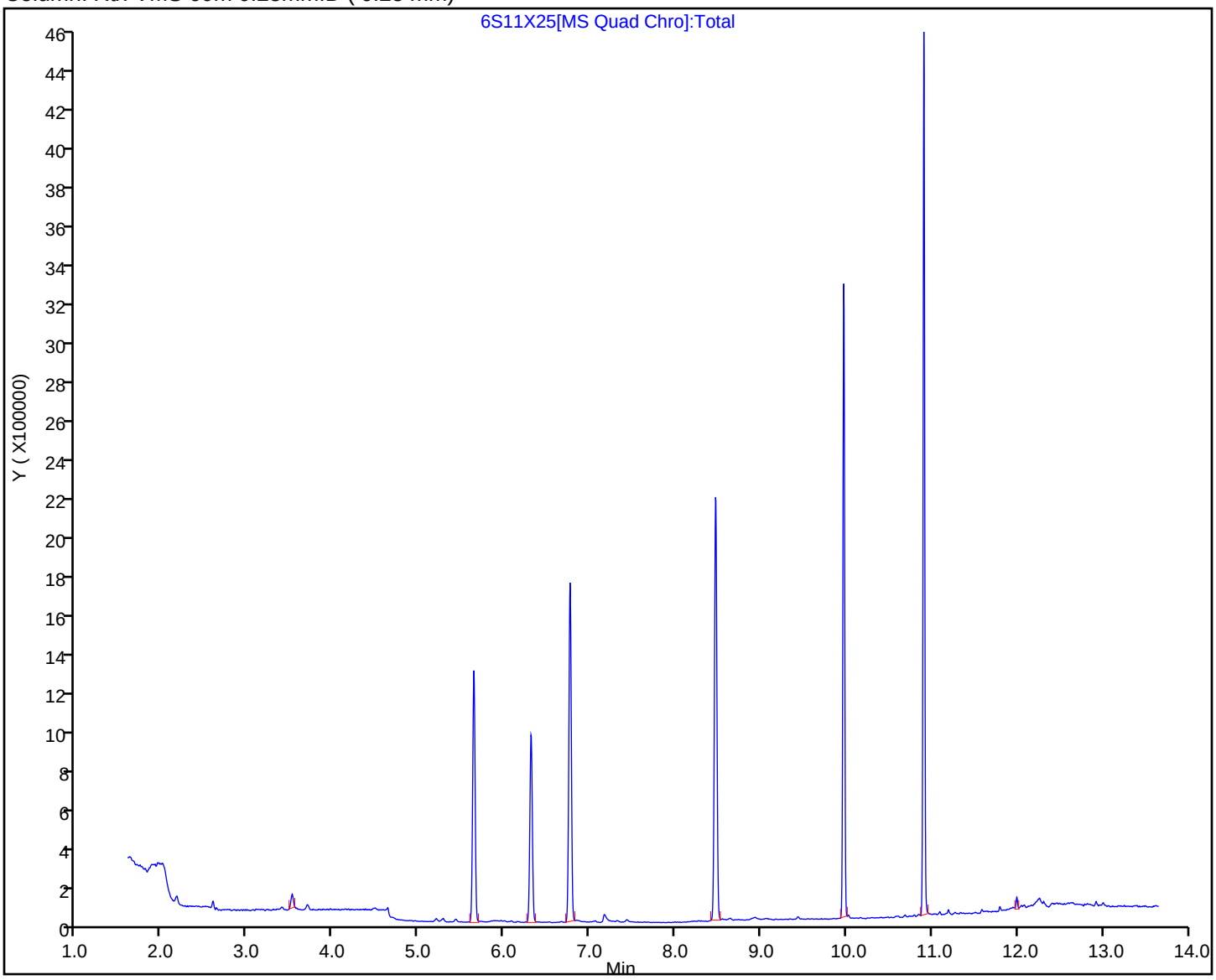
## Reagents:
AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 17-Sep-2025 08:10:37 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X25.D | | | | |
| Injection Date: | 11-Sep-2025 21:16:48 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-4 | Lab Sample ID: | 410-242113-4 | | |
| Client ID: | 1938 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 8 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |

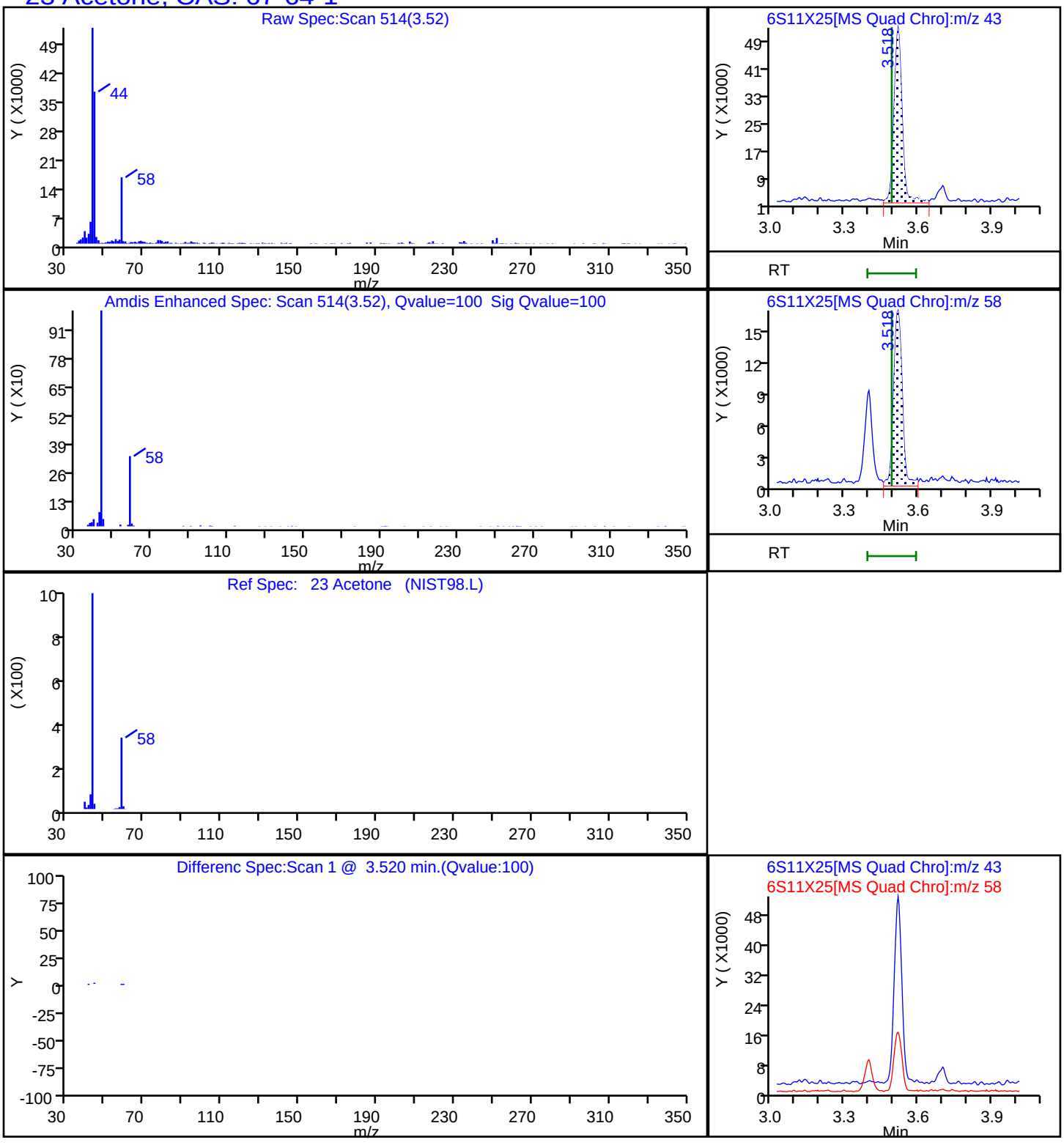
Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X25.D | | | | |
| Injection Date: | 11-Sep-2025 21:16:48 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-4 | Lab Sample ID: | 410-242113-4 | | |
| Client ID: | 1938 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 8 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 23 Acetone, CAS: 67-64-1



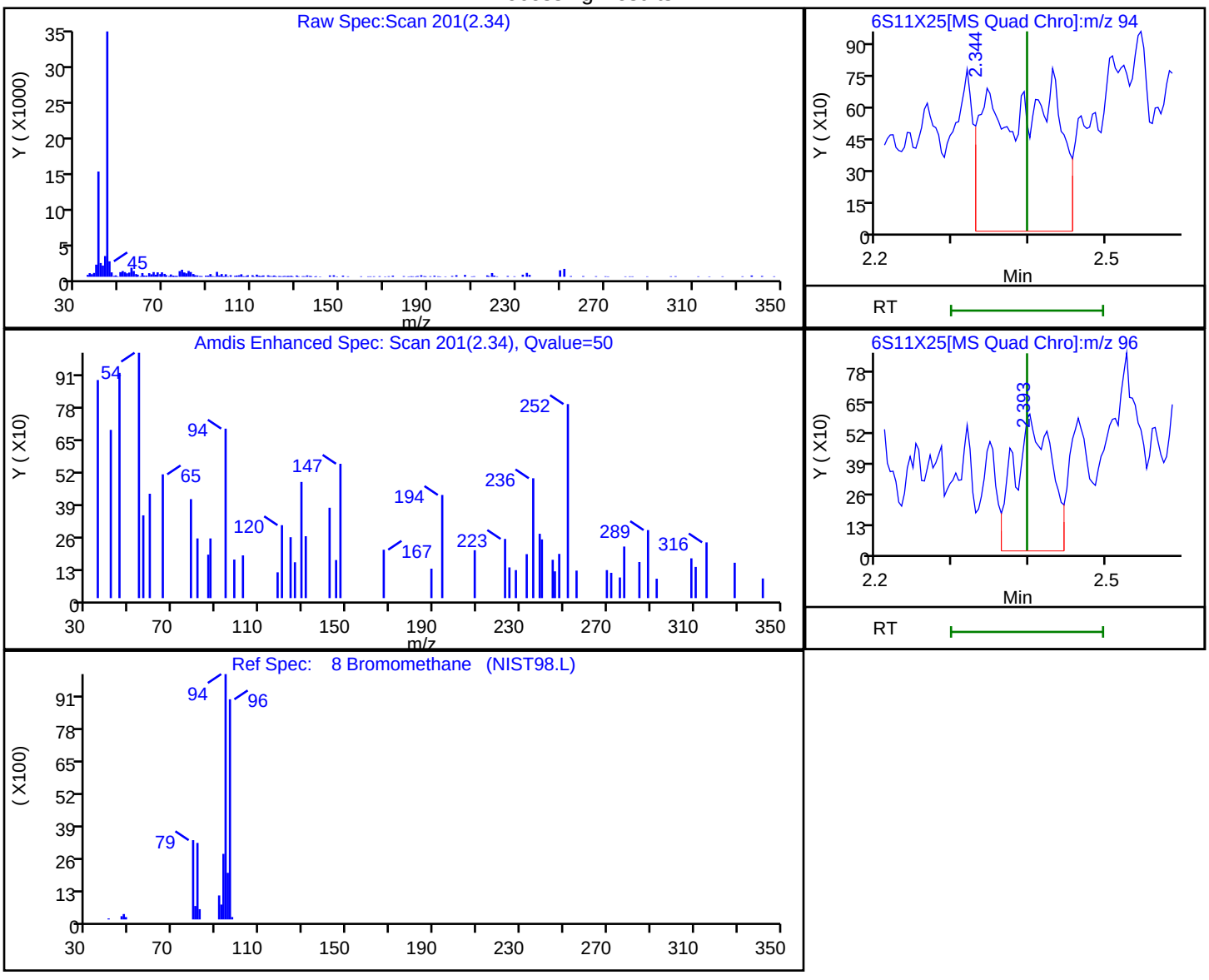
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X25.D | | | | |
| Injection Date: | 11-Sep-2025 21:16:48 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-4 | Lab Sample ID: | 410-242113-4 | | |
| Client ID: | 1938 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 8 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 8 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.34 | 94.00 | 4192 | 0.131876 |
| 2.39 | 96.00 | 1942 | |

Reviewer: D7UM, 16-Sep-2025 08:40:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

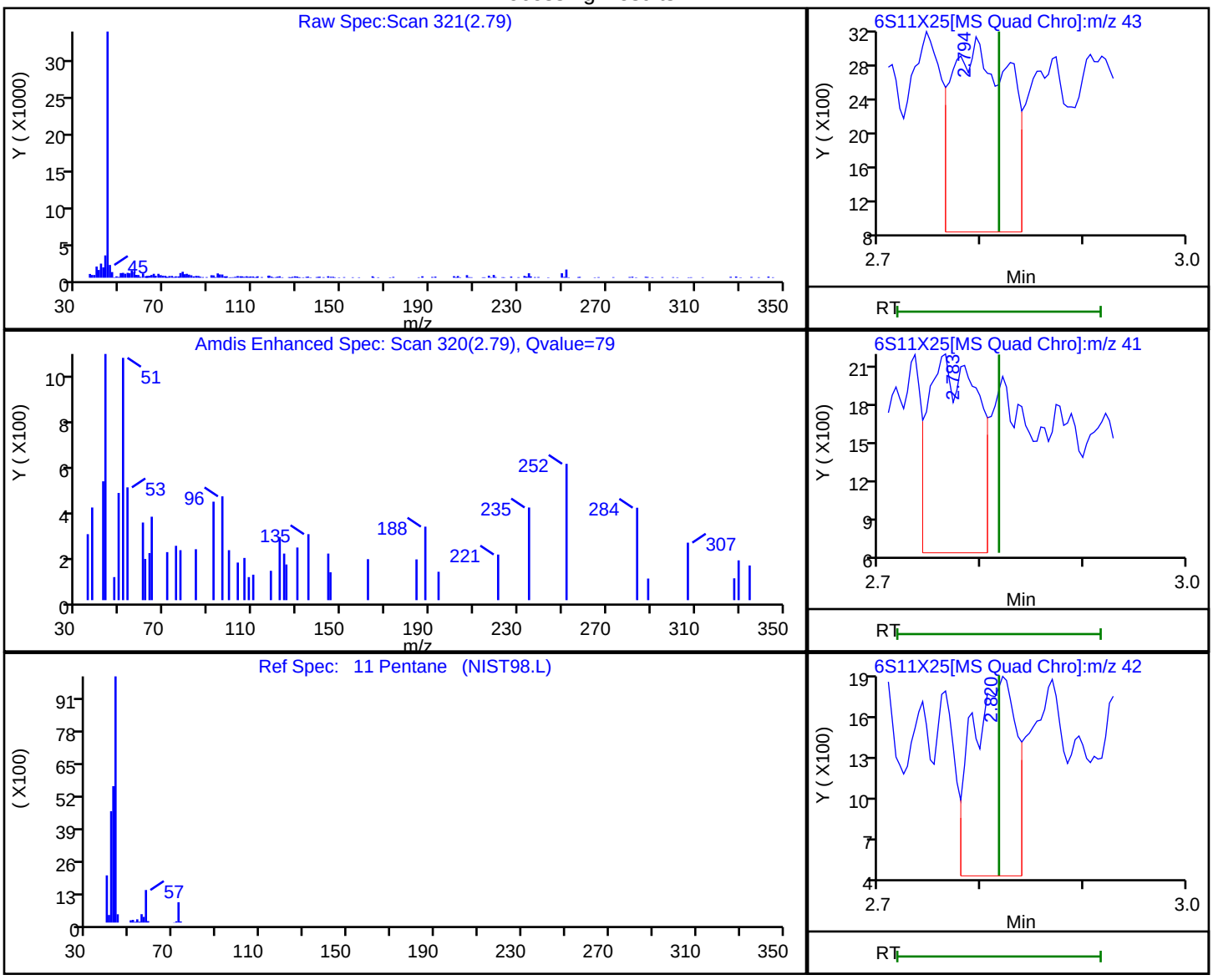
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X25.D | | | | |
| Injection Date: | 11-Sep-2025 21:16:48 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-4 | Lab Sample ID: | 410-242113-4 | | |
| Client ID: | 1938 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 8 | Worklist Smp#: | 24 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 11 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.79 | 43.00 | 8324 | 0.086837 |
| 2.78 | 41.00 | 4901 | |
| 2.82 | 42.00 | 3930 | |

Reviewer: D7UM, 16-Sep-2025 08:40:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1188
Lab Sample ID: 410-242113-5

Matrix: Air
Lab File ID: 6S11X26.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 1.0 | 0.12 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.15 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 1.0 | 0.12 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 1.0 | 0.089 |
| 75-35-4 | 1,1-Dichloroethene | ND | | 1.0 | 0.14 |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | 1.0 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.50 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.28 |
| 106-93-4 | 1,2-Dibromoethane | ND | | 1.0 | 0.13 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.28 |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | 1.0 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 1.0 | 0.080 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 1.0 | 0.13 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.32 |
| 540-59-0 | 1,2-Dichloroethene (total) | ND | | 1.0 | 0.20 |
| 106-99-0 | 1,3-Butadiene | ND | | 1.0 | 0.17 |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | 1.0 | 0.30 |
| 78-93-3 | 2-Butanone | ND | | 1.0 | 0.21 |
| 591-78-6 | 2-Hexanone | ND | | 2.0 | 0.50 |
| 107-05-1 | 3-Chloroprene | ND | | 1.0 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | ND | | 1.0 | 0.18 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 1.0 | 0.15 |
| 67-64-1 | Acetone | ND | | 5.0 | 1.0 |
| 71-43-2 | Benzene | ND | | 1.0 | 0.11 |
| 108-86-1 | Bromobenzene | ND | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | ND | | 1.0 | 0.40 |
| 75-25-2 | Bromoform | ND | | 1.0 | 0.40 |
| 74-83-9 | Bromomethane | ND | | 1.0 | 0.20 |
| 75-15-0 | Carbon disulfide | ND | | 1.0 | 0.40 |
| 56-23-5 | Carbon tetrachloride | ND | | 1.0 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1188
Lab Sample ID: 410-242113-5

Matrix: Air
Lab File ID: 6S11X26.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | 1.0 | 0.13 |
| 75-45-6 | Chlorodifluoromethane | ND | | 1.0 | 0.40 |
| 75-00-3 | Chloroethane | ND | | 1.0 | 0.30 |
| 67-66-3 | Chloroform | ND | | 1.0 | 0.092 |
| 74-87-3 | Chloromethane | ND | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 1.0 | 0.10 |
| 593-60-2 | Bromoethene | ND | | 1.0 | 0.18 |
| 98-82-8 | Cumene | ND | | 1.0 | 0.24 |
| 124-48-1 | Dibromochloromethane | ND | | 1.0 | 0.40 |
| 74-95-3 | Dibromomethane | ND | | 1.0 | 0.14 |
| 75-71-8 | Dichlorodifluoromethane | ND | | 1.0 | 0.13 |
| 75-43-4 | Dichlorofluoromethane | ND | | 1.0 | 0.11 |
| 100-41-4 | Ethylbenzene | ND | | 1.0 | 0.19 |
| 76-13-1 | Freon 113 | ND | | 1.0 | 0.20 |
| 76-14-2 | Freon-114 | ND | | 1.0 | 0.12 |
| 142-82-5 | Heptane | ND | | 1.0 | 0.23 |
| 67-72-1 | Hexachloroethane | ND | | 2.0 | 0.27 |
| 110-54-3 | Hexane | ND | | 1.0 | 0.30 |
| 540-84-1 | Isooctane | ND | | 1.0 | 0.40 |
| 179601-23-1 | m&p-Xylene | ND | | 1.0 | 0.26 |
| 1634-04-4 | Methyl t-butyl ether | ND | | 1.0 | 0.15 |
| 75-09-2 | Methylene Chloride | ND | | 2.0 | 0.25 |
| 95-47-6 | o-Xylene | ND | | 1.0 | 0.19 |
| 111-65-9 | Octane | ND | | 2.0 | 0.40 |
| 109-66-0 | Pentane | ND | | 1.0 | 0.20 |
| 100-42-5 | Styrene | ND | | 1.0 | 0.20 |
| 127-18-4 | Tetrachloroethene | ND | | 2.0 | 0.25 |
| 108-88-3 | Toluene | ND | | 1.0 | 0.40 |
| 156-60-5 | trans-1,2-Dichloroethene | ND | | 1.0 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 1.0 | 0.12 |
| 79-01-6 | Trichloroethene | ND | | 1.0 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1188
Lab Sample ID: 410-242113-5

Matrix: Air
Lab File ID: 6S11X26.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-69-4 | Trichlorofluoromethane | ND | | 1.0 | 0.15 |
| 75-01-4 | Vinyl chloride | ND | | 1.0 | 0.12 |
| 67-63-0 | Isopropanol | ND | | 1.0 | 0.60 |
| 91-20-3 | Naphthalene | ND | | 2.0 | 1.0 |
| 1330-20-7 | Xylenes, Total | ND | | 2.0 | 0.19 |
| 96-33-3 | Methyl acrylate | ND | | 1.0 | 0.20 |
| 109-99-9 | Tetrahydrofuran | ND | | 1.0 | 0.24 |
| 141-78-6 | Ethyl acetate | ND | | 2.0 | 0.25 |
| 80-62-6 | Methyl methacrylate | ND | | 1.0 | 0.15 |
| 75-65-0 | tert-Butyl alcohol | ND | | 1.0 | 0.21 |
| 100-44-7 | Benzyl chloride | ND | | 2.0 | 0.30 |
| 87-68-3 | Hexachlorobutadiene | ND | | 2.0 | 0.47 |
| 104-51-8 | n-Butylbenzene | ND | | 2.0 | 0.26 |
| 95-49-8 | 2-Chlorotoluene | ND | | 1.0 | 0.22 |
| 75-05-8 | Acetonitrile | ND | | 5.0 | 0.83 |
| 115-07-1 | Propene | ND | | 1.0 | 0.30 |
| 123-91-1 | 1,4-Dioxane | ND | | 1.0 | 0.17 |
| 74-88-4 | Iodomethane | ND | | 1.0 | 0.20 |
| 107-13-1 | Acrylonitrile | ND | | 1.0 | 0.20 |
| 98-83-9 | Alpha Methyl Styrene | ND | | 1.0 | 0.20 |
| 97-63-2 | Ethyl methacrylate | ND | | 1.0 | 0.19 |
| 135-98-8 | sec-Butylbenzene | ND | | 2.0 | 0.39 |
| 103-65-1 | N-Propylbenzene | ND | | 1.0 | 0.21 |
| 637-92-3 | Ethyl tert-butyl ether | ND | | 1.0 | 0.15 |
| 108-20-3 | di-Isopropyl ether | ND | | 1.0 | 0.15 |
| 110-82-7 | Cyclohexane | ND | | 1.0 | 0.20 |
| 107-02-8 | Acrolein | ND | | 5.0 | 0.62 |
| 64-17-5 | Ethanol | ND | | 5.0 | 2.0 |
| 99-87-6 | p-Isopropyltoluene | ND | | 2.0 | 0.28 |
| 140-88-5 | Ethyl acrylate | ND | | 1.0 | 0.16 |
| 994-05-8 | Tert-amyl methyl ether | ND | | 1.0 | 0.11 |
| 108-05-4 | Vinyl acetate | ND | | 1.0 | 0.16 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-242113-1

SDG No.:

Client Sample ID: 1188
Lab Sample ID: 410-242113-5

Matrix: Air
Lab File ID: 6S11X26.D

Analysis Method: TO-15
Date Collected: 09/05/2025 12:52

Sample wt/vol: 200(mL)
Date Analyzed: 09/11/2025 21:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 697757
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP26379

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | ND | | 5.0 | 0.76 |

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D
Lims ID: 410-242113-A-5
Client ID: 1188
Sample Type: Client
Inject. Date: 11-Sep-2025 21:40:38 ALS Bottle#: 9 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1188
Misc. Info.: 410-0159389-025
Operator ID: sn105465 Instrument ID: HP26379

Method: \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\TO15LLMethods_HP26379.m
Limit Group: MSV - TO15_LL
Last Update: 17-Sep-2025 08:10:17 Calib Date: 29-Aug-2025 23:57:27
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP26379\20250829-158236.b\6G29X10.D

Column 1 : Rtx-VMS 60m 0.25mmID ( 0.25 mm) Det: MS Quad
Process Host: CTX1697

First Level Reviewer: D7UM Date: 16-Sep-2025 08:43:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 23 Acetone | 43 | 3.518 | 3.491 | 0.027 | 100 | 77450 | 0.8369 | |
| 17 Carbon disulfide | 76 | 3.563 | 3.574 | -0.011 | 94 | 13679 | 0.0939 | |
| 20 Isopropyl alcohol | 45 | 3.694 | 3.641 | 0.053 | 98 | 50933 | 0.4143 | |
| * 35 Chlorobromomethane (IS) | 130 | 5.643 | 5.628 | 0.015 | 91 | 389872 | 10.0 | |
| * 50 1,4-Difluorobenzene | 114 | 6.768 | 6.760 | 0.008 | 96 | 1335740 | 10.0 | |
| * 68 Chlorobenzene-d5 (IS) | 117 | 9.969 | 9.969 | 0.000 | 90 | 1382925 | 10.0 | |

## QC Flag Legend
Processing Flags

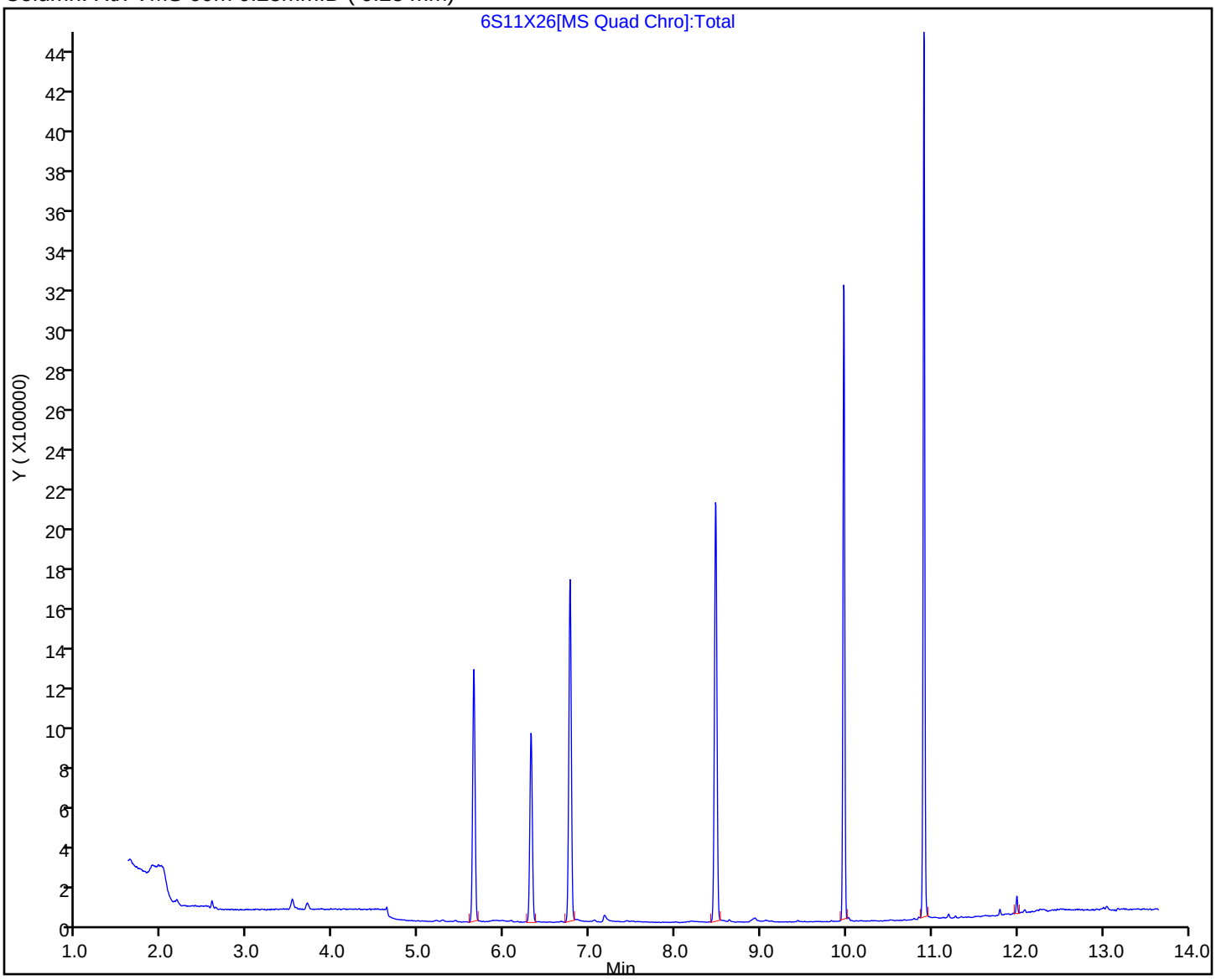
## Reagents:
AIRIS200 ppb_00519 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 17-Sep-2025 08:10:39 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D | | | | |
| Injection Date: | 11-Sep-2025 21:40:38 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-5 | Lab Sample ID: | 410-242113-5 | | |
| Client ID: | 1188 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 9 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |

Column: Rtx-VMS 60m 0.25mmID ( 0.25 mm)



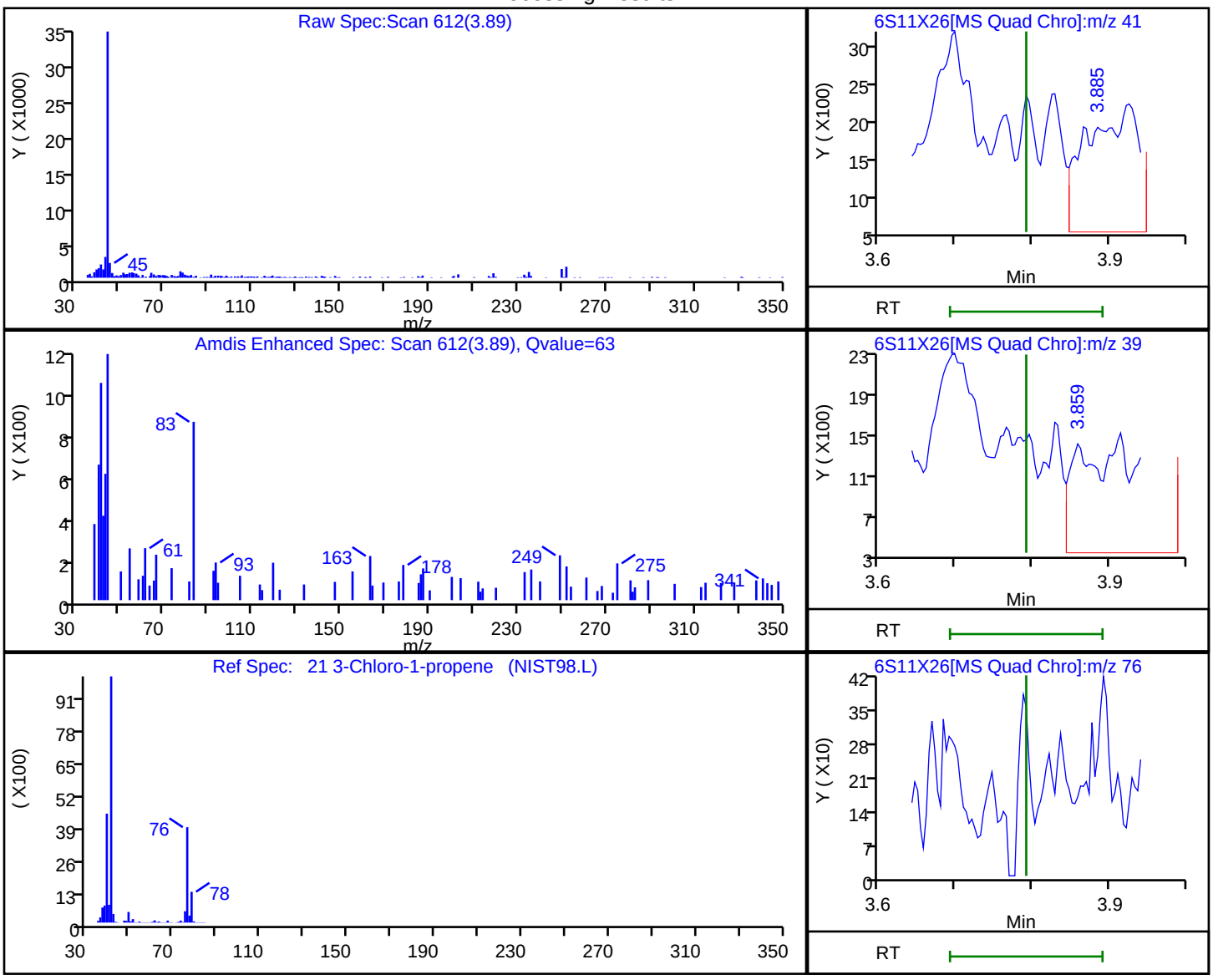
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D | | | | |
| Injection Date: | 11-Sep-2025 21:40:38 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-5 | Lab Sample ID: | 410-242113-5 | | |
| Client ID: | 1188 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 9 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.89 | 41.00 | 7496 | 0.100238 |
| 3.86 | 39.00 | 7808 | |
| 3.79 | 76.00 | 0 | |

Reviewer: D7UM, 16-Sep-2025 08:41:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

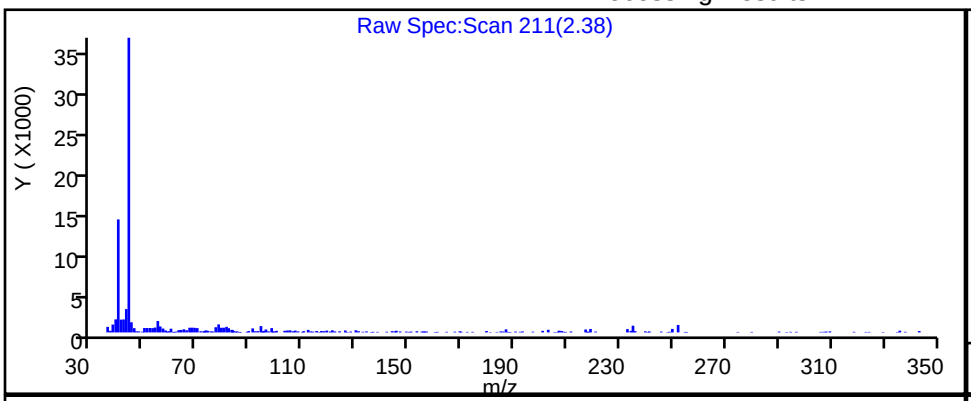
User Disabled Compound Report

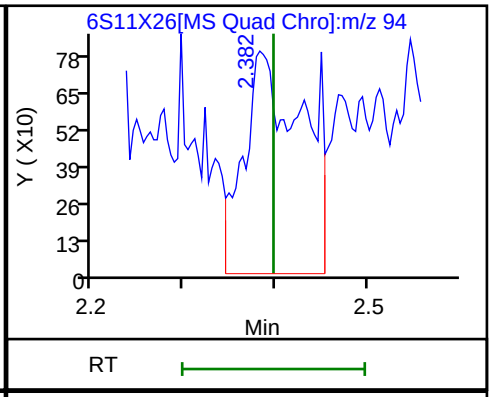
Eurofins Lancaster Laboratories Environment Testing, LLC

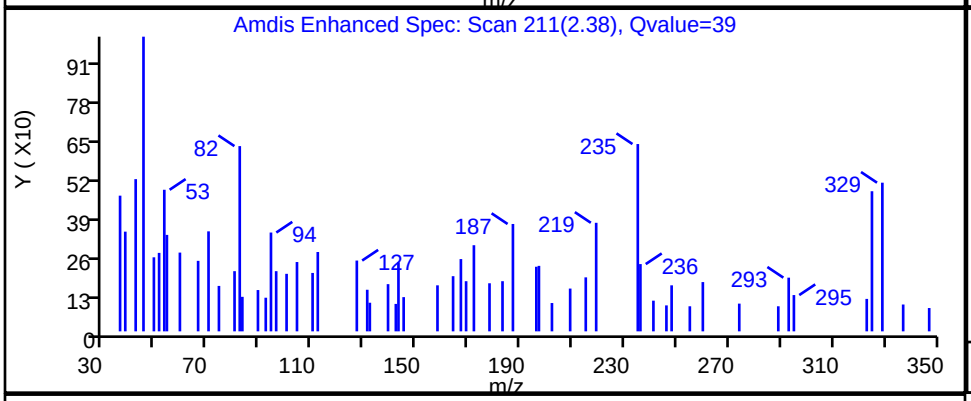
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D | | | | |
| Injection Date: | 11-Sep-2025 21:40:38 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-5 | Lab Sample ID: | 410-242113-5 | | |
| Client ID: | 1188 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 9 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

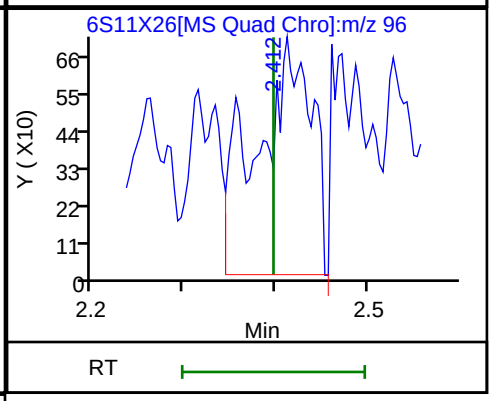
## 8 Bromomethane, CAS: 74-83-9

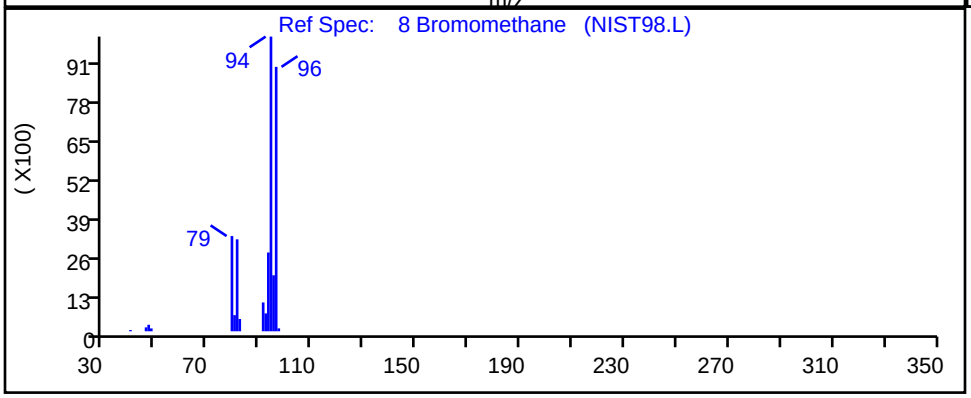
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.38 | 94.00 | 3513 | 0.112108 |
| 2.41 | 96.00 | 2967 | |

Reviewer: D7UM, 16-Sep-2025 08:41:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

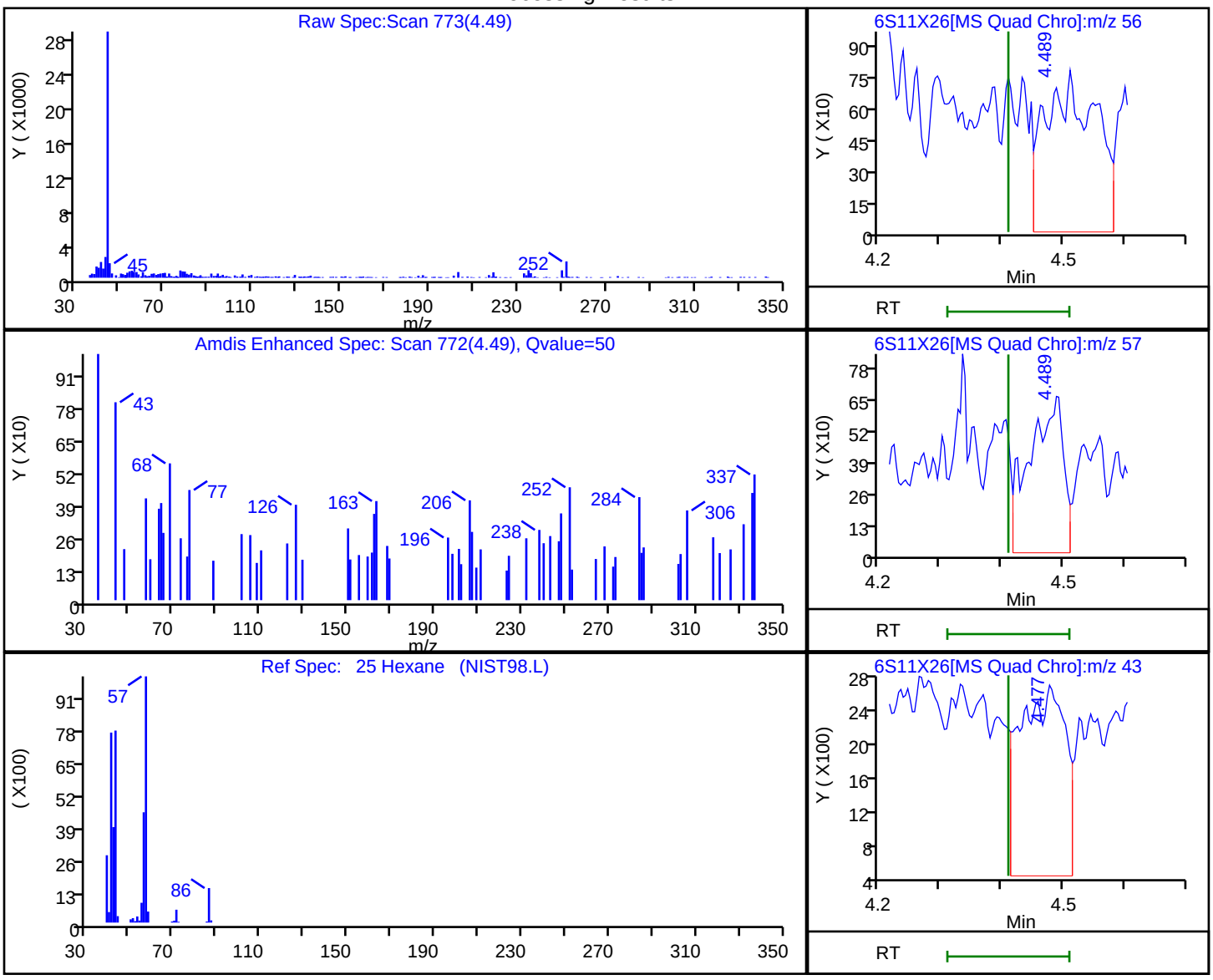
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D | | | | |
| Injection Date: | 11-Sep-2025 21:40:38 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-5 | Lab Sample ID: | 410-242113-5 | | |
| Client ID: | 1188 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 9 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 25 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.49 | 56.00 | 4369 | 0.092888 |
| 4.49 | 57.00 | 2499 | |
| 4.48 | 43.00 | 10997 | |
| 4.49 | 86.00 | 1102 | |

Reviewer: D7UM, 16-Sep-2025 08:41:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

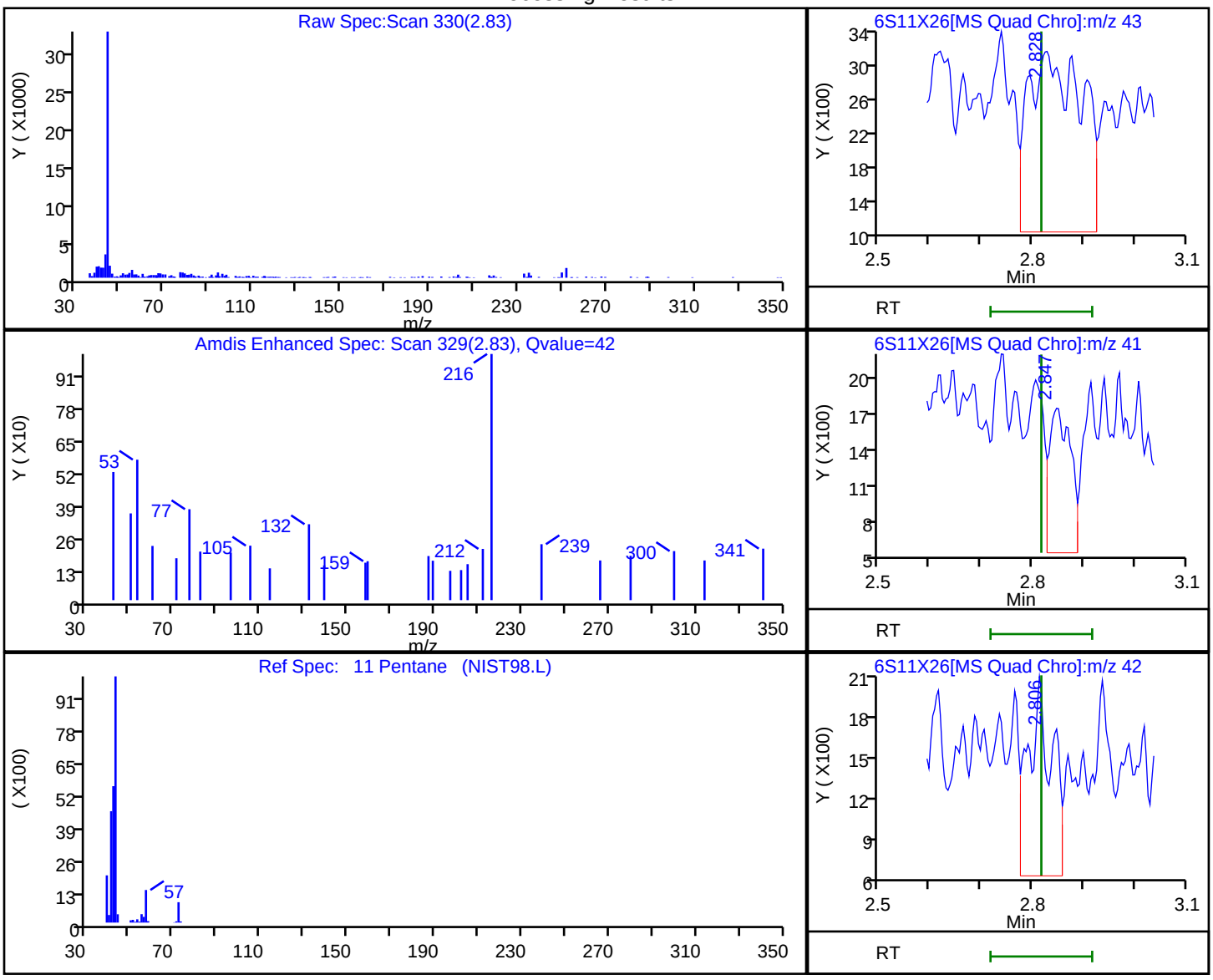
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Lancaster\ChromData\HP26379\20250911-159389.b\6S11X26.D | | | | |
| Injection Date: | 11-Sep-2025 21:40:38 | Instrument ID: | HP26379 | | |
| Lims ID: | 410-242113-A-5 | Lab Sample ID: | 410-242113-5 | | |
| Client ID: | 1188 | | | | |
| Operator ID: | sn105465 | ALS Bottle#: | 9 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15LLMethods_HP26379 | Limit Group: | MSV - TO15_LL | | |
| Column: | Rtx-VMS 60m 0.25mmID ( 0.25 mm) | Detector | MS Quad | | |

## 11 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.83 | 43.00 | 15080 | 0.159583 |
| 2.85 | 41.00 | 3366 | |
| 2.81 | 42.00 | 4327 | |

Reviewer: D7UM, 16-Sep-2025 08:41:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293 0.9995 | 1.1200 0.9946 | 1.0738 0.9536 | 1.0982 0.9313 | 0.9841 0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++ 0.2273 | 0.2674 0.2253 | 0.2836 0.2208 | 0.2687 0.2176 | 0.2422 0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301 0.2910 | 0.4020 0.2939 | 0.3349 0.2932 | 0.3576 0.2872 | 0.3198 0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683 0.4530 | 0.3722 0.4558 | 0.4403 0.4638 | 0.4630 0.4514 | 0.4650 0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2473 | 0.3641 0.2414 | 0.3004 0.2429 | 0.2934 0.2380 | 0.2684 0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140 0.2386 | 0.2831 0.2402 | 0.2585 0.2415 | 0.2515 0.2377 | 0.2396 0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1097 | 0.0960 0.1068 | 0.1222 0.1116 | 0.0845 0.1098 | 0.0946 0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++ 0.2758 | 0.4290 0.2716 | 0.3161 0.2769 | 0.3343 0.2714 | 0.3011 0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.4655 | 0.6993 0.4603 | 0.5022 0.4695 | 0.5609 0.4590 | 0.4957 0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089 0.4150 | 0.5380 0.4130 | 0.4487 0.4237 | 0.4965 0.4109 | 0.4550 0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393 0.4524 | 0.4075 0.4527 | 0.5270 0.4566 | 0.3889 0.4451 | 0.3945 0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++ 0.9026 | +++++ 0.8792 | 1.1388 0.8612 | 1.1320 0.8223 | 0.9883 0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310 0.5166 | 0.6338 0.5125 | 0.5949 0.5030 | 0.5977 0.4926 | 0.5420 0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296 0.3587 | 0.4318 0.3593 | 0.4545 0.3685 | 0.4303 0.3641 | 0.3763 0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980 0.4370 | 0.4553 0.4335 | 0.4738 0.4419 | 0.3667 0.4358 | 0.3975 0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3055 | 0.4447 0.2996 | 0.3283 0.3050 | 0.3632 0.2992 | 0.3223 0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810 0.4239 | 0.4782 0.4186 | 0.4355 0.4243 | 0.5156 0.4137 | 0.4539 0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295<br>1.1379 | 1.1254<br>1.1243 | 1.1384<br>1.1106 | 1.1328<br>1.1224 | 1.1324<br>1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| Propene | CBM | Ave | +++++<br>145579 | +++++<br>304896 | 5464<br>709009 | 10108<br>1470102 | 23280<br>2259755 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795<br>618421 | 6788<br>1248693 | 25873<br>2974160 | 60182<br>5963500 | 117884<br>8884152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052<br>319275 | 2547<br>657865 | 14013<br>1543304 | 24136<br>3185472 | 50981<br>4845332 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon-114 | CBM | Ave | 3357<br>607895 | 5308<br>1253921 | 23850<br>2945227 | 43597<br>6038067 | 100967<br>9095798 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloromethane | CBM | Ave | +++++<br>192389 | +++++<br>385486 | +++++<br>895925 | 15400<br>1860708 | 34276<br>2835335 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl chloride | CBM | Ave | 892<br>224115 | 2030<br>456786 | 10241<br>1080251 | 19832<br>2227707 | 37948<br>3410098 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Butadiene | CBM | Ave | +++++<br>161119 | 2154<br>326629 | 8449<br>784206 | 17553<br>1604654 | 31057<br>2439142 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromomethane | CBM | Ave | +++++<br>183011 | 2315<br>368110 | 8202<br>890037 | 20086<br>1811771 | 38651<br>2727556 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloroethane | CBM | Ave | +++++<br>114463 | +++++<br>233040 | 6123<br>552116 | 13424<br>1133145 | 23980<br>1726767 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromoethene | CBM | Ave | +++++<br>243000 | +++++<br>504762 | 9974<br>1193475 | 25952<br>2442814 | 48266<br>3678677 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547<br>508460 | 5674<br>1031482 | 21938<br>2503386 | 56079<br>5072350 | 102992<br>7617337 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785<br>613842 | 7453<br>1237795 | 26267<br>2938368 | 61327<br>5949261 | 116816<br>8976443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Pentane | CBM | Ave | +++++<br>339076 | +++++<br>707589 | 15957<br>1693822 | 40407<br>3401785 | 74431<br>5118211 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++<br>99014 | +++++<br>192740 | 5175<br>483641 | 10693<br>985957 | 21422<br>1499881 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++<br>343961 | 4685<br>695190 | 14803<br>1689947 | 42175<br>3412697 | 74721<br>5117343 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon 113 | CBM | Ave | 2192<br>312030 | 3248<br>625046 | 16063<br>1458756 | 27730<br>3015567 | 56309<br>4639898 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetone | CBM | Ave | +++++<br>316408 | +++++<br>633341 | +++++<br>1536541 | 42091<br>3113242 | 71605<br>4712362 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Isopropanol | CBM | Ave | +++++<br>255964 | 3889<br>516072 | 13347<br>1297018 | 30291<br>2627537 | 52638<br>4083264 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Iodomethane | CBM | Ave | 2995<br>569157 | 5250<br>1176406 | 19490<br>3056034 | 63205<br>6249409 | 114457<br>9522769 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Carbon disulfide | CBM | Ave | +++++<br>716955 | +++++<br>1449418 | 38372<br>3498347 | 76496<br>7074816 | 144493<br>10637042 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetonitrile | CBM | Ave | +++++<br>88850 | +++++<br>178881 | 3384<br>466427 | 8678<br>947552 | 16516<br>1489308 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 3-Chloroprene | CBM | Ave | +++++<br>271251 | +++++<br>536674 | 12831<br>1327264 | 34333<br>2661513 | 58465<br>4056563 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methylene Chloride | CBM | Ave | +++++<br>204346 | +++++<br>403457 | 9393<br>985572 | 23286<br>2025002 | 43418<br>3081485 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>339373 | 5507<br>689181 | 18955<br>1678816 | 32063<br>3425044 | 62169<br>5322007 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14<br>85.5 |
| Acrylonitrile | CBM | Ave | +++++<br>179576 | +++++<br>359872 | 7480<br>912173 | 20546<br>1861483 | 35038<br>2866505 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121<br>674954 | 7442<br>1361121 | 35239<br>3258510 | 61562<br>6622272 | 127066<br>10014099 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++<br>361390 | 5040<br>729721 | 15484<br>1766338 | 42572<br>3561680 | 76739<br>5404236 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexane | CBM | Ave | +++++<br>180068 | +++++<br>360775 | 7727<br>879844 | 23899<br>1749205 | 40278<br>2659267 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl acetate | CBM | Ave | +++++<br>63894 | 994<br>130146 | 2395<br>324968 | 7399<br>666258 | 13697<br>1021868 | +++++<br>5.65 | 0.0565<br>11.3 | 0.226<br>28.3 | 0.565<br>56.5 | 1.13<br>84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++<br>423257 | 5345<br>841860 | 18982<br>2072645 | 52286<br>4157929 | 92293<br>6285188 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| di-Isopropyl ether | CBM | Ave | 2871<br>742613 | 7873<br>1479012 | 30915<br>3573695 | 70168<br>7194885 | 144421<br>10812652 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888<br>775137 | 7980<br>1547996 | 32441<br>3747181 | 70478<br>7599049 | 149550<br>11410476 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293 0.9995 | 1.1200 0.9946 | 1.0738 0.9536 | 1.0982 0.9313 | 0.9841 0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++ 0.2273 | 0.2674 0.2253 | 0.2836 0.2208 | 0.2687 0.2176 | 0.2422 0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301 0.2910 | 0.4020 0.2939 | 0.3349 0.2932 | 0.3576 0.2872 | 0.3198 0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683 0.4530 | 0.3722 0.4558 | 0.4403 0.4638 | 0.4630 0.4514 | 0.4650 0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2473 | 0.3641 0.2414 | 0.3004 0.2429 | 0.2934 0.2380 | 0.2684 0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140 0.2386 | 0.2831 0.2402 | 0.2585 0.2415 | 0.2515 0.2377 | 0.2396 0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1097 | 0.0960 0.1068 | 0.1222 0.1116 | 0.0845 0.1098 | 0.0946 0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++ 0.2758 | 0.4290 0.2716 | 0.3161 0.2769 | 0.3343 0.2714 | 0.3011 0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.4655 | 0.6993 0.4603 | 0.5022 0.4695 | 0.5609 0.4590 | 0.4957 0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089 0.4150 | 0.5380 0.4130 | 0.4487 0.4237 | 0.4965 0.4109 | 0.4550 0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393 0.4524 | 0.4075 0.4527 | 0.5270 0.4566 | 0.3889 0.4451 | 0.3945 0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++ 0.9026 | +++++ 0.8792 | 1.1388 0.8612 | 1.1320 0.8223 | 0.9883 0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310 0.5166 | 0.6338 0.5125 | 0.5949 0.5030 | 0.5977 0.4926 | 0.5420 0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296 0.3587 | 0.4318 0.3593 | 0.4545 0.3685 | 0.4303 0.3641 | 0.3763 0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980 0.4370 | 0.4553 0.4335 | 0.4738 0.4419 | 0.3667 0.4358 | 0.3975 0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3055 | 0.4447 0.2996 | 0.3283 0.3050 | 0.3632 0.2992 | 0.3223 0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810 0.4239 | 0.4782 0.4186 | 0.4355 0.4243 | 0.5156 0.4137 | 0.4539 0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295 1.1379 | 1.1254 1.1243 | 1.1384 1.1106 | 1.1328 1.1224 | 1.1324 1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| Propene | CBM | Ave | +++++<br>145579 | +++++<br>304896 | 5464<br>709009 | 10108<br>1470102 | 23280<br>2259755 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795<br>618421 | 6788<br>1248693 | 25873<br>2974160 | 60182<br>5963500 | 117884<br>8884152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052<br>319275 | 2547<br>657865 | 14013<br>1543304 | 24136<br>3185472 | 50981<br>4845332 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon-114 | CBM | Ave | 3357<br>607895 | 5308<br>1253921 | 23850<br>2945227 | 43597<br>6038067 | 100967<br>9095798 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloromethane | CBM | Ave | +++++<br>192389 | +++++<br>385486 | +++++<br>895925 | 15400<br>1860708 | 34276<br>2835335 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl chloride | CBM | Ave | 892<br>224115 | 2030<br>456786 | 10241<br>1080251 | 19832<br>2227707 | 37948<br>3410098 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Butadiene | CBM | Ave | +++++<br>161119 | 2154<br>326629 | 8449<br>784206 | 17553<br>1604654 | 31057<br>2439142 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromomethane | CBM | Ave | +++++<br>183011 | 2315<br>368110 | 8202<br>890037 | 20086<br>1811771 | 38651<br>2727556 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloroethane | CBM | Ave | +++++<br>114463 | +++++<br>233040 | 6123<br>552116 | 13424<br>1133145 | 23980<br>1726767 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromoethene | CBM | Ave | +++++<br>243000 | +++++<br>504762 | 9974<br>1193475 | 25952<br>2442814 | 48266<br>3678677 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547<br>508460 | 5674<br>1031482 | 21938<br>2503386 | 56079<br>5072350 | 102992<br>7617337 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785<br>613842 | 7453<br>1237795 | 26267<br>2938368 | 61327<br>5949261 | 116816<br>8976443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Pentane | CBM | Ave | +++++<br>339076 | +++++<br>707589 | 15957<br>1693822 | 40407<br>3401785 | 74431<br>5118211 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++ | +++++ | 5175 | 10693 | 21422 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 99014 | 192740 | 483641 | 985957 | 1499881 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++ | 4685 | 14803 | 42175 | 74721 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 343961 | 695190 | 1689947 | 3412697 | 5117343 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon 113 | CBM | Ave | 2192 | 3248 | 16063 | 27730 | 56309 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 312030 | 625046 | 1458756 | 3015567 | 4639898 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetone | CBM | Ave | +++++ | +++++ | +++++ | 42091 | 71605 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 316408 | 633341 | 1536541 | 3113242 | 4712362 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isopropanol | CBM | Ave | +++++ | 3889 | 13347 | 30291 | 52638 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 255964 | 516072 | 1297018 | 2627537 | 4083264 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Iodomethane | CBM | Ave | 2995 | 5250 | 19490 | 63205 | 114457 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 569157 | 1176406 | 3056034 | 6249409 | 9522769 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon disulfide | CBM | Ave | +++++ | +++++ | 38372 | 76496 | 144493 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 716955 | 1449418 | 3498347 | 7074816 | 10637042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Acetonitrile | CBM | Ave | +++++ | +++++ | 3384 | 8678 | 16516 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |
| | | | 88850 | 178881 | 466427 | 947552 | 1489308 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| 3-Chloroprene | CBM | Ave | +++++ | +++++ | 12831 | 34333 | 58465 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 271251 | 536674 | 1327264 | 2661513 | 4056563 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methylene Chloride | CBM | Ave | +++++ | +++++ | 9393 | 23286 | 43418 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 204346 | 403457 | 985572 | 2025002 | 3081485 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++ | 5507 | 18955 | 32063 | 62169 | +++++ | 0.0570 | 0.228 | 0.570 | 1.14 |
| | | | 339373 | 689181 | 1678816 | 3425044 | 5322007 | 5.70 | 11.4 | 28.5 | 57.0 | 85.5 |
| Acrylonitrile | CBM | Ave | +++++ | +++++ | 7480 | 20546 | 35038 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 179576 | 359872 | 912173 | 1861483 | 2866505 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121 | 7442 | 35239 | 61562 | 127066 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 674954 | 1361121 | 3258510 | 6622272 | 10014099 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++ | 5040 | 15484 | 42572 | 76739 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 361390 | 729721 | 1766338 | 3561680 | 5404236 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Hexane | CBM | Ave | +++++ | +++++ | 7727 | 23899 | 40278 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 180068 | 360775 | 879844 | 1749205 | 2659267 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl acetate | CBM | Ave | +++++ | 994 | 2395 | 7399 | 13697 | +++++ | 0.0565 | 0.226 | 0.565 | 1.13 |
| | | | 63894 | 130146 | 324968 | 666258 | 1021868 | 5.65 | 11.3 | 28.3 | 56.5 | 84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++ | 5345 | 18982 | 52286 | 92293 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 423257 | 841860 | 2072645 | 4157929 | 6285188 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| di-Isopropyl ether | CBM | Ave | 2871 | 7873 | 30915 | 70168 | 144421 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 742613 | 1479012 | 3573695 | 7194885 | 10812652 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888 | 7980 | 32441 | 70478 | 149550 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 775137 | 1547996 | 3747181 | 7599049 | 11410476 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293 0.9995 | 1.1200 0.9946 | 1.0738 0.9536 | 1.0982 0.9313 | 0.9841 0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++ 0.2273 | 0.2674 0.2253 | 0.2836 0.2208 | 0.2687 0.2176 | 0.2422 0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301 0.2910 | 0.4020 0.2939 | 0.3349 0.2932 | 0.3576 0.2872 | 0.3198 0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683 0.4530 | 0.3722 0.4558 | 0.4403 0.4638 | 0.4630 0.4514 | 0.4650 0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2473 | 0.3641 0.2414 | 0.3004 0.2429 | 0.2934 0.2380 | 0.2684 0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140 0.2386 | 0.2831 0.2402 | 0.2585 0.2415 | 0.2515 0.2377 | 0.2396 0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1097 | 0.0960 0.1068 | 0.1222 0.1116 | 0.0845 0.1098 | 0.0946 0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++ 0.2758 | 0.4290 0.2716 | 0.3161 0.2769 | 0.3343 0.2714 | 0.3011 0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.4655 | 0.6993 0.4603 | 0.5022 0.4695 | 0.5609 0.4590 | 0.4957 0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089 0.4150 | 0.5380 0.4130 | 0.4487 0.4237 | 0.4965 0.4109 | 0.4550 0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393 0.4524 | 0.4075 0.4527 | 0.5270 0.4566 | 0.3889 0.4451 | 0.3945 0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++ 0.9026 | +++++ 0.8792 | 1.1388 0.8612 | 1.1320 0.8223 | 0.9883 0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310 0.5166 | 0.6338 0.5125 | 0.5949 0.5030 | 0.5977 0.4926 | 0.5420 0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296 0.3587 | 0.4318 0.3593 | 0.4545 0.3685 | 0.4303 0.3641 | 0.3763 0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980 0.4370 | 0.4553 0.4335 | 0.4738 0.4419 | 0.3667 0.4358 | 0.3975 0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3055 | 0.4447 0.2996 | 0.3283 0.3050 | 0.3632 0.2992 | 0.3223 0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810 0.4239 | 0.4782 0.4186 | 0.4355 0.4243 | 0.5156 0.4137 | 0.4539 0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295<br>1.1379 | 1.1254<br>1.1243 | 1.1384<br>1.1106 | 1.1328<br>1.1224 | 1.1324<br>1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| Propene | CBM | Ave | +++++ | +++++ | 5464 | 10108 | 23280 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 145579 | 304896 | 709009 | 1470102 | 2259755 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795 | 6788 | 25873 | 60182 | 117884 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 618421 | 1248693 | 2974160 | 5963500 | 8884152 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052 | 2547 | 14013 | 24136 | 50981 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 319275 | 657865 | 1543304 | 3185472 | 4845332 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Freon-114 | CBM | Ave | 3357 | 5308 | 23850 | 43597 | 100967 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 607895 | 1253921 | 2945227 | 6038067 | 9095798 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloromethane | CBM | Ave | +++++ | +++++ | +++++ | 15400 | 34276 | +++++ | +++++ | +++++ | 0.500 | 1.00 |
| | | | 192389 | 385486 | 895925 | 1860708 | 2835335 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Vinyl chloride | CBM | Ave | 892 | 2030 | 10241 | 19832 | 37948 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 224115 | 456786 | 1080251 | 2227707 | 3410098 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,3-Butadiene | CBM | Ave | +++++ | 2154 | 8449 | 17553 | 31057 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 161119 | 326629 | 784206 | 1604654 | 2439142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromomethane | CBM | Ave | +++++ | 2315 | 8202 | 20086 | 38651 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 183011 | 368110 | 890037 | 1811771 | 2727556 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroethane | CBM | Ave | +++++ | +++++ | 6123 | 13424 | 23980 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 114463 | 233040 | 552116 | 1133145 | 1726767 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoethene | CBM | Ave | +++++ | +++++ | 9974 | 25952 | 48266 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 243000 | 504762 | 1193475 | 2442814 | 3678677 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547 | 5674 | 21938 | 56079 | 102992 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 508460 | 1031482 | 2503386 | 5072350 | 7617337 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785 | 7453 | 26267 | 61327 | 116816 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 613842 | 1237795 | 2938368 | 5949261 | 8976443 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Pentane | CBM | Ave | +++++ | +++++ | 15957 | 40407 | 74431 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 339076 | 707589 | 1693822 | 3401785 | 5118211 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++<br>99014 | +++++<br>192740 | 5175<br>483641 | 10693<br>985957 | 21422<br>1499881 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++<br>343961 | 4685<br>695190 | 14803<br>1689947 | 42175<br>3412697 | 74721<br>5117343 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon 113 | CBM | Ave | 2192<br>312030 | 3248<br>625046 | 16063<br>1458756 | 27730<br>3015567 | 56309<br>4639898 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetone | CBM | Ave | +++++<br>316408 | +++++<br>633341 | +++++<br>1536541 | 42091<br>3113242 | 71605<br>4712362 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Isopropanol | CBM | Ave | +++++<br>255964 | 3889<br>516072 | 13347<br>1297018 | 30291<br>2627537 | 52638<br>4083264 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Iodomethane | CBM | Ave | 2995<br>569157 | 5250<br>1176406 | 19490<br>3056034 | 63205<br>6249409 | 114457<br>9522769 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Carbon disulfide | CBM | Ave | +++++<br>716955 | +++++<br>1449418 | 38372<br>3498347 | 76496<br>7074816 | 144493<br>10637042 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetonitrile | CBM | Ave | +++++<br>88850 | +++++<br>178881 | 3384<br>466427 | 8678<br>947552 | 16516<br>1489308 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 3-Chloroprene | CBM | Ave | +++++<br>271251 | +++++<br>536674 | 12831<br>1327264 | 34333<br>2661513 | 58465<br>4056563 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methylene Chloride | CBM | Ave | +++++<br>204346 | +++++<br>403457 | 9393<br>985572 | 23286<br>2025002 | 43418<br>3081485 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>339373 | 5507<br>689181 | 18955<br>1678816 | 32063<br>3425044 | 62169<br>5322007 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14<br>85.5 |
| Acrylonitrile | CBM | Ave | +++++<br>179576 | +++++<br>359872 | 7480<br>912173 | 20546<br>1861483 | 35038<br>2866505 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121<br>674954 | 7442<br>1361121 | 35239<br>3258510 | 61562<br>6622272 | 127066<br>10014099 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++<br>361390 | 5040<br>729721 | 15484<br>1766338 | 42572<br>3561680 | 76739<br>5404236 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexane | CBM | Ave | +++++<br>180068 | +++++<br>360775 | 7727<br>879844 | 23899<br>1749205 | 40278<br>2659267 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl acetate | CBM | Ave | +++++<br>63894 | 994<br>130146 | 2395<br>324968 | 7399<br>666258 | 13697<br>1021868 | +++++<br>5.65 | 0.0565<br>11.3 | 0.226<br>28.3 | 0.565<br>56.5 | 1.13<br>84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++<br>423257 | 5345<br>841860 | 18982<br>2072645 | 52286<br>4157929 | 92293<br>6285188 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| di-Isopropyl ether | CBM | Ave | 2871<br>742613 | 7873<br>1479012 | 30915<br>3573695 | 70168<br>7194885 | 144421<br>10812652 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888<br>775137 | 7980<br>1547996 | 32441<br>3747181 | 70478<br>7599049 | 149550<br>11410476 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-687586/3 | 5G19X02.D |
| Level 2 | IC 410-687586/4 | 5G19X03.D |
| Level 3 | IC 410-687586/5 | 5G19X04.D |
| Level 4 | IC 410-687586/6 | 5G19X05.D |
| Level 5 | IC 410-687586/7 | 5G19X06.D |
| Level 6 | IC 410-687586/8 | 5G19X07.D |
| Level 7 | ICISAV 410-687586/9 | 5G19X08.D |
| Level 8 | IC 410-687586/10 | 5G19X09.D |
| Level 9 | IC 410-687586/11 | 5G19X10.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++<br>1.0684 | +++++<br>1.0221 | 1.5695<br>1.0469 | 1.3070<br>1.0123 | 1.1108 | Ave | | 1.1624 | | | | 17.7 | | 30.0 | | | |
| Dichlorodifluoromethane | 4.8347<br>4.5897 | 5.1804<br>4.3016 | 4.6250<br>4.4151 | 4.8152<br>4.1850 | 4.7242 | Ave | | 4.6301 | | | | 6.6 | | 30.0 | | | |
| Chlorodifluoromethane | +++++<br>2.2227 | 2.1716<br>2.1051 | 2.2825<br>2.1476 | 2.2013<br>2.0143 | 2.3162 | Ave | | 2.1827 | | | | 4.4 | | 30.0 | | | |
| Freon-114 | 5.8671<br>4.9908 | 5.8364<br>4.8739 | 5.0302<br>4.9103 | 5.8189<br>4.7334 | 5.2468 | Ave | | 5.2564 | | | | 8.7 | | 30.0 | | | |
| Chloromethane | +++++<br>1.1979 | +++++<br>1.0953 | 1.7384<br>1.0475 | 1.3862<br>0.9946 | 1.3181 | Ave | | 1.2540 | | | | 20.4 | | 30.0 | | | |
| Vinyl chloride | +++++<br>1.5983 | 1.1777<br>1.5481 | 1.4439<br>1.6110 | 1.6109<br>1.5513 | 1.5653 | Ave | | 1.5133 | | | | 9.6 | | 30.0 | | | |
| 1,3-Butadiene | +++++<br>1.2238 | 1.3889<br>1.2561 | 1.2001<br>1.3128 | 1.1800<br>1.2776 | 1.1827 | Ave | | 1.2527 | | | | 5.8 | | 30.0 | | | |
| Bromomethane | +++++<br>1.4661 | 2.3157<br>1.4461 | 2.1211<br>1.4405 | 1.5432<br>1.4444 | 1.4453 | Ave | | 1.6528 | | | | 21.5 | | 30.0 | | | |
| Chloroethane | +++++<br>0.9184 | +++++<br>0.8492 | 1.0871<br>0.8579 | 0.9973<br>0.8288 | 0.9782 | Ave | | 0.9310 | | | | 10.2 | | 30.0 | | | |
| Bromoethene | +++++<br>1.7459 | 1.8163<br>1.7125 | 1.6594<br>1.8273 | 1.7149<br>1.7380 | 1.6933 | Ave | | 1.7384 | | | | 3.3 | | 30.0 | | | |
| Dichlorofluoromethane | 4.1806<br>3.9418 | 4.3158<br>3.6520 | 3.9869<br>3.7795 | 3.8456<br>3.5138 | 3.9097 | Ave | | 3.9029 | | | | 6.3 | | 30.0 | | | |
| Trichlorofluoromethane | 5.5093<br>5.2648 | 5.7569<br>5.0511 | 5.2279<br>5.1981 | 6.2431<br>5.0273 | 5.5922 | Ave | | 5.4301 | | | | 7.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Pentane | 2.9642<br>2.2851 | 3.1679<br>2.3446 | 2.2941<br>2.5585 | 2.6532<br>2.5500 | 2.4120 | Ave | | 2.5811 | | | | 11.9 | | 30.0 | | | |
| Ethanol | +++++<br>0.4754 | +++++<br>0.4762 | 0.3752<br>0.4682 | 0.4605<br>0.4656 | 0.4566 | Ave | | 0.4539 | | | | 7.8 | | 30.0 | | | |
| Acrolein | +++++<br>0.5929 | +++++<br>0.6089 | 0.4666<br>0.6678 | 0.4947<br>0.6546 | 0.5762 | Ave | | 0.5802 | | | | 13.1 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++<br>2.4782 | 2.5492<br>2.5081 | 2.3845<br>2.6472 | 2.4320<br>2.5876 | 2.4522 | Ave | | 2.5049 | | | | 3.5 | | 30.0 | | | |
| Freon 113 | +++++<br>2.5647 | 2.6511<br>2.4703 | 2.5442<br>2.5281 | 2.8026<br>2.4380 | 2.7133 | Ave | | 2.5890 | | | | 4.8 | | 30.0 | | | |
| Acetone | 4.2726<br>2.5183 | 3.6499<br>2.4216 | 3.0405<br>2.4843 | 2.8694<br>2.4163 | 2.5581 | Ave | | 2.9145 | | | | 22.2 | | 30.0 | | | |
| Iodomethane | +++++<br>4.7429 | 5.0016<br>4.4787 | 4.1201<br>4.9221 | 4.8282<br>4.3251 | 4.7047 | Ave | | 4.6404 | | | | 6.6 | | 30.0 | | | |
| Carbon disulfide | 8.7087<br>5.6386 | 7.1980<br>5.4519 | 7.1029<br>5.5975 | 5.6442<br>5.3672 | 5.7942 | Ave | | 6.2781 | | | | 18.2 | | 30.0 | | | |
| Isopropanol | +++++<br>2.8531 | 3.7791<br>2.8432 | 2.8849<br>3.1500 | 3.0053<br>3.1390 | 2.6890 | Ave | | 3.0429 | | | | 11.0 | | 30.0 | | | |
| Acetonitrile | +++++<br>0.9552 | +++++<br>0.9702 | 1.4693<br>0.9854 | 0.9778<br>0.9113 | 1.2728 | Ave | | 1.0774 | | | | 19.5 | | 30.0 | | | |
| 3-Chloroprene | +++++<br>2.1152 | 2.8871<br>2.0915 | 2.1719<br>2.1781 | 2.3487<br>2.1822 | 1.8623 | Ave | | 2.2296 | | | | 13.4 | | 30.0 | | | |
| Methylene Chloride | +++++<br>1.5980 | 1.8461<br>1.5090 | 1.5505<br>1.5162 | 1.7404<br>1.4353 | 1.5560 | Ave | | 1.5939 | | | | 8.4 | | 30.0 | | | |
| tert-Butyl alcohol | 2.9588<br>3.1879 | 3.2714<br>3.2253 | 3.0215<br>3.5909 | 3.4054<br>3.6005 | 3.0891 | Ave | | 3.2612 | | | | 7.1 | | 30.0 | | | |
| Acrylonitrile | +++++<br>1.5063 | +++++<br>1.4870 | 1.4479<br>1.5164 | 1.5879<br>1.4482 | 1.4225 | Ave | | 1.4880 | | | | 3.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++<br>2.7804 | 2.6809<br>2.7544 | 2.6382<br>2.8397 | 2.8854<br>2.7394 | 2.6620 | Ave | | 2.7475 | | | | 3.1 | | 30.0 | | | |
| Methyl t-butyl ether | 4.0835<br>4.7472 | 4.5941<br>4.8560 | 3.9593<br>5.3446 | 4.5175<br>5.2630 | 4.5139 | Ave | | 4.6532 | | | | 10.0 | | 30.0 | | | |
| Hexane | +++++<br>1.4318 | 1.0783<br>1.3845 | 1.2905<br>1.4664 | 1.5964<br>1.4295 | 1.4249 | Ave | | 1.3878 | | | | 10.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1-Dichloroethane | 3.3169<br>3.3602 | 3.2300<br>3.2452 | 2.9771<br>3.3064 | 4.0211<br>3.2518 | 3.3999 | Ave | | 3.3454 | | | | 8.4 | | 30.0 | | | |
| Vinyl acetate | +++++<br>4.0701 | 3.4631<br>4.1536 | 3.2242<br>4.6986 | 3.6226<br>4.6674 | 3.4194 | Ave | | 3.9149 | | | | 14.6 | | 30.0 | | | |
| di-Isopropyl ether | 5.4020<br>5.0761 | 5.1481<br>5.1348 | 4.3846<br>5.4716 | 5.2388<br>5.3757 | 4.9559 | Ave | | 5.1320 | | | | 6.4 | | 30.0 | | | |
| Ethyl tert-butyl ether | 4.4361<br>4.8743 | 4.2363<br>5.0496 | 3.9108<br>5.7047 | 4.8429<br>5.8414 | 4.7200 | Ave | | 4.8462 | | | | 13.1 | | 30.0 | | | |
| 2-Butanone | 4.5076<br>3.3032 | 4.3282<br>3.2562 | 3.0209<br>3.4831 | 3.7162<br>3.4712 | 3.4606 | Ave | | 3.6164 | | | | 13.7 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 2.0801<br>2.3992 | 2.2883<br>2.4245 | 2.3361<br>2.5246 | 2.5727<br>2.4763 | 2.4271 | Ave | | 2.3921 | | | | 6.1 | | 30.0 | | | |
| Ethyl acetate | 4.5128<br>4.0687 | 4.8922<br>4.0627 | 3.8705<br>4.2168 | 4.6007<br>4.2222 | 4.2631 | Ave | | 4.3011 | | | | 7.3 | | 30.0 | | | |
| Methyl acrylate | +++++<br>3.2520 | 3.2971<br>3.2889 | 2.7926<br>3.5007 | 3.3158<br>3.4718 | 3.0399 | Ave | | 3.2449 | | | | 7.1 | | 30.0 | | | |
| Tetrahydrofuran | +++++<br>1.7492 | +++++<br>1.7782 | 1.5165<br>1.9265 | 1.9428<br>1.9197 | 1.6504 | Ave | | 1.7833 | | | | 9.0 | | 30.0 | | | |
| Chloroform | 5.7342<br>4.1894 | 4.3357<br>4.0931 | 3.9956<br>4.1505 | 4.9631<br>4.0962 | 4.4554 | Ave | | 4.4459 | | | | 12.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | 5.6116<br>4.2278 | 5.1680<br>4.0876 | 4.2815<br>4.2644 | 5.1501<br>4.2213 | 4.6607 | Ave | | 4.6303 | | | | 11.8 | | 30.0 | | | |
| Cyclohexane | +++++<br>2.6039 | 2.7033<br>2.6190 | 2.2502<br>2.9466 | 2.5542<br>2.9845 | 2.4488 | Ave | | 2.6388 | | | | 9.2 | | 30.0 | | | |
| Carbon tetrachloride | 5.3867<br>4.5505 | 5.3544<br>4.3746 | 4.2769<br>4.5750 | 5.5405<br>4.5540 | 4.8452 | Ave | | 4.8287 | | | | 9.9 | | 30.0 | | | |
| Benzene | 1.8814<br>1.4158 | 1.8692<br>1.3656 | 1.5860<br>1.4045 | 1.8293<br>1.3825 | 1.5725 | Ave | | 1.5896 | | | | 13.7 | | 30.0 | | | |
| 1,2-Dichloroethane | 0.7933<br>0.6099 | 0.5611<br>0.5914 | 0.6561<br>0.6068 | 0.7340<br>0.5918 | 0.7014 | Ave | | 0.6495 | | | | 12.0 | | 30.0 | | | |
| Isooctane | 1.9916<br>1.7558 | 1.9669<br>1.7333 | 1.7013<br>1.8634 | 1.8617<br>1.8734 | 1.7381 | Ave | | 1.8317 | | | | 5.7 | | 30.0 | | | |
| Tert-amyl methyl ether | 1.1932<br>1.1532 | 1.0830<br>1.1639 | 1.1520<br>1.2887 | 1.1416<br>1.2745 | 1.1148 | Ave | | 1.1739 | | | | 5.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Heptane | +++++<br>0.4614 | 0.3005<br>0.4698 | 0.4182<br>0.5170 | 0.5084<br>0.5042 | 0.4379 | Ave | | 0.4522 | | | | 15.6 | | 30.0 | | | |
| Trichloroethene | 1.0086<br>0.6704 | 0.8731<br>0.6367 | 0.7148<br>0.6697 | 0.8668<br>0.6516 | 0.7504 | Ave | | 0.7602 | | | | 16.8 | | 30.0 | | | |
| Ethyl acrylate | 0.8382<br>0.8901 | 1.0779<br>0.9147 | 0.8850<br>1.0392 | 1.0259<br>1.0427 | 0.9328 | Ave | | 0.9607 | | | | 9.0 | | 30.0 | | | |
| 1,2-Dichloropropane | 0.6408<br>0.5428 | 0.5840<br>0.5143 | 0.5771<br>0.5338 | 0.6768<br>0.5269 | 0.6297 | Ave | | 0.5807 | | | | 9.9 | | 30.0 | | | |
| Methyl methacrylate | 0.3140<br>0.4813 | 0.3735<br>0.4951 | 0.4489<br>0.5459 | 0.5021<br>0.5394 | 0.4728 | Ave | | 0.4637 | | | | 16.4 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.3294 | 0.2872<br>0.3263 | 0.2690<br>0.3508 | 0.3564<br>0.3368 | 0.3220 | Ave | | 0.3222 | | | | 9.3 | | 30.0 | | | |
| Dibromomethane | +++++<br>0.6751 | 0.8928<br>0.6388 | 0.7808<br>0.6605 | 0.8491<br>0.6248 | 0.7625 | Ave | | 0.7355 | | | | 13.7 | | 30.0 | | | |
| Bromodichloromethane | 1.4584<br>1.0938 | 1.2459<br>1.0392 | 1.1041<br>1.0699 | 1.4053<br>1.0412 | 1.2128 | Ave | | 1.1856 | | | | 13.3 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 1.1445<br>0.8462 | 0.9961<br>0.8427 | 0.8612<br>0.9396 | 1.0328<br>0.9307 | 0.8950 | Ave | | 0.9432 | | | | 10.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | +++++<br>0.9270 | 1.2529<br>0.9251 | 0.9459<br>1.0027 | 1.0158<br>1.0010 | 0.9392 | Ave | | 1.0012 | | | | 10.8 | | 30.0 | | | |
| Toluene | 2.1304<br>1.7716 | 1.9447<br>1.7785 | 1.7688<br>1.8212 | 2.1342<br>1.7354 | 1.9685 | Ave | | 1.8948 | | | | 8.3 | | 30.0 | | | |
| Octane | 1.3428<br>0.9496 | 1.1440<br>0.9761 | 0.8118<br>1.0502 | 0.9995<br>1.0218 | 0.9368 | Ave | | 1.0258 | | | | 14.5 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.7809<br>0.7285 | 0.6831<br>0.7093 | 0.6041<br>0.7733 | 0.8013<br>0.7486 | 0.7259 | Ave | | 0.7283 | | | | 8.2 | | 30.0 | | | |
| Ethyl methacrylate | +++++<br>0.8151 | 0.4322<br>0.8685 | 0.6029<br>0.9344 | 0.7865<br>0.9076 | 0.7769 | Ave | | 0.7655 | | | | 22.1 | | 30.0 | | | |
| 1,1,2-Trichloroethane | 0.8361<br>0.6372 | 0.7608<br>0.6140 | 0.7014<br>0.6187 | 0.8041<br>0.5862 | 0.6831 | Ave | | 0.6935 | | | | 12.9 | | 30.0 | | | |
| Tetrachloroethene | 1.4760<br>0.9340 | 1.2352<br>0.9187 | 1.2181<br>0.9411 | 1.1525<br>0.8919 | 1.0572 | Ave | | 1.0916 | | | | 17.9 | | 30.0 | | | |
| 2-Hexanone | +++++<br>0.8975 | +++++<br>0.9103 | 0.4687<br>0.9954 | 0.6516<br>0.9768 | 0.8037 | Ave | | 0.8149 | | | | 23.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromochloromethane | 1.0133<br>0.9096 | 1.1597<br>0.8726 | 0.9319<br>0.9012 | 1.1226<br>0.8578 | 1.0064 | Ave | | 0.9750 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dibromoethane | 1.1002<br>0.9778 | 1.0798<br>0.9668 | 0.9609<br>0.9955 | 1.1874<br>0.9533 | 1.0611 | Ave | | 1.0314 | | | | 7.8 | | 30.0 | | | |
| Chlorobenzene | 1.8179<br>1.4165 | 1.6386<br>1.3692 | 1.4840<br>1.4174 | 1.7507<br>1.3462 | 1.5728 | Ave | | 1.5348 | | | | 11.1 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | 1.0032<br>0.8183 | 0.8857<br>0.7822 | 0.8107<br>0.7850 | 1.0232<br>0.7381 | 0.9258 | Ave | | 0.8636 | | | | 11.8 | | 30.0 | | | |
| Ethylbenzene | 2.3584<br>2.1653 | 2.2976<br>2.1767 | 2.0061<br>2.3482 | 2.3389<br>2.1943 | 2.1728 | Ave | | 2.2287 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 1.5809<br>1.7265 | 1.3964<br>1.7915 | 1.4136<br>1.8874 | 1.7389<br>1.7528 | 1.6514 | Ave | | 1.6599 | | | | 10.1 | | 30.0 | | | |
| o-Xylene | 1.4771<br>1.7059 | 1.4557<br>1.7497 | 1.3529<br>1.8878 | 1.7308<br>1.7954 | 1.6574 | Ave | | 1.6459 | | | | 10.8 | | 30.0 | | | |
| Styrene | 0.9930<br>1.3627 | 1.0213<br>1.4166 | 1.0065<br>1.4847 | 1.2610<br>1.4053 | 1.1699 | Ave | | 1.2357 | | | | 15.7 | | 30.0 | | | |
| Bromoform | 1.1442<br>1.1333 | 1.1237<br>1.1196 | 1.0793<br>1.1834 | 1.3898<br>1.1269 | 1.2665 | Ave | | 1.1741 | | | | 8.2 | | 30.0 | | | |
| Cumene | 1.9397<br>2.2760 | 1.8378<br>2.3396 | 1.6151<br>2.5687 | 2.2389<br>2.4593 | 2.0932 | Ave | | 2.1520 | | | | 14.3 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 1.8619<br>1.3460 | 1.7568<br>1.2802 | 1.3691<br>1.3581 | 1.6824<br>1.3002 | 1.5076 | Ave | | 1.4958 | | | | 14.6 | | 30.0 | | | |
| Bromobenzene | 0.8756<br>0.8626 | 0.8311<br>0.8392 | 0.8121<br>0.8997 | 1.0272<br>0.8574 | 0.9073 | Ave | | 0.8791 | | | | 7.2 | | 30.0 | | | |
| 1,2,3-Trichloropropane | 0.4909<br>0.3832 | 0.3568<br>0.3652 | 0.3723<br>0.3829 | 0.4348<br>0.3705 | 0.4442 | Ave | | 0.4001 | | | | 11.4 | | 30.0 | | | |
| N-Propylbenzene | +++++<br>0.6464 | 0.4243<br>0.6706 | 0.5278<br>0.7309 | 0.6714<br>0.7120 | 0.6437 | Ave | | 0.6284 | | | | 16.3 | | 30.0 | | | |
| 2-Chlorotoluene | +++++<br>0.6094 | 0.3680<br>0.6093 | 0.5265<br>0.6443 | 0.6513<br>0.6106 | 0.6097 | Ave | | 0.5786 | | | | 16.1 | | 30.0 | | | |
| 4-Ethyltoluene | +++++<br>2.3830 | 1.3786<br>2.4159 | 1.5525<br>2.6016 | 2.2923<br>2.4413 | 2.2296 | Ave | | 2.1618 | | | | 20.6 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | +++++<br>2.1264 | 2.0387<br>2.1223 | 1.7294<br>2.3272 | 2.0651<br>2.2398 | 2.0687 | Ave | | 2.0897 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Alpha Methyl Styrene | +++++<br>0.8659 | +++++<br>0.8966 | 0.5967<br>1.0894 | 0.7898<br>1.0358 | 0.7803 | Ave | | 0.8649 | | | | 19.2 | | 30.0 | | | |
| tert-Butylbenzene | 1.7456<br>1.8625 | 1.2622<br>1.8664 | 1.4564<br>2.0427 | 1.7125<br>1.9173 | 1.7394 | Ave | | 1.7339 | | | | 13.9 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | +++++<br>2.0243 | +++++<br>2.0681 | 1.1644<br>2.3274 | 1.8394<br>2.2165 | 1.8297 | Ave | | 1.9243 | | | | 19.8 | | 30.0 | | | |
| sec-Butylbenzene | 1.9758<br>2.7382 | 2.4500<br>2.7833 | 2.0487<br>3.1168 | 2.7104<br>2.9042 | 2.6361 | Ave | | 2.5960 | | | | 14.6 | | 30.0 | | | |
| 1,3-Dichlorobenzene | +++++<br>1.3979 | 0.7799<br>1.3595 | 1.1122<br>1.5169 | 1.4521<br>1.4323 | 1.4438 | Ave | | 1.3118 | | | | 18.8 | | 30.0 | | | |
| p-Isopropyltoluene | +++++<br>2.3005 | +++++<br>2.3454 | 1.6310<br>2.6971 | 2.0926<br>2.5237 | 1.9734 | Ave | | 2.2234 | | | | 16.1 | | 30.0 | | | |
| 1,4-Dichlorobenzene | +++++<br>1.4133 | 1.6684<br>1.3733 | 1.5304<br>1.5731 | 1.6563<br>1.4771 | 1.5657 | Ave | | 1.5322 | | | | 6.9 | | 30.0 | | | |
| Benzyl chloride | +++++<br>0.3325 | +++++<br>0.3455 | +++++<br>0.4332 | 0.2764<br>0.4256 | 0.3163 | Ave | | 0.3549 | | | | 17.5 | | 30.0 | | | |
| n-Butylbenzene | +++++<br>1.0318 | +++++<br>1.1008 | 0.7123<br>1.3540 | 0.9916<br>1.2989 | 0.8032 | Ave | | 1.0418 | | | | 22.7 | | 30.0 | | | |
| 1,2-Dichlorobenzene | +++++<br>1.3124 | 1.2312<br>1.2474 | 1.2245<br>1.4538 | 1.4601<br>1.3768 | 1.3653 | Ave | | 1.3339 | | | | 7.1 | | 30.0 | | | |
| Hexachloroethane | 0.9050<br>0.8147 | 0.6516<br>0.7654 | 0.5831<br>0.8913 | 0.9928<br>0.8367 | 0.8911 | Ave | | 0.8146 | | | | 15.9 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.4649<br>0.6085 | 0.6826<br>0.6142 | 0.6247<br>0.8146 | 0.6805<br>0.8026 | 0.6343 | Ave | | 0.6585 | | | | 16.1 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.8950 | 0.9257<br>0.9180 | 1.0363<br>1.2644 | 0.8962<br>1.2751 | 0.8629 | Ave | | 1.0092 | | | | 16.7 | | 30.0 | | | |
| Hexachlorobutadiene | 1.1735<br>0.9041 | 1.2948<br>0.9029 | 1.1458<br>1.1652 | 0.9959<br>1.1412 | 0.9701 | Ave | | 1.0771 | | | | 12.8 | | 30.0 | | | |
| Naphthalene | 1.8235<br>1.6727 | 2.0550<br>1.8902 | 2.0339<br>2.6733 | 1.5773<br>2.7090 | 1.4998 | Ave | | 1.9927 | | | | 22.0 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.4339<br>1.4204 | 1.4375<br>1.3871 | 1.4084<br>1.3592 | 1.4074<br>1.4205 | 1.4237 | Ave | | 1.4109 | | | | 1.7 | | 30.0 | | | |
| Toluene-d8 (Surr) | 1.0418<br>1.1224 | 1.0422<br>1.1308 | 1.0721<br>1.1366 | 1.0680<br>1.1195 | 1.0806 | Ave | | 1.0904 | | | | 3.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-687586/3 | 5G19X02.D |
| Level 2 | IC 410-687586/4 | 5G19X03.D |
| Level 3 | IC 410-687586/5 | 5G19X04.D |
| Level 4 | IC 410-687586/6 | 5G19X05.D |
| Level 5 | IC 410-687586/7 | 5G19X06.D |
| Level 6 | IC 410-687586/8 | 5G19X07.D |
| Level 7 | ICISAV 410-687586/9 | 5G19X08.D |
| Level 8 | IC 410-687586/10 | 5G19X09.D |
| Level 9 | IC 410-687586/11 | 5G19X10.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Propene | CBM | Ave | +++++<br>45337 | +++++<br>88257 | 2723<br>436746 | 5229<br>645482 | 8964 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Dichlorodifluoromethane | CBM | Ave | 946<br>194766 | 2085<br>371429 | 8024<br>1841842 | 19265<br>2668391 | 38125 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Chlorodifluoromethane | CBM | Ave | +++++<br>94321 | 874<br>181766 | 3960<br>895920 | 8807<br>1284322 | 18692 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Freon-114 | CBM | Ave | 1148<br>211783 | 2349<br>420846 | 8727<br>2048428 | 23281<br>3018101 | 42343 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Chloromethane | CBM | Ave | +++++<br>50834 | +++++<br>94575 | 3016<br>437000 | 5546<br>634155 | 10637 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Vinyl chloride | CBM | Ave | +++++<br>67823 | 474<br>133676 | 2505<br>672061 | 6445<br>989106 | 12632 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,3-Butadiene | CBM | Ave | +++++<br>51934 | 559<br>108455 | 2082<br>547667 | 4721<br>814606 | 9545 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Bromomethane | CBM | Ave | +++++<br>62215 | 932<br>124861 | 3680<br>600950 | 6174<br>920974 | 11664 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Chloroethane | CBM | Ave | +++++<br>38974 | +++++<br>73328 | 1886<br>357880 | 3990<br>528445 | 7894 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Bromoethene | CBM | Ave | +++++<br>74088 | 731<br>147868 | 2879<br>762278 | 6861<br>1108155 | 13665 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Dichlorofluoromethane | CBM | Ave | 818<br>167270 | 1737<br>315338 | 6917<br>1576706 | 15386<br>2240445 | 31552 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Trichlorofluoromethane | CBM | Ave | 1078<br>223411 | 2317<br>436140 | 9070<br>2168479 | 24978<br>3205485 | 45130 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Pentane | CBM | Ave | 580<br>96967 | 1275<br>202446 | 3980<br>1067345 | 10615<br>1625933 | 19465 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethanol | CBM | Ave | +++++<br>23403 | +++++<br>47701 | 755<br>226573 | 2137<br>344354 | 4274 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>58.0 | 0.580<br>87.0 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Acrolein | CBM | Ave | +++++<br>29186 | +++++<br>60986 | 939<br>323138 | 2296<br>484137 | 5394 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>58.0 | 0.580<br>87.0 | 1.16 |
| 1,1-Dichloroethene | CBM | Ave | +++++<br>105162 | 1026<br>216568 | 4137<br>1104313 | 9730<br>1649917 | 19790 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Freon 113 | CBM | Ave | +++++<br>108832 | 1067<br>213299 | 4414<br>1054637 | 11213<br>1554500 | 21897 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Acetone | CBM | Ave | 836<br>106864 | 1469<br>209093 | 5275<br>1036394 | 11480<br>1540637 | 20644 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Iodomethane | CBM | Ave | +++++<br>201267 | 2013<br>386722 | 7148<br>2053351 | 19317<br>2757742 | 37968 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Carbon disulfide | CBM | Ave | 1704<br>239273 | 2897<br>470752 | 12323<br>2335098 | 22582<br>3422216 | 46760 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Isopropanol | CBM | Ave | +++++<br>121070 | 1521<br>245498 | 5005<br>1314080 | 12024<br>2001457 | 21701 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Acetonitrile | CBM | Ave | +++++<br>47018 | +++++<br>97173 | 2957<br>476852 | 4538<br>673998 | 11915 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>58.0 | 0.580<br>87.0 | 1.16 |
| 3-Chloroprene | CBM | Ave | +++++<br>89758 | 1162<br>180591 | 3768<br>908622 | 9397<br>1391416 | 15029 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Methylene Chloride | CBM | Ave | +++++<br>67811 | 743<br>130299 | 2690<br>632522 | 6963<br>915178 | 12557 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| tert-Butyl alcohol | CBM | Ave | 660<br>154219 | 1501<br>317477 | 5976<br>1707717 | 15532<br>2617110 | 28420 | 0.0285<br>5.70 | 0.0570<br>11.4 | 0.228<br>57.0 | 0.570<br>85.5 | 1.14 |
| Acrylonitrile | CBM | Ave | +++++<br>63921 | +++++<br>128396 | 2512<br>632602 | 6353<br>923409 | 11480 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++<br>117988 | 1079<br>237829 | 4577<br>1184623 | 11544<br>1746666 | 21483 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Methyl t-butyl ether | CBM | Ave | 799<br>201446 | 1849<br>419297 | 6869<br>2229618 | 18074<br>3355760 | 36428 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Hexane | CBM | Ave | +++++<br>60759 | 434<br>119545 | 2239<br>611757 | 6387<br>911475 | 11499 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,1-Dichloroethane | CBM | Ave | 649<br>142592 | 1300<br>280209 | 5165<br>1379323 | 16088<br>2073394 | 27438 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Vinyl acetate | CBM | Ave | +++++<br>195170 | 1575<br>405273 | 6321<br>2214952 | 16378<br>3362855 | 31183 | +++++<br>5.65 | 0.0565<br>11.3 | 0.226<br>56.5 | 0.565<br>84.8 | 1.13 |
| di-Isopropyl ether | CBM | Ave | 1057<br>215406 | 2072<br>443368 | 7607<br>2282608 | 20960<br>3427625 | 39995 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethyl tert-butyl ether | CBM | Ave | 868<br>206842 | 1705<br>436017 | 6785<br>2379833 | 19376<br>3724542 | 38091 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 2-Butanone | CBM | Ave | 882<br>140170 | 1742<br>281160 | 5241<br>1453042 | 14868<br>2213289 | 27928 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| cis-1,2-Dichloroethene | CBM | Ave | 407<br>101808 | 921<br>209343 | 4053<br>1053174 | 10293<br>1578890 | 19587 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethyl acetate | CBM | Ave | 883<br>172655 | 1969<br>350799 | 6715<br>1759129 | 18407<br>2692157 | 34404 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Methyl acrylate | CBM | Ave | +++++<br>137999 | 1327<br>283980 | 4845<br>1460390 | 13266<br>2213665 | 24533 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Tetrahydrofuran | CBM | Ave | +++++<br>74229 | +++++<br>153539 | 2631<br>803671 | 7773<br>1224021 | 13319 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Chloroform | CBM | Ave | 1122<br>177777 | 1745<br>353425 | 6932<br>1731447 | 19857<br>2611799 | 35956 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,1,1-Trichloroethane | CBM | Ave | 1098<br>179407 | 2080<br>352946 | 7428<br>1778960 | 20605<br>2691571 | 37613 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Cyclohexane | CBM | Ave | +++++<br>110495 | 1088<br>226143 | 3904<br>1229242 | 10219<br>1902956 | 19762 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Carbon tetrachloride | CBM | Ave | 1054<br>193102 | 2155<br>377733 | 7420<br>1908555 | 22167<br>2903705 | 39102 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Benzene | DFBZ | Ave | 1468<br>258890 | 2948<br>515726 | 10561<br>2559685 | 29576<br>3990287 | 52134 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dichloroethane | DFBZ | Ave | 619<br>111521 | 885<br>223350 | 4369<br>1105943 | 11868<br>1708130 | 23253 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Isooctane | DFBZ | Ave | 1554<br>321052 | 3102<br>654596 | 11329<br>3396004 | 30101<br>5407073 | 57623 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Tert-amyl methyl ether | DFBZ | Ave | 931<br>210871 | 1708<br>439538 | 7671<br>2348534 | 18458<br>3678401 | 36960 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Heptane | DFBZ | Ave | +++++<br>84364 | 474<br>177423 | 2785<br>942169 | 8220<br>1455184 | 14519 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Trichloroethene | DFBZ | Ave | 787<br>122575 | 1377<br>240469 | 4760<br>1220522 | 14014<br>1880637 | 24878 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethyl acrylate | DFBZ | Ave | 654<br>162748 | 1700<br>345431 | 5893<br>1893982 | 16587<br>3009383 | 30926 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dichloropropane | DFBZ | Ave | 500<br>99253 | 921<br>194227 | 3843<br>972893 | 10942<br>1520653 | 20876 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Methyl methacrylate | DFBZ | Ave | 245<br>88013 | 589<br>186975 | 2989<br>994899 | 8118<br>1556850 | 15674 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>60227 | 453<br>123226 | 1791<br>639392 | 5762<br>972164 | 10675 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Dibromomethane | DFBZ | Ave | +++++<br>123448 | 1408<br>241232 | 5199<br>1203763 | 13728<br>1803190 | 25280 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Bromodichloromethane | DFBZ | Ave | 1138<br>199997 | 1965<br>392446 | 7352<br>1949817 | 22721<br>3005305 | 40208 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 893<br>154733 | 1571<br>318246 | 5735<br>1712340 | 16698<br>2686175 | 29672 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 4-Methyl-2-pentanone | DFBZ | Ave | +++++<br>169507 | 1976<br>349371 | 6299<br>1827349 | 16424<br>2889093 | 31139 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Toluene | CBZd5 | Ave | 1888<br>330948 | 3456<br>673006 | 12661<br>3382722 | 37870<br>5145780 | 69530 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Octane | CBZd5 | Ave | 1190<br>177392 | 2033<br>369390 | 5811<br>1950616 | 17736<br>3029643 | 33091 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 692<br>136079 | 1214<br>268395 | 4324<br>1436414 | 14218<br>2219732 | 25640 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethyl methacrylate | CBZd5 | Ave | +++++<br>152269 | 768<br>328670 | 4316<br>1735647 | 13956<br>2691191 | 27440 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | 741<br>119030 | 1352<br>232344 | 5021<br>1149181 | 14268<br>1738208 | 24127 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Tetrachloroethene | CBZd5 | Ave | 1308<br>174484 | 2195<br>347655 | 8719<br>1747963 | 20450<br>2644640 | 37341 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 2-Hexanone | CBZd5 | Ave | +++++<br>167662 | +++++<br>344469 | 3355<br>1848814 | 11562<br>2896434 | 28390 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Dibromochloromethane | CBZd5 | Ave | 898<br>169920 | 2061<br>330224 | 6671<br>1673821 | 19920<br>2543436 | 35548 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dibromoethane | CBZd5 | Ave | 975<br>182666 | 1919<br>365846 | 6878<br>1849049 | 21069<br>2826581 | 37479 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Chlorobenzene | CBZd5 | Ave | 1611<br>264613 | 2912<br>518146 | 10623<br>2632798 | 31065<br>3991801 | 55554 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | 889<br>152863 | 1574<br>296016 | 5803<br>1458058 | 18156<br>2188586 | 32701 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Ethylbenzene | CBZd5 | Ave | 2090<br>404488 | 4083<br>823699 | 14360<br>4361563 | 41503<br>6506261 | 76747 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| m&p-Xylene | CBZd5 | Ave | 2802<br>645033 | 4963<br>1355843 | 20238<br>7011335 | 61711<br>10394323 | 116659 | 0.0500<br>10.0 | 0.100<br>20.0 | 0.400<br>100 | 1.00<br>150 | 2.00 |
| o-Xylene | CBZd5 | Ave | 1309<br>318665 | 2587<br>662131 | 9684<br>3506452 | 30713<br>5323694 | 58544 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Styrene | CBZd5 | Ave | 880<br>254549 | 1815<br>536070 | 7205<br>2757627 | 22376<br>4166995 | 41323 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Bromoform | CBZd5 | Ave | 1014<br>211705 | 1997<br>423693 | 7726<br>2197995 | 24662<br>3341525 | 44734 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Cumene | CBZd5 | Ave | 1719<br>425162 | 3266<br>885353 | 11561<br>4771102 | 39728<br>7292079 | 73936 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 1650<br>251441 | 3122<br>484449 | 9800<br>2522490 | 29853<br>3855283 | 53253 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Bromobenzene | CBZd5 | Ave | 776<br>161131 | 1477<br>317558 | 5813<br>1671113 | 18227<br>2542344 | 32048 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | 435<br>71590 | 634<br>138201 | 2665<br>711282 | 7715<br>1098613 | 15691 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| N-Propylbenzene | CBZd5 | Ave | +++++<br>120743 | 754<br>253756 | 3778<br>1357517 | 11914<br>2111066 | 22736 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>113834 | 654<br>230587 | 3769<br>1196676 | 11557<br>1810424 | 21537 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 4-Ethyltoluene | CBZd5 | Ave | +++++<br>445148 | 2450<br>914209 | 11113<br>4832214 | 40675<br>7238690 | 78753 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | +++++<br>397227 | 3623<br>803116 | 12379<br>4322543 | 36644<br>6641437 | 73069 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Alpha Methyl Styrene | CBZd5 | Ave | +++++<br>187639 | +++++<br>393597 | 4955<br>2347201 | 16256<br>3562832 | 31972 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>58.0 | 0.580<br>87.0 | 1.16 |
| tert-Butylbenzene | CBZd5 | Ave | 1547<br>347922 | 2243<br>706273 | 10425<br>3794243 | 30388<br>5684972 | 61438 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | +++++<br>378156 | +++++<br>782588 | 8335<br>4323014 | 32640<br>6572160 | 64630 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| sec-Butylbenzene | CBZd5 | Ave | 1751<br>511501 | 4354<br>1053242 | 14665<br>5789295 | 48094<br>8611483 | 93112 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | +++++<br>261124 | 1386<br>514473 | 7961<br>2817610 | 25766<br>4247039 | 50998 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| p-Isopropyltoluene | CBZd5 | Ave | +++++<br>429745 | +++++<br>887546 | 11675<br>5009657 | 37132<br>7483093 | 69704 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | +++++<br>264019 | 2965<br>519698 | 10955<br>2921844 | 29390<br>4379755 | 55303 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Benzyl chloride | CBZd5 | Ave | +++++<br>62116 | +++++<br>130730 | +++++<br>804662 | 4904<br>1262093 | 11174 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>50.0 | 0.500<br>75.0 | 1.00 |
| n-Butylbenzene | CBZd5 | Ave | +++++<br>192745 | +++++<br>416572 | 5099<br>2514967 | 17595<br>3851332 | 28370 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | +++++<br>245170 | 2188<br>472023 | 8765<br>2700323 | 25908<br>4082261 | 48224 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Hexachloroethane | CBZd5 | Ave | 802<br>152196 | 1158<br>289637 | 4174<br>1655562 | 17616<br>2480981 | 31475 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 412<br>113663 | 1213<br>232428 | 4472<br>1513004 | 12075<br>2379905 | 22403 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>167195 | 1645<br>347369 | 7418<br>2348459 | 15903<br>3780821 | 30478 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| Hexachlorobutadiene | CBZd5 | Ave | 1040<br>168893 | 2301<br>341675 | 8202<br>2164250 | 17671<br>3383757 | 34265 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1  Analy Batch No.: 687586

SDG No.:

Instrument ID: HP22820  GC Column: DB-624 30m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/19/2025 13:40  Calibration End Date: 08/19/2025 16:43  Calibration ID: 75973

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Naphthalene | CBZd5 | Ave | 1616<br>312459 | 3652<br>715303 | 14559<br>4965459 | 27989<br>8032455 | 52975 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>50.0 | 0.500<br>75.0 | 1.00 |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 112228<br>120550 | 115713<br>119772 | 122175<br>113405 | 112619<br>120765 | 114896 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 369291<br>419347 | 370405<br>427911 | 383699<br>422225 | 379037<br>442597 | 381682 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0<br>10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 0.4616 | +++++ 0.4716 | 0.4375 0.4376 | 0.3241 0.4391 | 0.3693 0.4381 | Ave | | 0.4224 | | | | 11.8 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3886 1.9610 | 2.1556 1.9313 | 2.0717 1.8356 | 1.9294 1.7813 | 1.8699 1.7224 | Ave | | 1.9647 | | | | 10.0 | | 30.0 | | | |
| Chlorodifluoromethane | 0.6621 1.0124 | 0.8088 1.0175 | 1.1220 0.9525 | 0.7738 0.9515 | 0.8087 0.9394 | Ave | | 0.9049 | | | | 15.3 | | 30.0 | | | |
| Freon-114 | 2.1129 1.9277 | 1.6856 1.9394 | 1.9097 1.8177 | 1.3977 1.8036 | 1.6015 1.7634 | Ave | | 1.7959 | | | | 11.2 | | 30.0 | | | |
| Chloromethane | +++++ 0.6101 | +++++ 0.5962 | +++++ 0.5529 | 0.4937 0.5558 | 0.5437 0.5497 | Ave | | 0.5574 | | | | 6.8 | | 30.0 | | | |
| Vinyl chloride | 0.5614 0.7107 | 0.6446 0.7065 | 0.8200 0.6667 | 0.6358 0.6654 | 0.6019 0.6611 | Ave | | 0.6674 | | | | 10.4 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.5109 | 0.6840 0.5052 | 0.6765 0.4840 | 0.5627 0.4793 | 0.4926 0.4729 | Ave | | 0.5409 | | | | 15.4 | | 30.0 | | | |
| Bromomethane | +++++ 0.5803 | 0.7351 0.5694 | 0.6567 0.5493 | 0.6439 0.5412 | 0.6131 0.5288 | Ave | | 0.6020 | | | | 11.1 | | 30.0 | | | |
| Chloroethane | +++++ 0.3630 | +++++ 0.3604 | 0.4903 0.3408 | 0.4304 0.3385 | 0.3804 0.3348 | Ave | | 0.3798 | | | | 14.3 | | 30.0 | | | |
| Bromoethene | +++++ 0.7706 | +++++ 0.7807 | 0.7986 0.7366 | 0.8320 0.7297 | 0.7656 0.7132 | Ave | | 0.7659 | | | | 5.1 | | 30.0 | | | |
| Dichlorofluoromethane | 1.6031 1.6123 | 1.8018 1.5954 | 1.7566 1.5450 | 1.7979 1.5151 | 1.6337 1.4768 | Ave | | 1.6338 | | | | 7.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Trichlorofluoromethane | 2.3823 1.9465 | 2.3667 1.9145 | 2.1032 1.8135 | 1.9661 1.7770 | 1.8529 1.7403 | Ave | | 1.9863 | | | | 11.6 | | 30.0 | | | |
| Pentane | +++++ 1.0752 | +++++ 1.0944 | 1.2777 1.0454 | 1.2954 1.0161 | 1.1806 0.9923 | Ave | | 1.1221 | | | | 10.4 | | 30.0 | | | |
| Ethanol | +++++ 0.1237 | +++++ 0.1330 | 0.1813 0.1430 | 0.1162 0.1427 | 0.1309 0.1462 | Ave | | 0.1396 | | | | 14.1 | | 30.0 | | | |
| Acrolein | +++++ 0.2707 | +++++ 0.2570 | 0.3572 0.2573 | 0.2955 0.2539 | 0.2929 0.2507 | Ave | | 0.2794 | | | | 12.9 | | 30.0 | | | |
| 1,1-Dichloroethene | +++++ 1.0907 | 1.4878 1.0752 | 1.1853 1.0430 | 1.3521 1.0194 | 1.1852 0.9921 | Ave | | 1.1590 | | | | 14.3 | | 30.0 | | | |
| Freon 113 | 1.3797 0.9895 | 1.0314 0.9668 | 1.2862 0.9003 | 0.8890 0.9007 | 0.8932 0.8995 | Ave | | 1.0136 | | | | 17.4 | | 30.0 | | | |
| Acetone | +++++ 1.0033 | +++++ 0.9796 | +++++ 0.9483 | 1.3494 0.9299 | 1.1358 0.9136 | Ave | | 1.0371 | | | | 15.1 | | 30.0 | | | |
| Isopropanol | +++++ 0.8117 | 1.2350 0.7982 | 1.0687 0.8005 | 0.9711 0.7848 | 0.8349 0.7916 | Ave | | 0.8996 | | | | 17.7 | | 30.0 | | | |
| Iodomethane | 1.8851 1.8048 | 1.6672 1.8195 | 1.5606 1.8861 | 2.0263 1.8667 | 1.8155 1.8462 | Ave | | 1.8178 | | | | 7.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 2.2735 | +++++ 2.2418 | 3.0725 2.1591 | 2.4524 2.1132 | 2.2920 2.0622 | Ave | | 2.3333 | | | | 13.8 | | 30.0 | | | |
| Acetonitrile | +++++ 0.2429 | +++++ 0.2385 | 0.2336 0.2482 | 0.2398 0.2440 | 0.2258 0.2489 | Ave | | 0.2402 | | | | 3.2 | | 30.0 | | | |
| 3-Chloroprene | +++++ 0.8601 | +++++ 0.8301 | 1.0274 0.8192 | 1.1007 0.7950 | 0.9274 0.7865 | Ave | | 0.8933 | | | | 13.0 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.6480 | +++++ 0.6240 | 0.7521 0.6083 | 0.7465 0.6049 | 0.6887 0.5974 | Ave | | 0.6587 | | | | 9.6 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 0.9440 | 1.5340 0.9350 | 1.3314 0.9089 | 0.9017 0.8974 | 0.8650 0.9051 | Ave | | 1.0247 | | | | 23.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5694 | +++++ 0.5566 | 0.5989 0.5630 | 0.6587 0.5560 | 0.5558 0.5557 | Ave | | 0.5768 | | | | 6.3 | | 30.0 | | | |
| Methyl t-butyl ether | 2.5938 2.1403 | 2.3633 2.1052 | 2.8216 2.0111 | 1.9736 1.9781 | 2.0155 1.9415 | Ave | | 2.1944 | | | | 13.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | +++++ 1.1460 | 1.6005 1.1287 | 1.2398 1.0901 | 1.3648 1.0639 | 1.2172 1.0477 | Ave | | 1.2110 | | | | 14.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Hexane | +++++ 0.5710 | +++++ 0.5580 | 0.6187 0.5430 | 0.7662 0.5225 | 0.6389 0.5156 | Ave | | 0.5917 | | | | 14.0 | | 30.0 | | | |
| Vinyl acetate | +++++ 0.1793 | 0.2793 0.1781 | 0.1697 0.1775 | 0.2099 0.1761 | 0.1923 0.1753 | Ave | | 0.1931 | | | | 17.9 | | 30.0 | | | |
| 1,1-Dichloroethane | +++++ 1.3422 | 1.6973 1.3021 | 1.5199 1.2792 | 1.6763 1.2420 | 1.4640 1.2185 | Ave | | 1.4157 | | | | 12.9 | | 30.0 | | | |
| di-Isopropyl ether | 1.8070 2.3548 | 2.5001 2.2876 | 2.4754 2.2056 | 2.2495 2.1491 | 2.2908 2.0963 | Ave | | 2.2416 | | | | 8.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 2.4472 2.4580 | 2.5341 2.3943 | 2.5976 2.3127 | 2.2595 2.2698 | 2.3722 2.2122 | Ave | | 2.3857 | | | | 5.2 | | 30.0 | | | |
| 2-Butanone | +++++ 0.3790 | 0.5173 0.3872 | 0.5094 0.3829 | 0.4491 0.3778 | 0.4281 0.3724 | Ave | | 0.4226 | | | | 13.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | +++++ 1.2816 | 1.8390 1.2505 | 1.3981 1.2317 | 1.6176 1.2064 | 1.3844 1.1723 | Ave | | 1.3757 | | | | 16.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.2107 | +++++ 0.2105 | 0.2726 0.2072 | 0.2919 0.2014 | 0.2411 0.1982 | Ave | | 0.2292 | | | | 15.5 | | 30.0 | | | |
| Methyl acrylate | 1.3910 1.3404 | 1.6033 1.3368 | 1.3851 1.3453 | 1.6822 1.3086 | 1.4609 1.2806 | Ave | | 1.4134 | | | | 9.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.7536 | +++++ 0.7290 | 1.1445 0.7413 | 0.9629 0.7193 | 0.8296 0.7176 | Ave | | 0.8247 | | | | 18.6 | | 30.0 | | | |
| Chloroform | +++++ 1.6399 | 2.4204 1.6050 | 1.7787 1.5921 | 2.0225 1.5333 | 1.8564 1.4955 | Ave | | 1.7715 | | | | 16.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 1.6054 | 1.9825 1.6003 | 1.8163 1.5509 | 1.7483 1.5256 | 1.5936 1.5035 | Ave | | 1.6585 | | | | 9.6 | | 30.0 | | | |
| Cyclohexane | +++++ 1.1824 | 1.4839 1.1595 | 1.4747 1.1153 | 1.3090 1.1040 | 1.1788 1.0889 | Ave | | 1.2329 | | | | 12.5 | | 30.0 | | | |
| Carbon tetrachloride | 2.4176 1.6187 | 2.0949 1.6054 | 1.9227 1.5825 | 1.7811 1.5680 | 1.6241 1.5410 | Ave | | 1.7756 | | | | 16.2 | | 30.0 | | | |
| Benzene | +++++ 0.6424 | 0.9010 0.6362 | 0.7893 0.6259 | 0.7565 0.6083 | 0.6954 0.5968 | Ave | | 0.6947 | | | | 14.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2788 | 0.4500 0.2760 | 0.3627 0.2749 | 0.3423 0.2689 | 0.3116 0.2658 | Ave | | 0.3145 | | | | 19.5 | | 30.0 | | | |
| Tert-amyl methyl ether | 0.6944 0.6154 | 0.5718 0.6181 | 0.6519 0.5993 | 0.5200 0.5914 | 0.5446 0.5908 | Ave | | 0.5998 | | | | 8.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Isooctane | 1.0293<br>0.9995 | 1.1200<br>0.9946 | 1.0738<br>0.9536 | 1.0982<br>0.9313 | 0.9841<br>0.9194 | Ave | | 1.0104 | | | | 6.8 | | 30.0 | | | |
| Heptane | +++++<br>0.2273 | 0.2674<br>0.2253 | 0.2836<br>0.2208 | 0.2687<br>0.2176 | 0.2422<br>0.2176 | Ave | | 0.2412 | | | | 10.6 | | 30.0 | | | |
| Trichloroethene | 0.4301<br>0.2910 | 0.4020<br>0.2939 | 0.3349<br>0.2932 | 0.3576<br>0.2872 | 0.3198<br>0.2850 | Ave | | 0.3295 | | | | 15.7 | | 30.0 | | | |
| Ethyl acrylate | 0.2683<br>0.4530 | 0.3722<br>0.4558 | 0.4403<br>0.4638 | 0.4630<br>0.4514 | 0.4650<br>0.4469 | Ave | | 0.4280 | | | | 14.6 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++<br>0.2473 | 0.3641<br>0.2414 | 0.3004<br>0.2429 | 0.2934<br>0.2380 | 0.2684<br>0.2378 | Ave | | 0.2704 | | | | 15.7 | | 30.0 | | | |
| Methyl methacrylate | 0.2140<br>0.2386 | 0.2831<br>0.2402 | 0.2585<br>0.2415 | 0.2515<br>0.2377 | 0.2396<br>0.2364 | Ave | | 0.2441 | | | | 7.3 | | 30.0 | | | |
| 1,4-Dioxane | +++++<br>0.1097 | 0.0960<br>0.1068 | 0.1222<br>0.1116 | 0.0845<br>0.1098 | 0.0946<br>0.1109 | Ave | | 0.1051 | | | | 10.8 | | 30.0 | | | |
| Dibromomethane | +++++<br>0.2758 | 0.4290<br>0.2716 | 0.3161<br>0.2769 | 0.3343<br>0.2714 | 0.3011<br>0.2694 | Ave | | 0.3051 | | | | 17.0 | | 30.0 | | | |
| Bromodichloromethane | +++++<br>0.4655 | 0.6993<br>0.4603 | 0.5022<br>0.4695 | 0.5609<br>0.4590 | 0.4957<br>0.4507 | Ave | | 0.5070 | | | | 15.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.6089<br>0.4150 | 0.5380<br>0.4130 | 0.4487<br>0.4237 | 0.4965<br>0.4109 | 0.4550<br>0.4056 | Ave | | 0.4615 | | | | 14.6 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 0.6393<br>0.4524 | 0.4075<br>0.4527 | 0.5270<br>0.4566 | 0.3889<br>0.4451 | 0.3945<br>0.4410 | Ave | | 0.4605 | | | | 16.1 | | 30.0 | | | |
| Toluene | +++++<br>0.9026 | +++++<br>0.8792 | 1.1388<br>0.8612 | 1.1320<br>0.8223 | 0.9883<br>0.7697 | Ave | | 0.9368 | | | | 14.7 | | 30.0 | | | |
| Octane | 0.7310<br>0.5166 | 0.6338<br>0.5125 | 0.5949<br>0.5030 | 0.5977<br>0.4926 | 0.5420<br>0.4743 | Ave | | 0.5598 | | | | 14.2 | | 30.0 | | | |
| trans-1,3-Dichloropropene | 0.4296<br>0.3587 | 0.4318<br>0.3593 | 0.4545<br>0.3685 | 0.4303<br>0.3641 | 0.3763<br>0.3536 | Ave | | 0.3927 | | | | 9.9 | | 30.0 | | | |
| Ethyl methacrylate | 0.2980<br>0.4370 | 0.4553<br>0.4335 | 0.4738<br>0.4419 | 0.3667<br>0.4358 | 0.3975<br>0.4238 | Ave | | 0.4163 | | | | 12.3 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.3055 | 0.4447<br>0.2996 | 0.3283<br>0.3050 | 0.3632<br>0.2992 | 0.3223<br>0.2928 | Ave | | 0.3290 | | | | 14.7 | | 30.0 | | | |
| Tetrachloroethene | 0.5810<br>0.4239 | 0.4782<br>0.4186 | 0.4355<br>0.4243 | 0.5156<br>0.4137 | 0.4539<br>0.4031 | Ave | | 0.4548 | | | | 12.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 2-Hexanone | 0.3888 0.4657 | 0.3262 0.4659 | 0.4208 0.4759 | 0.3718 0.4686 | 0.4168 0.4543 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Dibromochloromethane | 0.6432 0.4016 | 0.5520 0.4038 | 0.4465 0.4265 | 0.4695 0.4264 | 0.4200 0.4124 | Ave | | 0.4602 | | | | 17.0 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5881 0.4780 | 0.6311 0.4710 | 0.5407 0.4896 | 0.5704 0.4794 | 0.5197 0.4632 | Ave | | 0.5231 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | 0.9403 0.6904 | 0.8593 0.6771 | 0.7563 0.6975 | 0.8125 0.6666 | 0.7268 0.6269 | Ave | | 0.7454 | | | | 13.1 | | 30.0 | | | |
| Ethylbenzene | 1.2407 1.1369 | 1.4240 1.1182 | 1.2406 1.1140 | 1.3138 1.0313 | 1.1889 0.9136 | Ave | | 1.1722 | | | | 12.3 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3650 | +++++ 0.3646 | 0.4171 0.3715 | 0.4023 0.3712 | 0.3773 0.3631 | Ave | | 0.3790 | | | | 5.2 | | 30.0 | | | |
| m&p-Xylene | 0.8118 0.8454 | 0.8848 0.8275 | 0.8487 0.8325 | 0.9875 0.7517 | 0.8884 +++++ | Ave | | 0.8532 | | | | 7.6 | | 30.0 | | | |
| o-Xylene | 0.8312 0.8777 | 1.0086 0.8667 | 0.9854 0.8928 | 1.0270 0.8487 | 0.9094 0.7780 | Ave | | 0.9025 | | | | 9.0 | | 30.0 | | | |
| Styrene | 0.5975 0.6802 | 0.7162 0.6749 | 0.7855 0.7166 | 0.7737 0.6856 | 0.7239 0.6424 | Ave | | 0.6996 | | | | 8.1 | | 30.0 | | | |
| Bromoform | 0.5958 0.4863 | 0.5576 0.4918 | 0.5371 0.5447 | 0.5334 0.5383 | 0.5000 0.5193 | Ave | | 0.5304 | | | | 6.2 | | 30.0 | | | |
| Cumene | 1.3951 1.1848 | 1.3514 1.1729 | 1.3310 1.1849 | 1.3108 1.0819 | 1.2369 +++++ | Ave | | 1.2500 | | | | 8.2 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.5373 0.6303 | 0.7041 0.6283 | 0.7107 0.6758 | 0.6416 0.6521 | 0.6321 0.6137 | Ave | | 0.6426 | | | | 7.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1656 | +++++ 0.1645 | 0.1747 0.1765 | 0.1743 0.1759 | 0.1684 0.1742 | Ave | | 0.1718 | | | | 2.8 | | 30.0 | | | |
| Bromobenzene | 0.5174 0.4011 | 0.4256 0.3943 | 0.4387 0.4231 | 0.4520 0.4164 | 0.4160 0.3997 | Ave | | 0.4284 | | | | 8.4 | | 30.0 | | | |
| N-Propylbenzene | 0.3591 0.3266 | 0.3787 0.3252 | 0.3753 0.3502 | 0.3509 0.3452 | 0.3387 0.3354 | Ave | | 0.3485 | | | | 5.3 | | 30.0 | | | |
| 4-Ethyltoluene | 0.8909 1.1524 | 1.1171 1.1566 | 1.2294 1.2050 | 1.1770 1.0978 | 1.1687 0.9306 | Ave | | 1.1125 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.3004 | 0.4510 0.2944 | 0.3465 0.3195 | 0.3383 0.3178 | 0.3139 0.3085 | Ave | | 0.3323 | | | | 14.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.7331<br>0.9741 | 1.0288<br>0.9549 | 1.0846<br>1.0094 | 0.9701<br>0.9516 | 0.9669<br>0.8480 | Ave | | 0.9521 | | | | 10.3 | | 30.0 | | | |
| Alpha Methyl Styrene | 0.3652<br>0.4612 | 0.4835<br>0.4619 | 0.5561<br>0.5140 | 0.4636<br>0.5038 | 0.4472<br>0.4788 | Ave | | 0.4735 | | | | 10.5 | | 30.0 | | | |
| tert-Butylbenzene | 0.7551<br>0.9348 | 0.8358<br>0.9325 | 1.0373<br>0.9814 | 0.8852<br>0.9306 | 0.9033<br>0.8539 | Ave | | 0.9050 | | | | 8.7 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 0.8168<br>0.9823 | 1.1534<br>0.9752 | 1.0862<br>1.0423 | 0.9385<br>0.9802 | 0.9583<br>0.8749 | Ave | | 0.9808 | | | | 9.9 | | 30.0 | | | |
| sec-Butylbenzene | 1.0941<br>1.3891 | 1.5026<br>1.3782 | 1.6066<br>1.4308 | 1.3158<br>1.2762 | 1.3552<br>+++++ | Ave | | 1.3721 | | | | 10.5 | | 30.0 | | | |
| p-Isopropyltoluene | 1.1261<br>1.1342 | 1.0624<br>1.1296 | 1.2759<br>1.2057 | 1.0388<br>1.1044 | 1.0619<br>0.9545 | Ave | | 1.1094 | | | | 8.0 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.6835<br>0.6581 | 0.7352<br>0.6475 | 0.7435<br>0.7264 | 0.7012<br>0.7030 | 0.6579<br>0.6573 | Ave | | 0.6914 | | | | 5.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.7526<br>0.6614 | 0.8152<br>0.6561 | 0.7931<br>0.7453 | 0.7227<br>0.7123 | 0.6789<br>0.6658 | Ave | | 0.7203 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | 0.2166<br>0.1802 | 0.2075<br>0.1815 | 0.2275<br>0.2106 | 0.1736<br>0.2155 | 0.1813<br>0.2130 | Ave | | 0.2007 | | | | 9.7 | | 30.0 | | | |
| n-Butylbenzene | 0.7047<br>0.5782 | 0.5746<br>0.5772 | 0.6788<br>0.6490 | 0.4938<br>0.6346 | 0.5220<br>0.6006 | Ave | | 0.6013 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.6451<br>0.6241 | 0.6794<br>0.6186 | 0.7030<br>0.6948 | 0.6005<br>0.6754 | 0.5942<br>0.6377 | Ave | | 0.6473 | | | | 6.0 | | 30.0 | | | |
| Hexachloroethane | 0.4817<br>0.3686 | 0.4336<br>0.3718 | 0.4329<br>0.4487 | 0.3823<br>0.4495 | 0.3566<br>0.4403 | Ave | | 0.4166 | | | | 10.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.3765<br>0.3284 | 0.3603<br>0.3325 | 0.3859<br>0.3889 | 0.2557<br>0.3908 | 0.2872<br>0.3830 | Ave | | 0.3489 | | | | 13.5 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.5037 | 0.6582<br>0.5047 | 0.6443<br>0.5892 | 0.4377<br>0.5906 | 0.4752<br>0.5633 | Ave | | 0.5519 | | | | 13.8 | | 30.0 | | | |
| Hexachlorobutadiene | 0.4179<br>0.3989 | 0.4567<br>0.3997 | 0.4569<br>0.4785 | 0.3342<br>0.4776 | 0.3661<br>0.4684 | Ave | | 0.4255 | | | | 11.8 | | 30.0 | | | |
| Naphthalene | +++++<br>1.1771 | +++++<br>1.1672 | 1.7498<br>1.3342 | 1.0722<br>1.2750 | 1.0850<br>+++++ | Ave | | 1.2658 | | | | 18.4 | | 30.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 1.3050<br>1.3026 | 1.2961<br>1.2674 | 1.3028<br>1.2724 | 1.2950<br>1.2568 | 1.2841<br>1.2447 | Ave | | 1.2827 | | | | 1.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.1295 1.1379 | 1.1254 1.1243 | 1.1384 1.1106 | 1.1328 1.1224 | 1.1324 1.1101 | Ave | | 1.1264 | | | | 0.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-669024/3 | 7L10X03.D |
| Level 2 | IC 410-669024/4 | 7L10X04.D |
| Level 3 | IC 410-669024/5 | 7L10X05.D |
| Level 4 | IC 410-669024/6 | 7L10X06.D |
| Level 5 | IC 410-669024/7 | 7L10X07.D |
| Level 6 | IC 410-669024/8 | 7L10X08.D |
| Level 7 | ICISAV 410-669024/9 | 7L10X09.D |
| Level 8 | IC 410-669024/10 | 7L10X10.D |
| Level 9 | IC 410-669024/11 | 7L10X11.D |
| Level 10 | IC 410-669024/20 | 7L10X12.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| Propene | CBM | Ave | +++++<br>145579 | +++++<br>304896 | 5464<br>709009 | 10108<br>1470102 | 23280<br>2259755 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorodifluoromethane | CBM | Ave | 3795<br>618421 | 6788<br>1248693 | 25873<br>2974160 | 60182<br>5963500 | 117884<br>8884152 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chlorodifluoromethane | CBM | Ave | 1052<br>319275 | 2547<br>657865 | 14013<br>1543304 | 24136<br>3185472 | 50981<br>4845332 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon-114 | CBM | Ave | 3357<br>607895 | 5308<br>1253921 | 23850<br>2945227 | 43597<br>6038067 | 100967<br>9095798 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloromethane | CBM | Ave | +++++<br>192389 | +++++<br>385486 | +++++<br>895925 | 15400<br>1860708 | 34276<br>2835335 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl chloride | CBM | Ave | 892<br>224115 | 2030<br>456786 | 10241<br>1080251 | 19832<br>2227707 | 37948<br>3410098 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Butadiene | CBM | Ave | +++++<br>161119 | 2154<br>326629 | 8449<br>784206 | 17553<br>1604654 | 31057<br>2439142 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromomethane | CBM | Ave | +++++<br>183011 | 2315<br>368110 | 8202<br>890037 | 20086<br>1811771 | 38651<br>2727556 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Chloroethane | CBM | Ave | +++++<br>114463 | +++++<br>233040 | 6123<br>552116 | 13424<br>1133145 | 23980<br>1726767 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromoethene | CBM | Ave | +++++<br>243000 | +++++<br>504762 | 9974<br>1193475 | 25952<br>2442814 | 48266<br>3678677 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Dichlorofluoromethane | CBM | Ave | 2547<br>508460 | 5674<br>1031482 | 21938<br>2503386 | 56079<br>5072350 | 102992<br>7617337 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Trichlorofluoromethane | CBM | Ave | 3785<br>613842 | 7453<br>1237795 | 26267<br>2938368 | 61327<br>5949261 | 116816<br>8976443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Pentane | CBM | Ave | +++++<br>339076 | +++++<br>707589 | 15957<br>1693822 | 40407<br>3401785 | 74431<br>5118211 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethanol | CBM | Ave | +++++ | +++++ | 2626 | 4205 | 9576 | +++++ | +++++ | 0.232 | 0.580 | 1.16 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 45243 | 99753 | 268765 | 554348 | 874987 | 5.80 | 11.6 | 29.0 | 58.0 | 87.0 |
| Acrolein | CBM | Ave | +++++<br>99014 | +++++<br>192740 | 5175<br>483641 | 10693<br>985957 | 21422<br>1499881 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 1,1-Dichloroethene | CBM | Ave | +++++<br>343961 | 4685<br>695190 | 14803<br>1689947 | 42175<br>3412697 | 74721<br>5117343 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Freon 113 | CBM | Ave | 2192<br>312030 | 3248<br>625046 | 16063<br>1458756 | 27730<br>3015567 | 56309<br>4639898 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetone | CBM | Ave | +++++<br>316408 | +++++<br>633341 | +++++<br>1536541 | 42091<br>3113242 | 71605<br>4712362 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Isopropanol | CBM | Ave | +++++<br>255964 | 3889<br>516072 | 13347<br>1297018 | 30291<br>2627537 | 52638<br>4083264 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Iodomethane | CBM | Ave | 2995<br>569157 | 5250<br>1176406 | 19490<br>3056034 | 63205<br>6249409 | 114457<br>9522769 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Carbon disulfide | CBM | Ave | +++++<br>716955 | +++++<br>1449418 | 38372<br>3498347 | 76496<br>7074816 | 144493<br>10637042 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Acetonitrile | CBM | Ave | +++++<br>88850 | +++++<br>178881 | 3384<br>466427 | 8678<br>947552 | 16516<br>1489308 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| 3-Chloroprene | CBM | Ave | +++++<br>271251 | +++++<br>536674 | 12831<br>1327264 | 34333<br>2661513 | 58465<br>4056563 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methylene Chloride | CBM | Ave | +++++<br>204346 | +++++<br>403457 | 9393<br>985572 | 23286<br>2025002 | 43418<br>3081485 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| tert-Butyl alcohol | CBM | Ave | +++++<br>339373 | 5507<br>689181 | 18955<br>1678816 | 32063<br>3425044 | 62169<br>5322007 | +++++<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570<br>57.0 | 1.14<br>85.5 |
| Acrylonitrile | CBM | Ave | +++++<br>179576 | +++++<br>359872 | 7480<br>912173 | 20546<br>1861483 | 35038<br>2866505 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Methyl t-butyl ether | CBM | Ave | 4121<br>674954 | 7442<br>1361121 | 35239<br>3258510 | 61562<br>6622272 | 127066<br>10014099 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| trans-1,2-Dichloroethene | CBM | Ave | +++++<br>361390 | 5040<br>729721 | 15484<br>1766338 | 42572<br>3561680 | 76739<br>5404236 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexane | CBM | Ave | +++++<br>180068 | +++++<br>360775 | 7727<br>879844 | 23899<br>1749205 | 40278<br>2659267 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Vinyl acetate | CBM | Ave | +++++<br>63894 | 994<br>130146 | 2395<br>324968 | 7399<br>666258 | 13697<br>1021868 | +++++<br>5.65 | 0.0565<br>11.3 | 0.226<br>28.3 | 0.565<br>56.5 | 1.13<br>84.8 |
| 1,1-Dichloroethane | CBM | Ave | +++++<br>423257 | 5345<br>841860 | 18982<br>2072645 | 52286<br>4157929 | 92293<br>6285188 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| di-Isopropyl ether | CBM | Ave | 2871<br>742613 | 7873<br>1479012 | 30915<br>3573695 | 70168<br>7194885 | 144421<br>10812652 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Ethyl tert-butyl ether | CBM | Ave | 3888<br>775137 | 7980<br>1547996 | 32441<br>3747181 | 70478<br>7599049 | 149550<br>11410476 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Butanone | CBM | Ave | +++++ | 1629 | 6362 | 14007 | 26986 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 119515 | 250325 | 620481 | 1264886 | 1920603 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,2-Dichloroethene | CBM | Ave | +++++ | 5791 | 17461 | 50457 | 87279 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 404174 | 808526 | 1995716 | 4038786 | 6046936 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acetate | CBM | Ave | +++++ | +++++ | 3404 | 9105 | 15200 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 66456 | 136109 | 335782 | 674260 | 1022487 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl acrylate | CBM | Ave | 2210 | 5049 | 17299 | 52470 | 92101 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 422702 | 864279 | 2179824 | 4380963 | 6605142 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrahydrofuran | CBM | Ave | +++++ | +++++ | 14293 | 30035 | 52301 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 237643 | 471342 | 1201119 | 2408036 | 3701458 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chloroform | CBM | Ave | +++++ | 7622 | 22214 | 63086 | 117031 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 517154 | 1037710 | 2579692 | 5133276 | 7713687 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1-Trichloroethane | CBM | Ave | +++++ | 6243 | 22684 | 54533 | 100468 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 506260 | 1034692 | 2512952 | 5107575 | 7755186 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cyclohexane | CBM | Ave | +++++ | 4673 | 18418 | 40830 | 74317 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 372863 | 749685 | 1807023 | 3695935 | 5616565 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Carbon tetrachloride | CBM | Ave | 3841 | 6597 | 24012 | 55557 | 102388 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510457 | 1037929 | 2564026 | 5249325 | 7948411 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Benzene | DFBZ | Ave | +++++ | 10974 | 37809 | 91118 | 168757 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 770679 | 1538869 | 3814292 | 7609819 | 11313102 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++ | 5481 | 17372 | 41233 | 75616 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334478 | 667477 | 1674880 | 3363620 | 5037998 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tert-amyl methyl ether | DFBZ | Ave | 4222 | 6964 | 31229 | 62641 | 132165 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 738233 | 1495113 | 3652115 | 7398493 | 11199682 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Isooctane | DFBZ | Ave | 6258 | 13642 | 51438 | 132281 | 238802 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1199122 | 2405725 | 5810989 | 11650104 | 17428199 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Heptane | DFBZ | Ave | +++++ | 3257 | 13583 | 32367 | 58773 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 272724 | 544971 | 1345787 | 2722240 | 4124515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Trichloroethene | DFBZ | Ave | 2615 | 4896 | 16044 | 43073 | 77615 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 349165 | 710856 | 1786962 | 3593223 | 5402765 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl acrylate | DFBZ | Ave | 1631 | 4534 | 21091 | 55774 | 112851 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 543503 | 1102538 | 2826006 | 5646524 | 8471122 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++ | 4435 | 14389 | 35340 | 65123 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 296699 | 583877 | 1480333 | 2977686 | 4508279 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Methyl methacrylate | DFBZ | Ave | 1301 | 3448 | 12384 | 30292 | 58152 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 286246 | 581021 | 1471770 | 2973908 | 4481059 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,4-Dioxane | DFBZ | Ave | +++++ | 1169 | 5854 | 10181 | 22957 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 131648 | 258403 | 679813 | 1373960 | 2102812 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromomethane | DFBZ | Ave | +++++ | 5225 | 15144 | 40263 | 73078 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 330866 | 657002 | 1687394 | 3394883 | 5106752 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromodichloromethane | DFBZ | Ave | +++++ | 8518 | 24056 | 67561 | 120291 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 558467 | 1113295 | 2860777 | 5741254 | 8543836 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 3702 | 6553 | 21492 | 59802 | 110409 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 497914 | 998840 | 2581771 | 5140528 | 7689240 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 4-Methyl-2-pentanone | DFBZ | Ave | 3887 | 4963 | 25244 | 46840 | 95730 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 542786 | 1094945 | 2782662 | 5568189 | 8358629 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Toluene | CBZd5 | Ave | +++++ | +++++ | 49734 | 124970 | 218522 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 988633 | 1956957 | 4896675 | 9496775 | 13651289 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Octane | CBZd5 | Ave | 4114 | 7106 | 25979 | 65987 | 119835 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 565905 | 1140581 | 2859730 | 5688893 | 8412643 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | 2418 | 4841 | 19850 | 47506 | 83200 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 392952 | 799795 | 2095230 | 4205144 | 6271524 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethyl methacrylate | CBZd5 | Ave | 1677 | 5105 | 20690 | 40481 | 87887 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 478726 | 964852 | 2512533 | 5032815 | 7516821 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | +++++ | 4986 | 14339 | 40101 | 71255 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 334664 | 666852 | 1734046 | 3455893 | 5193486 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Tetrachloroethene | CBZd5 | Ave | 3270 | 5361 | 19019 | 56928 | 100355 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 464291 | 931724 | 2412437 | 4777497 | 7150140 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 2-Hexanone | CBZd5 | Ave | 2188 | 3657 | 18375 | 41048 | 92151 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 510073 | 1036885 | 2705744 | 5411891 | 8057324 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Dibromochloromethane | CBZd5 | Ave | 3620 | 6189 | 19499 | 51830 | 92869 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 439918 | 898660 | 2425041 | 4924159 | 7314340 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3310 | 7075 | 23611 | 62975 | 114904 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 523568 | 1048354 | 2783954 | 5537023 | 8215042 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Chlorobenzene | CBZd5 | Ave | 5292 | 9634 | 33027 | 89702 | 160689 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 756204 | 1507037 | 3966054 | 7698999 | 11119010 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Ethylbenzene | CBZd5 | Ave | 6983 | 15965 | 54180 | 145043 | 262867 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1245276 | 2488828 | 6333864 | 11911190 | 16204050 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | +++++ | +++++ | 18214 | 44415 | 83430 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 399769 | 811527 | 2112573 | 4286860 | 6439475 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| m&p-Xylene | CBZd5 | Ave | 9138 | 19839 | 74128 | 218051 | 392876 | 0.0500 | 0.100 | 0.400 | 1.00 | 2.00 |
| | | | 1852052 | 3683549 | 9466924 | 17363616 | +++++ | 10.0 | 20.0 | 50.0 | 100 | +++++ |
| o-Xylene | CBZd5 | Ave | 4678 | 11308 | 43033 | 113380 | 201069 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 961436 | 1928973 | 5076177 | 9801537 | 13799280 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Styrene | CBZd5 | Ave | 3363 | 8030 | 34302 | 85412 | 160050 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 745117 | 1502190 | 4074257 | 7917841 | 11393515 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Bromoform | CBZd5 | Ave | 3353 | 6251 | 23455 | 58883 | 110559 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 532714 | 1094593 | 3097347 | 6217338 | 9211212 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Cumene | CBZd5 | Ave | 7852 | 15151 | 58125 | 144714 | 273488 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |
| | | | 1297809 | 2610576 | 6737084 | 12495106 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 3024 | 7894 | 31038 | 70837 | 139751 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 690454 | 1398375 | 3842560 | 7530974 | 10885762 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | +++++<br>181370 | +++++<br>366215 | 7630<br>1003698 | 19242<br>2031786 | 37243<br>3089597 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Bromobenzene | CBZd5 | Ave | 2912<br>439385 | 4771<br>877697 | 19160<br>2405567 | 49896<br>4809305 | 91977<br>7089502 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| N-Propylbenzene | CBZd5 | Ave | 2021<br>357764 | 4246<br>723760 | 16388<br>1991399 | 38738<br>3987379 | 74895<br>5948052 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 4-Ethyltoluene | CBZd5 | Ave | 5014<br>1262252 | 12524<br>2574179 | 53688<br>6851380 | 129944<br>12678454 | 258401<br>16505264 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 2-Chlorotoluene | CBZd5 | Ave | +++++<br>329010 | 5056<br>655345 | 15134<br>1816556 | 37351<br>3670126 | 69406<br>5471697 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 4126<br>1066941 | 11534<br>2125291 | 47365<br>5739519 | 107097<br>10990668 | 213789<br>15039944 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Alpha Methyl Styrene | CBZd5 | Ave | 2384<br>585971 | 6288<br>1192658 | 28173<br>3390432 | 59377<br>6749731 | 114699<br>9850079 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580<br>58.0 | 1.16<br>87.0 |
| tert-Butylbenzene | CBZd5 | Ave | 4250<br>1023931 | 9370<br>2075431 | 45299<br>5579938 | 97723<br>10747584 | 199722<br>15145230 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 4597<br>1075978 | 12931<br>2170440 | 47436<br>5926586 | 103615<br>11321141 | 211891<br>15516930 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| sec-Butylbenzene | CBZd5 | Ave | 6158<br>1521591 | 16846<br>3067479 | 70164<br>8135181 | 145265<br>14739942 | 299635<br>+++++ | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>+++++ |
| p-Isopropyltoluene | CBZd5 | Ave | 6338<br>1242326 | 11911<br>2514202 | 55718<br>6855392 | 114687<br>12755351 | 234796<br>16929717 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 3847<br>720879 | 8243<br>1441052 | 32469<br>4129994 | 77413<br>8119182 | 145455<br>11658756 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 4236<br>724515 | 9139<br>1460208 | 34636<br>4237897 | 79790<br>8226172 | 150097<br>11808651 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Benzyl chloride | CBZd5 | Ave | 1219<br>197359 | 2326<br>404074 | 9936<br>1197251 | 19162<br>2488585 | 40096<br>3778463 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| n-Butylbenzene | CBZd5 | Ave | 3966<br>633323 | 6442<br>1284654 | 29646<br>3690073 | 54519<br>7329011 | 115408<br>10652365 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 3631<br>683626 | 7617<br>1376899 | 30702<br>3950362 | 66297<br>7800809 | 131381<br>11311399 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachloroethane | CBZd5 | Ave | 2711<br>403744 | 4861<br>827605 | 18907<br>2551152 | 42208<br>5191325 | 78835<br>7809763 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 2119<br>359724 | 4039<br>740034 | 16851<br>2211083 | 28235<br>4513160 | 63507<br>6792314 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | +++++<br>551755 | 7379<br>1123261 | 28139<br>3350025 | 48320<br>6820814 | 105078<br>9991243 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500<br>50.0 | 1.00<br>75.0 |
| Hexachlorobutadiene | CBZd5 | Ave | 2352 | 5120 | 19954 | 36896 | 80940 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1  Analy Batch No.: 669024

SDG No.:

Instrument ID: HP8R004  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2025 11:42  Calibration End Date: 07/10/2025 16:26  Calibration ID: 74597

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| | | | 436918 | 889606 | 2720679 | 5516454 | 8308420 | 5.00 | 10.0 | 25.0 | 50.0 | 75.0 |
| Naphthalene | CBZd5 | Ave | +++++ | +++++ | 76415 | 118371 | 239891 | +++++ | +++++ | 0.200 | 0.500 | 1.00 |
| | | | 1289355 | 2597902 | 7586076 | 14726053 | +++++ | 5.00 | 10.0 | 25.0 | 50.0 | +++++ |
| 1,2-Dichloroethane-d4 (Surr) | CBM | Ave | 829343 | 816320 | 813562 | 807871 | 809573 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 821576 | 819408 | 824674 | 841497 | 856058 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Toluene-d8 (Surr) | CBZd5 | Ave | 2542788 | 2523489 | 2485760 | 2501218 | 2503796 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 2492862 | 2502360 | 2526005 | 2592587 | 2625229 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-692668/3 | 6G29X03.D |
| Level 2 | IC 410-692668/4 | 6G29X04.D |
| Level 3 | IC 410-692668/5 | 6G29X05.D |
| Level 4 | IC 410-692668/6 | 6G29X06.D |
| Level 5 | IC 410-692668/7 | 6G29X07.D |
| Level 6 | ICISAV 410-692668/8 | 6G29X08.D |
| Level 7 | IC 410-692668/9 | 6G29X09.D |
| Level 8 | IC 410-692668/10 | 6G29X10.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propene | +++++ 1.0725 | 1.3883 1.1064 | 1.1649 1.0972 | 1.1437 | 1.1129 | Ave | | 1.1551 | | | | 9.3 | | 30.0 | | | |
| Dichlorodifluoromethane | 2.3243 2.8544 | 2.7239 2.8919 | 2.8602 2.7794 | 2.7729 | 2.7784 | Ave | | 2.7482 | | | | 6.6 | | 30.0 | | | |
| Chlorodifluoromethane | +++++ 1.9624 | 2.1848 2.0082 | 1.9651 2.0387 | 2.0166 | 1.9198 | Ave | | 2.0137 | | | | 4.2 | | 30.0 | | | |
| Freon-114 | 2.8132 3.0578 | 2.8547 3.2475 | 2.9820 3.4426 | 3.2403 | 3.0496 | Ave | | 3.0860 | | | | 6.9 | | 30.0 | | | |
| Chloromethane | +++++ 1.1377 | +++++ 1.0999 | 1.5386 0.7753 | 1.2045 | 1.1879 | Qua | -0.058 | 1.2987 | -0.020818 | | | 24.1 | | | | | 0.9900 |
| Vinyl chloride | +++++ 1.2185 | 1.4609 1.2300 | 1.4045 1.2222 | 1.2951 | 1.3158 | Ave | | 1.3067 | | | | 7.3 | | 30.0 | | | |
| 1,3-Butadiene | +++++ 0.9273 | 1.1041 0.9658 | 1.2886 0.9608 | 1.1286 | 1.0188 | Ave | | 1.0563 | | | | 12.0 | | 30.0 | | | |
| Bromomethane | +++++ 0.7722 | +++++ 0.8440 | 0.8481 0.8194 | 0.8036 | 0.7352 | Ave | | 0.8037 | | | | 5.4 | | 30.0 | | | |
| Chloroethane | +++++ 0.6549 | +++++ 0.7458 | 0.8620 0.6300 | 0.6982 | 0.6400 | Ave | | 0.7051 | | | | 12.5 | | 30.0 | | | |
| Bromoethene | 1.1054 1.0149 | 1.0962 1.0277 | 1.0192 1.0313 | 1.0984 | 0.9977 | Ave | | 1.0489 | | | | 4.2 | | 30.0 | | | |
| Trichlorofluoromethane | 2.9789 2.6257 | 2.5636 2.7598 | 2.6784 2.8887 | 2.7452 | 2.7512 | Ave | | 2.7489 | | | | 4.9 | | 30.0 | | | |
| Dichlorofluoromethane | 2.9177 2.6315 | 2.9823 2.7354 | 3.0025 2.7628 | 2.7890 | 2.6349 | Ave | | 2.8070 | | | | 5.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Pentane | 3.1461<br>2.2477 | 2.1564<br>2.3601 | 2.4183<br>2.3346 | 2.3939 | 2.3332 | Ave | | 2.4238 | | | | 12.5 | | 30.0 | | | |
| Ethanol | +++++<br>0.4341 | +++++<br>0.4537 | 0.6818<br>0.4641 | 0.5862 | 0.4696 | Ave | | 0.5149 | | | | 19.0 | | 30.0 | | | |
| Freon 113 | 1.2540<br>1.2877 | 1.3740<br>1.3199 | 1.2298<br>1.3394 | 1.3496 | 1.3691 | Ave | | 1.3154 | | | | 4.1 | | 30.0 | | | |
| Acrolein | 0.8757<br>0.4962 | 0.8006<br>0.5139 | 0.6906<br>0.5230 | 0.5227 | 0.5092 | Ave | | 0.6165 | | | | 24.6 | | 30.0 | | | |
| 1,1-Dichloroethene | 2.2273<br>1.8129 | 1.7743<br>1.8815 | 1.8769<br>1.9125 | 1.9301 | 1.8315 | Ave | | 1.9059 | | | | 7.3 | | 30.0 | | | |
| Acetone | +++++<br>2.1027 | +++++<br>2.1551 | +++++<br>2.1164 | 3.1884 | 2.3056 | Ave | | 2.3737 | | | | 19.5 | | 30.0 | | | |
| Iodomethane | 1.8996<br>2.3086 | 2.0342<br>2.0793 | 2.4006<br>1.7517 | 1.8358 | 2.5040 | Ave | | 2.1017 | | | | 13.1 | | 30.0 | | | |
| Carbon disulfide | 4.0149<br>3.4797 | 3.9109<br>3.5937 | 4.0590<br>3.5636 | 3.8436 | 3.4173 | Ave | | 3.7353 | | | | 6.7 | | 30.0 | | | |
| Isopropanol | +++++<br>2.7030 | 4.4569<br>2.8016 | 3.3590<br>2.8311 | 3.2157 | 2.7064 | Ave | | 3.1534 | | | | 20.0 | | 30.0 | | | |
| 3-Chloroprene | 2.5960<br>1.7269 | 1.9156<br>1.8014 | 1.8461<br>1.8133 | 1.8168 | 1.8290 | Ave | | 1.9181 | | | | 14.5 | | 30.0 | | | |
| Acetonitrile | +++++<br>1.1287 | +++++<br>1.1547 | 1.2979<br>1.1680 | 1.1961 | 1.0695 | Ave | | 1.1692 | | | | 6.5 | | 30.0 | | | |
| Methylene Chloride | 1.3764<br>0.9429 | 1.0764<br>0.9525 | 1.1248<br>0.9612 | 1.0684 | 0.9376 | Ave | | 1.0550 | | | | 14.1 | | 30.0 | | | |
| tert-Butyl alcohol | 3.4073<br>2.7109 | 3.0375<br>2.7983 | 2.8527<br>2.8664 | 2.7122 | 2.9048 | Ave | | 2.9113 | | | | 7.8 | | 30.0 | | | |
| Methyl t-butyl ether | 4.4314<br>3.3955 | 4.1097<br>3.4798 | 3.6782<br>3.5458 | 3.4992 | 3.6384 | Ave | | 3.7222 | | | | 9.7 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.9989<br>1.8982 | 1.9073<br>1.9594 | 1.8625<br>1.9662 | 1.9244 | 1.9746 | Ave | | 1.9364 | | | | 2.4 | | 30.0 | | | |
| Acrylonitrile | 1.3711<br>1.1041 | 1.2989<br>1.1354 | 1.2932<br>1.0924 | 1.1376 | 1.1040 | Ave | | 1.1921 | | | | 9.3 | | 30.0 | | | |
| Hexane | +++++<br>1.0584 | 1.6496<br>1.0700 | 1.2459<br>1.1004 | 1.1410 | 1.1797 | Ave | | 1.2064 | | | | 17.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| di-Isopropyl ether | 5.8369 4.7480 | 5.6997 4.8609 | 5.1330 4.8914 | 4.8482 | 5.2475 | Ave | | 5.1582 | | | | 8.0 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.5034 2.1726 | 2.0572 2.2547 | 2.2923 2.3097 | 2.2934 | 2.2792 | Ave | | 2.2703 | | | | 5.6 | | 30.0 | | | |
| Vinyl acetate | 0.2596 0.2823 | 0.3712 0.3002 | 0.2443 0.3048 | 0.2886 | 0.3098 | Ave | | 0.2951 | | | | 12.9 | | 30.0 | | | |
| Ethyl tert-butyl ether | 4.5210 4.2573 | 4.3979 4.3679 | 4.3262 4.4232 | 4.2668 | 4.4459 | Ave | | 4.3758 | | | | 2.1 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.9369 1.6785 | 1.7952 1.7392 | 1.6822 1.7666 | 1.7441 | 1.7754 | Ave | | 1.7648 | | | | 4.6 | | 30.0 | | | |
| 2-Butanone | 0.9867 0.6451 | 0.7324 0.6673 | 0.6467 0.6980 | 0.6423 | 0.7439 | Ave | | 0.7203 | | | | 15.9 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.3254 | 0.5053 0.3459 | 0.3963 0.3511 | 0.3573 | 0.3544 | Ave | | 0.3765 | | | | 16.1 | | 30.0 | | | |
| Methyl acrylate | 2.9953 2.4343 | 2.9143 2.5421 | 2.5652 2.5935 | 2.5013 | 2.6696 | Ave | | 2.6520 | | | | 7.5 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 1.6349 | +++++ 1.6804 | 1.7468 1.7225 | 1.6865 | 1.7929 | Ave | | 1.7106 | | | | 3.2 | | 30.0 | | | |
| Chloroform | 2.6482 2.3034 | 2.1751 2.4103 | 2.2945 2.4732 | 2.3616 | 2.4632 | Ave | | 2.3912 | | | | 6.0 | | 30.0 | | | |
| Cyclohexane | 3.1050 2.1519 | 2.5690 2.1967 | 2.3805 2.2113 | 2.2130 | 2.3163 | Ave | | 2.3930 | | | | 13.3 | | 30.0 | | | |
| 1,1,1-Trichloroethane | 2.9811 2.2499 | 2.6204 2.3359 | 2.1567 2.3628 | 2.3009 | 2.4614 | Ave | | 2.4336 | | | | 10.7 | | 30.0 | | | |
| Carbon tetrachloride | 2.4228 2.1108 | 2.3540 2.1517 | 2.0522 2.1587 | 2.0219 | 2.3547 | Ave | | 2.2034 | | | | 6.9 | | 30.0 | | | |
| Isooctane | 1.4211 1.5931 | 1.5227 1.5750 | 1.6125 1.5351 | 1.5403 | 1.6897 | Ave | | 1.5612 | | | | 5.0 | | 30.0 | | | |
| Benzene | 0.9326 0.8529 | 0.9734 0.8496 | 0.8987 0.8302 | 0.8686 | 0.9640 | Ave | | 0.8962 | | | | 6.1 | | 30.0 | | | |
| Tert-amyl methyl ether | 1.2114 0.8977 | 0.9260 0.8887 | 0.9341 0.8702 | 0.8564 | 0.9725 | Ave | | 0.9446 | | | | 12.1 | | 30.0 | | | |
| 1,2-Dichloroethane | 0.5241 0.3977 | 0.4780 0.3922 | 0.3880 0.3840 | 0.3948 | 0.4432 | Ave | | 0.4253 | | | | 12.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Heptane | 0.4803 0.3248 | 0.3622 0.3234 | 0.3216 0.3170 | 0.3094 | 0.3739 | Ave | | 0.3516 | | | | 16.2 | | 30.0 | | | |
| Trichloroethene | 0.3967 0.3211 | 0.3511 0.3153 | 0.3026 0.3135 | 0.3085 | 0.3581 | Ave | | 0.3334 | | | | 9.7 | | 30.0 | | | |
| Ethyl acrylate | 1.0137 0.7294 | 0.8812 0.7388 | 0.7638 0.7360 | 0.7183 | 0.8230 | Ave | | 0.8005 | | | | 12.8 | | 30.0 | | | |
| 1,2-Dichloropropane | 0.5410 0.3607 | 0.4672 0.3550 | 0.3666 0.3476 | 0.3685 | 0.3990 | Ave | | 0.4007 | | | | 17.1 | | 30.0 | | | |
| Methyl methacrylate | 0.4862 0.3430 | 0.3978 0.3473 | 0.3269 0.3451 | 0.3366 | 0.4027 | Ave | | 0.3732 | | | | 14.4 | | 30.0 | | | |
| 1,4-Dioxane | 0.2421 0.2023 | 0.2763 0.1988 | 0.2006 0.1975 | 0.1974 | 0.2352 | Ave | | 0.2188 | | | | 13.4 | | 30.0 | | | |
| Dibromomethane | 0.3707 0.2743 | 0.3899 0.2723 | 0.2848 0.2715 | 0.2724 | 0.3013 | Ave | | 0.3047 | | | | 15.8 | | 30.0 | | | |
| Bromodichloromethane | 0.8292 0.5961 | 0.6042 0.5978 | 0.5873 0.5927 | 0.5894 | 0.6646 | Ave | | 0.6327 | | | | 13.2 | | 30.0 | | | |
| cis-1,3-Dichloropropene | 0.7599 0.5590 | 0.6006 0.5593 | 0.5276 0.5574 | 0.5293 | 0.6153 | Ave | | 0.5886 | | | | 12.9 | | 30.0 | | | |
| 4-Methyl-2-pentanone | 1.0759 0.8507 | 0.8814 0.8446 | 0.8202 0.8325 | 0.8076 | 0.9747 | Ave | | 0.8859 | | | | 10.5 | | 30.0 | | | |
| Toluene | 1.3615 1.0234 | 1.1318 1.0091 | 0.9477 0.9645 | 1.0358 | 1.1564 | Ave | | 1.0788 | | | | 12.6 | | 30.0 | | | |
| Octane | 1.1289 0.8896 | 0.9971 0.8692 | 0.8447 0.8194 | 0.8547 | 1.0069 | Ave | | 0.9263 | | | | 11.6 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.4443 | 0.5171 0.4560 | 0.4897 0.4476 | 0.4797 | 0.4713 | Ave | | 0.4722 | | | | 5.5 | | 30.0 | | | |
| Ethyl methacrylate | 0.7469 0.5715 | 0.5897 0.5878 | 0.5062 0.5719 | 0.5337 | 0.6114 | Ave | | 0.5899 | | | | 12.2 | | 30.0 | | | |
| 1,1,2-Trichloroethane | 0.4356 0.3390 | 0.3467 0.3409 | 0.3218 0.3299 | 0.3325 | 0.3757 | Ave | | 0.3528 | | | | 10.5 | | 30.0 | | | |
| Tetrachloroethene | 0.5813 0.4127 | 0.5751 0.4119 | 0.4806 0.4120 | 0.4776 | 0.4585 | Ave | | 0.4762 | | | | 14.5 | | 30.0 | | | |
| 2-Hexanone | +++++ 0.8206 | 0.9396 0.8176 | 0.8299 0.7830 | 0.8044 | 0.8755 | Ave | | 0.8387 | | | | 6.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromochloromethane | 0.4692 0.4071 | 0.3944 0.4108 | 0.3725 0.4086 | 0.3816 | 0.4224 | Ave | | 0.4083 | | | | 7.2 | | 30.0 | | | |
| 1,2-Dibromoethane | 0.5326 0.5044 | 0.5416 0.5070 | 0.4582 0.4969 | 0.4749 | 0.5356 | Ave | | 0.5064 | | | | 5.9 | | 30.0 | | | |
| Chlorobenzene | 0.9775 0.7470 | 0.7813 0.7352 | 0.7249 0.7074 | 0.7182 | 0.8301 | Ave | | 0.7777 | | | | 11.6 | | 30.0 | | | |
| Ethylbenzene | 1.5498 1.3427 | 1.4624 1.3133 | 1.3149 1.2276 | 1.2759 | 1.5114 | Ave | | 1.3748 | | | | 8.6 | | 30.0 | | | |
| 1,1,1,2-Tetrachloroethane | 0.4427 0.3882 | 0.3618 0.3821 | 0.3432 0.3725 | 0.3577 | 0.4055 | Ave | | 0.3817 | | | | 8.2 | | 30.0 | | | |
| m&p-Xylene | 1.1876 1.0279 | 1.1078 1.0029 | 0.9916 0.8991 | 0.9588 | 1.1490 | Ave | | 1.0406 | | | | 9.5 | | 30.0 | | | |
| o-Xylene | 1.4864 1.0492 | 1.1213 1.0305 | 0.9722 0.9810 | 1.0125 | 1.1490 | Ave | | 1.1003 | | | | 15.3 | | 30.0 | | | |
| Styrene | 0.8272 0.7527 | 0.8532 0.7584 | 0.6853 0.7404 | 0.6687 | 0.8151 | Ave | | 0.7626 | | | | 8.7 | | 30.0 | | | |
| Bromoform | 0.5700 0.4563 | 0.4254 0.4699 | 0.4024 0.4741 | 0.4101 | 0.4836 | Ave | | 0.4615 | | | | 11.6 | | 30.0 | | | |
| Cumene | 1.5247 1.3717 | 1.5438 1.3510 | 1.2668 1.2588 | 1.2884 | 1.5123 | Ave | | 1.3897 | | | | 8.7 | | 30.0 | | | |
| Bromobenzene | 0.4743 0.3959 | 0.4663 0.3943 | 0.3809 0.3859 | 0.3686 | 0.4552 | Ave | | 0.4152 | | | | 10.3 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.9500 0.8059 | 0.8591 0.7950 | 0.7568 0.7536 | 0.7528 | 0.8759 | Ave | | 0.8187 | | | | 8.7 | | 30.0 | | | |
| N-Propylbenzene | 0.4497 0.3593 | 0.4169 0.3586 | 0.3557 0.3481 | 0.3338 | 0.4061 | Ave | | 0.3785 | | | | 10.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | 0.2817 0.2056 | 0.2724 0.1989 | 0.2136 0.1949 | 0.2062 | 0.2328 | Ave | | 0.2258 | | | | 14.9 | | 30.0 | | | |
| 4-Ethyltoluene | 1.4399 1.3403 | 1.4092 1.3167 | 1.2010 1.2270 | 1.2220 | 1.4606 | Ave | | 1.3271 | | | | 7.8 | | 30.0 | | | |
| 2-Chlorotoluene | 0.4311 0.3124 | 0.3339 0.3112 | 0.3097 0.3022 | 0.2994 | 0.3591 | Ave | | 0.3324 | | | | 13.4 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | 1.3348 1.1509 | 1.2824 1.1377 | 1.0699 1.0668 | 1.0577 | 1.2543 | Ave | | 1.1693 | | | | 9.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Alpha Methyl Styrene | 0.6402 0.4993 | 0.5161 0.5121 | 0.4572 0.5032 | 0.4438 | 0.5161 | Ave | | 0.5110 | | | | 11.5 | | 30.0 | | | |
| tert-Butylbenzene | 1.2286 1.0216 | 1.0099 1.0214 | 0.9557 0.9715 | 0.9838 | 1.0989 | Ave | | 1.0364 | | | | 8.6 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | 1.4715 1.1455 | 1.2541 1.1312 | 1.0683 1.0623 | 1.0788 | 1.2325 | Ave | | 1.1805 | | | | 11.7 | | 30.0 | | | |
| sec-Butylbenzene | 1.9419 1.6370 | 1.7220 1.6136 | 1.6308 1.4666 | 1.5817 | 1.7972 | Ave | | 1.6738 | | | | 8.7 | | 30.0 | | | |
| p-Isopropyltoluene | 1.7008 1.3175 | 1.5850 1.3107 | 1.2775 1.2208 | 1.2191 | 1.4556 | Ave | | 1.3859 | | | | 12.8 | | 30.0 | | | |
| 1,3-Dichlorobenzene | 0.7863 0.6943 | 0.7046 0.6863 | 0.6878 0.6634 | 0.6420 | 0.7757 | Ave | | 0.7051 | | | | 7.2 | | 30.0 | | | |
| 1,4-Dichlorobenzene | 0.8691 0.6977 | 0.7700 0.6919 | 0.6450 0.6652 | 0.6508 | 0.7787 | Ave | | 0.7210 | | | | 10.9 | | 30.0 | | | |
| Benzyl chloride | +++++ 0.1968 | 0.2564 0.2016 | 0.1873 0.2058 | 0.1932 | 0.2085 | Ave | | 0.2071 | | | | 11.1 | | 30.0 | | | |
| n-Butylbenzene | 0.9249 0.7434 | 0.7805 0.7404 | 0.7108 0.7135 | 0.7209 | 0.8136 | Ave | | 0.7685 | | | | 9.4 | | 30.0 | | | |
| 1,2-Dichlorobenzene | 0.8380 0.6475 | 0.7208 0.6455 | 0.6443 0.6267 | 0.6313 | 0.7188 | Ave | | 0.6841 | | | | 10.6 | | 30.0 | | | |
| Hexachloroethane | +++++ 0.4308 | 0.3391 0.4347 | 0.2619 0.4153 | 0.2591 | 0.4456 | Ave | | 0.3695 | | | | 22.3 | | 30.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.5665 0.3308 | 0.3968 0.3388 | 0.3670 0.3378 | 0.3422 | 0.3391 | Ave | | 0.3774 | | | | 21.1 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | 0.7931 0.4631 | 0.6938 0.4703 | 0.5867 0.4643 | 0.5934 | 0.5016 | Ave | | 0.5708 | | | | 21.3 | | 30.0 | | | |
| Hexachlorobutadiene | +++++ 0.3784 | 0.5661 0.3853 | 0.4569 0.3830 | 0.4648 | 0.4146 | Ave | | 0.4356 | | | | 15.5 | | 30.0 | | | |
| Naphthalene | +++++ 1.1330 | 2.0200 1.1656 | 1.6366 1.1282 | 1.6007 | 1.1915 | Ave | | 1.4108 | | | | 24.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 410-692668/3 | 6G29X03.D |
| Level 2 | IC 410-692668/4 | 6G29X04.D |
| Level 3 | IC 410-692668/5 | 6G29X05.D |
| Level 4 | IC 410-692668/6 | 6G29X06.D |
| Level 5 | IC 410-692668/7 | 6G29X07.D |
| Level 6 | ICISAV 410-692668/8 | 6G29X08.D |
| Level 7 | IC 410-692668/9 | 6G29X09.D |
| Level 8 | IC 410-692668/10 | 6G29X10.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propene | CBM | Ave | +++++<br>313921 | 3863<br>628748 | 13490<br>1542852 | 33467 | 60968 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Dichlorodifluoromethane | CBM | Ave | 3114<br>835503 | 7579<br>1643431 | 33122<br>3908252 | 81139 | 152212 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chlorodifluoromethane | CBM | Ave | +++++<br>574396 | 6079<br>1141256 | 22756<br>2866785 | 59009 | 105174 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Freon-114 | CBM | Ave | 3769<br>895039 | 7943<br>1845555 | 34532<br>4840858 | 94816 | 167072 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chloromethane | CBM | Qua | +++++<br>333008 | +++++<br>625071 | 17817<br>1090245 | 35246 | 65078 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Vinyl chloride | CBM | Ave | +++++<br>356668 | 4065<br>698988 | 16265<br>1718628 | 37897 | 72083 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3-Butadiene | CBM | Ave | +++++<br>271415 | 3072<br>548886 | 14922<br>1350988 | 33025 | 55815 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromomethane | CBM | Ave | +++++<br>226028 | +++++<br>479652 | 9821<br>1152184 | 23514 | 40278 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chloroethane | CBM | Ave | +++++<br>191687 | +++++<br>423851 | 9982<br>885817 | 20430 | 35064 | +++++<br>5.00 | +++++<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromoethene | CBM | Ave | 1481<br>297069 | 3050<br>584067 | 11803<br>1450120 | 32141 | 54658 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Trichlorofluoromethane | CBM | Ave | 3991<br>768553 | 7133<br>1568398 | 31017<br>4061958 | 80328 | 150723 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Dichlorofluoromethane | CBM | Ave | 3909<br>770238 | 8298<br>1554520 | 34770<br>3884863 | 81609 | 144353 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Pentane | CBM | Ave | 4215<br>657919 | 6000<br>1341263 | 28004<br>3282768 | 70048 | 127825 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Ethanol | CBM | Ave | +++++<br>147383 | +++++<br>299078 | 9159<br>756984 | 19899 | 29845 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580 | 1.16 |
| Freon 113 | CBM | Ave | 1680 | 3823 | 14241 | 39490 | 75005 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 376926 | 750099 | 1883338 | | | 5.00 | 10.0 | 25.0 | | |
| Acrolein | CBM | Ave | 1361<br>168490 | 2584<br>338797 | 9277<br>853015 | 17741 | 32361 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580 | 1.16 |
| 1,1-Dichloroethene | CBM | Ave | 2984<br>530644 | 4937<br>1069271 | 21735<br>2689254 | 56478 | 100339 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Acetone | CBM | Ave | +++++<br>615474 | +++++<br>1224762 | +++++<br>2976012 | 93298 | 126314 | +++++<br>5.00 | +++++<br>10.0 | +++++<br>25.0 | 0.500 | 1.00 |
| Iodomethane | CBM | Ave | 2545<br>675736 | 5660<br>1181679 | 27799<br>2463162 | 53717 | 137179 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Carbon disulfide | CBM | Ave | 5379<br>1018528 | 10882<br>2042289 | 47004<br>5011032 | 112468 | 187215 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Isopropanol | CBM | Ave | +++++<br>791165 | 12401<br>1592157 | 38898<br>3980898 | 94096 | 148270 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 3-Chloroprene | CBM | Ave | 3478<br>505457 | 5330<br>1023726 | 21378<br>2549751 | 53162 | 100200 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Acetonitrile | CBM | Ave | +++++<br>383236 | +++++<br>761225 | 17435<br>1905100 | 40600 | 67970 | +++++<br>5.80 | +++++<br>11.6 | 0.232<br>29.0 | 0.580 | 1.16 |
| Methylene Chloride | CBM | Ave | 1844<br>275996 | 2995<br>541319 | 13025<br>1351615 | 31262 | 51366 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| tert-Butyl alcohol | CBM | Ave | 5204<br>904592 | 9635<br>1812888 | 37660<br>4594935 | 90473 | 181416 | 0.0285<br>5.70 | 0.0570<br>11.4 | 0.228<br>28.5 | 0.570 | 1.14 |
| Methyl t-butyl ether | CBM | Ave | 5937<br>993875 | 11435<br>1977544 | 42595<br>4985960 | 102391 | 199326 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| trans-1,2-Dichloroethene | CBM | Ave | 2678<br>555617 | 5307<br>1113528 | 21568<br>2764771 | 56310 | 108180 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Acrylonitrile | CBM | Ave | 1837<br>323168 | 3614<br>645239 | 14976<br>1536135 | 33287 | 60482 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Hexane | CBM | Ave | +++++<br>309796 | 4590<br>608096 | 14428<br>1547268 | 33387 | 64628 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| di-Isopropyl ether | CBM | Ave | 7820<br>1389761 | 15859<br>2762428 | 59441<br>6878030 | 141866 | 287485 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1-Dichloroethane | CBM | Ave | 3354<br>635937 | 5724<br>1281319 | 26546<br>3247773 | 67109 | 124864 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Vinyl acetate | CBM | Ave | 393<br>93376 | 1167<br>192806 | 3197<br>484261 | 9544 | 19181 | 0.0283<br>5.65 | 0.0565<br>11.3 | 0.226<br>28.3 | 0.565 | 1.13 |
| Ethyl tert-butyl ether | CBM | Ave | 6057<br>1246118 | 12237<br>2482254 | 50098<br>6219721 | 124851 | 243569 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| cis-1,2-Dichloroethene | CBM | Ave | 2595<br>491294 | 4995<br>988371 | 19480<br>2484118 | 51035 | 97265 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 2-Butanone | CBM | Ave | 1322 | 2038 | 7489 | 18794 | 40753 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 188833 | 379224 | 981554 | | | 5.00 | 10.0 | 25.0 | | |
| Ethyl acetate | CBM | Ave | +++++ 95254 | 1406 196594 | 4589 493739 | 10454 | 19416 | +++++ 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Methyl acrylate | CBM | Ave | 4013 712531 | 8109 1444685 | 29706 3646846 | 73191 | 146253 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Tetrahydrofuran | CBM | Ave | +++++ 478536 | +++++ 954940 | 20228 2422095 | 49349 | 98222 | +++++ 5.00 | +++++ 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Chloroform | CBM | Ave | 3548 674213 | 6052 1369764 | 26571 3477715 | 69104 | 134948 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Cyclohexane | CBM | Ave | 4160 629862 | 7148 1248358 | 27567 3109441 | 64756 | 126900 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| 1,1,1-Trichloroethane | CBM | Ave | 3994 658559 | 7291 1327495 | 24975 3322533 | 67326 | 134845 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Carbon tetrachloride | CBM | Ave | 3246 617849 | 6550 1222822 | 23765 3035474 | 59162 | 129002 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Isooctane | DFBZ | Ave | 8254 1951667 | 17933 3920441 | 80619 9771598 | 194521 | 386877 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Benzene | DFBZ | Ave | 5417 1044839 | 11464 2114863 | 44929 5284172 | 109698 | 220715 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Tert-amyl methyl ether | DFBZ | Ave | 7036 1099786 | 10906 2212248 | 46699 5538803 | 108146 | 222657 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| 1,2-Dichloroethane | DFBZ | Ave | 3044 487267 | 5630 976257 | 19399 2444330 | 49863 | 101480 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Heptane | DFBZ | Ave | 2790 397936 | 4266 804996 | 16081 2017873 | 39073 | 85611 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Trichloroethene | DFBZ | Ave | 2304 393366 | 4135 784968 | 15131 1995569 | 38960 | 81998 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Ethyl acrylate | DFBZ | Ave | 5888 893544 | 10378 1839096 | 38186 4684848 | 90711 | 188438 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| 1,2-Dichloropropane | DFBZ | Ave | 3142 441911 | 5502 883671 | 18331 2212326 | 46540 | 91363 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Methyl methacrylate | DFBZ | Ave | 2824 420160 | 4685 864452 | 16344 2196464 | 42506 | 92198 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| 1,4-Dioxane | DFBZ | Ave | 1406 247832 | 3254 494831 | 10028 1257357 | 24924 | 53858 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Dibromomethane | DFBZ | Ave | 2153 336072 | 4592 677895 | 14239 1727912 | 34404 | 68985 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| Bromodichloromethane | DFBZ | Ave | 4816 730295 | 7116 1488043 | 29362 3772710 | 74431 | 152171 | 0.0250 5.00 | 0.0500 10.0 | 0.200 25.0 | 0.500 | 1.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | 4414 | 7074 | 26378 | 66849 | 140880 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 684870 | 1392318 | 3547761 | | | 5.00 | 10.0 | 25.0 | | |
| 4-Methyl-2-pentanone | DFBZ | Ave | 6249<br>1042133 | 10380<br>2102262 | 41007<br>5298939 | 101991 | 223162 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Toluene | CBZd5 | Ave | 8226<br>1243550 | 13722<br>2474558 | 47240<br>6170445 | 128321 | 274633 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Octane | CBZd5 | Ave | 6821<br>1080890 | 12089<br>2131496 | 42104<br>5241772 | 105883 | 239112 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| trans-1,3-Dichloropropene | CBZd5 | Ave | +++++<br>539844 | 6269<br>1118368 | 24411<br>2863118 | 59429 | 111923 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Ethyl methacrylate | CBZd5 | Ave | 4513<br>694430 | 7149<br>1441448 | 25232<br>3658891 | 66111 | 145198 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,2-Trichloroethane | CBZd5 | Ave | 2632<br>411960 | 4204<br>835926 | 16041<br>2110287 | 41195 | 89211 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Tetrachloroethene | CBZd5 | Ave | 3512<br>501431 | 6972<br>1010066 | 23954<br>2635733 | 59167 | 108886 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 2-Hexanone | CBZd5 | Ave | +++++<br>997112 | 11392<br>2005132 | 41366<br>5009351 | 99651 | 207908 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Dibromochloromethane | CBZd5 | Ave | 2835<br>494660 | 4782<br>1007306 | 18567<br>2614000 | 47268 | 100312 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dibromoethane | CBZd5 | Ave | 3218<br>612934 | 6566<br>1243445 | 22837<br>3178913 | 58830 | 127206 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Chlorobenzene | CBZd5 | Ave | 5906<br>907607 | 9473<br>1803043 | 36131<br>4525568 | 88968 | 197127 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Ethylbenzene | CBZd5 | Ave | 9364<br>1631487 | 17730<br>3220565 | 65544<br>7853540 | 158065 | 358935 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,1,2-Tetrachloroethane | CBZd5 | Ave | 2675<br>471688 | 4386<br>936946 | 17105<br>2383019 | 44309 | 96288 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| m&p-Xylene | CBZd5 | Ave | 14351<br>2497927 | 26862<br>4918902 | 98854<br>11504075 | 237549 | 545737 | 0.0500<br>10.0 | 0.100<br>20.0 | 0.400<br>50.0 | 1.00 | 2.00 |
| o-Xylene | CBZd5 | Ave | 8981<br>1274882 | 13595<br>2527225 | 48459<br>6275982 | 125427 | 272860 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Styrene | CBZd5 | Ave | 4998<br>914598 | 10344<br>1859816 | 34157<br>4736580 | 82845 | 193573 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromoform | CBZd5 | Ave | 3444<br>554495 | 5157<br>1152458 | 20057<br>3032693 | 50802 | 114844 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Cumene | CBZd5 | Ave | 9212<br>1666760 | 18717<br>3313097 | 63143<br>8053133 | 159607 | 359154 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Bromobenzene | CBZd5 | Ave | 2866<br>481065 | 5653<br>966966 | 18984<br>2468901 | 45665 | 108110 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,1,2,2-Tetrachloroethane | CBZd5 | Ave | 5740 | 10416 | 37725 | 93260 | 208013 | 0.0250 | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 979219 | 1949733 | 4821117 | | | 5.00 | 10.0 | 25.0 | | |
| N-Propylbenzene | CBZd5 | Ave | 2717<br>436555 | 5054<br>879388 | 17732<br>2226983 | 41354 | 96443 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2,3-Trichloropropane | CBZd5 | Ave | 1702<br>249835 | 3303<br>487662 | 10645<br>1246738 | 25550 | 55278 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 4-Ethyltoluene | CBZd5 | Ave | 8700<br>1628597 | 17085<br>3228926 | 59866<br>7849533 | 151387 | 346856 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 2-Chlorotoluene | CBZd5 | Ave | 2605<br>379651 | 4048<br>763283 | 15437<br>1933309 | 37087 | 85282 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3,5-Trimethylbenzene | CBZd5 | Ave | 8065<br>1398403 | 15548<br>2789921 | 53328<br>6824495 | 131033 | 297879 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Alpha Methyl Styrene | CBZd5 | Ave | 4487<br>703700 | 7258<br>1456751 | 26438<br>3734003 | 63778 | 142188 | 0.0290<br>5.80 | 0.0580<br>11.6 | 0.232<br>29.0 | 0.580 | 1.16 |
| tert-Butylbenzene | CBZd5 | Ave | 7423<br>1241313 | 12244<br>2504845 | 47636<br>6215020 | 121877 | 260971 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2,4-Trimethylbenzene | CBZd5 | Ave | 8891<br>1391839 | 15205<br>2774180 | 53249<br>6795821 | 133648 | 292694 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| sec-Butylbenzene | CBZd5 | Ave | 11733<br>1989049 | 20877<br>3957101 | 81290<br>9382461 | 195941 | 426800 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| p-Isopropyltoluene | CBZd5 | Ave | 10276<br>1600871 | 19216<br>3214289 | 63678<br>7809547 | 151021 | 345684 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,3-Dichlorobenzene | CBZd5 | Ave | 4751<br>843614 | 8543<br>1683159 | 34282<br>4244085 | 79531 | 184209 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,4-Dichlorobenzene | CBZd5 | Ave | 5251<br>847787 | 9335<br>1696729 | 32149<br>4255327 | 80626 | 184928 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Benzyl chloride | CBZd5 | Ave | +++++<br>239146 | 3109<br>494437 | 9337<br>1316371 | 23934 | 49511 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| n-Butylbenzene | CBZd5 | Ave | 5588<br>903313 | 9463<br>1815721 | 35431<br>4564404 | 89307 | 193217 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dichlorobenzene | CBZd5 | Ave | 5063<br>786814 | 8739<br>1582880 | 32115<br>4009288 | 78204 | 170707 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Hexachloroethane | CBZd5 | Ave | +++++<br>523464 | 4111<br>1065984 | 13057<br>2657058 | 32104 | 105821 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | CBZd5 | Ave | 3423<br>401944 | 4811<br>830920 | 18293<br>2160795 | 42394 | 80530 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| 1,2,4-Trichlorobenzene | CBZd5 | Ave | 4792<br>562688 | 8412<br>1153240 | 29245<br>2970509 | 73514 | 119122 | 0.0250<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Hexachlorobutadiene | CBZd5 | Ave | +++++<br>459771 | 6864<br>944905 | 22774<br>2450124 | 57579 | 98471 | +++++<br>5.00 | 0.0500<br>10.0 | 0.200<br>25.0 | 0.500 | 1.00 |
| Naphthalene | CBZd5 | Ave | +++++ | 24491 | 81576 | 198305 | 282970 | +++++ | 0.0500 | 0.200 | 0.500 | 1.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1  Analy Batch No.: 692668

SDG No.:

Instrument ID: HP26379  GC Column: Rtx-VMS 60 ID: 0.25(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2025 20:42  Calibration End Date: 08/29/2025 23:57  Calibration ID: 76296

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 1376714 | 2858567 | 7217681 | | | 5.00 | 10.0 | 25.0 | | |

Curve Type Legend:
Ave = Average ISTD
Qua = Quadratic ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: CCVIS 410-686637/3  Calibration Date: 08/17/2025 23:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G17X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5402 | | 12.8 | 10.0 | 27.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.951 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.080 | | 11.9 | 10.0 | 19.3 | 30.0 |
| Freon-114 | Ave | 1.796 | 2.033 | | 11.3 | 10.0 | 13.2 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6753 | | 12.1 | 10.0 | 21.1 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7942 | | 11.9 | 10.0 | 19.0 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5591 | | 10.3 | 10.0 | 3.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5336 | | 8.87 | 10.0 | -11.4 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.4028 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7430 | | 9.70 | 10.0 | -3.0 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.721 | | 10.5 | 10.0 | 5.3 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.887 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Pentane | Ave | 1.122 | 1.164 | | 10.4 | 10.0 | 3.7 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1814 | | 15.1 | 11.6 | 29.9 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2756 | | 11.4 | 11.6 | -1.4 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.091 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Acetone | Ave | 1.037 | 1.062 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9809 | | 9.68 | 10.0 | -3.2 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.9227 | | 10.3 | 10.0 | 2.6 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.615 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.488 | | 10.7 | 10.0 | 6.6 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2927 | | 14.1 | 11.6 | 21.9 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8640 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6694 | | 10.2 | 10.0 | 1.6 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9874 | | 11.0 | 11.4 | -3.6 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6357 | | 11.0 | 10.0 | 10.2 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.990 | | 9.07 | 10.0 | -9.3 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.204 | | 9.94 | 10.0 | -0.6 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5930 | | 10.0 | 10.0 | 0.2 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1590 | | 9.30 | 11.3 | -17.7 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.394 | | 9.85 | 10.0 | -1.5 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.477 | | 11.1 | 10.0 | 10.5 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.271 | | 9.52 | 10.0 | -4.8 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.4042 | | 9.57 | 10.0 | -4.3 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.337 | | 9.72 | 10.0 | -2.8 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2081 | | 9.08 | 10.0 | -9.2 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.407 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.8172 | | 9.91 | 10.0 | -0.9 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.39 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.544 | | 9.31 | 10.0 | -6.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: CCVIS 410-686637/3  Calibration Date: 08/17/2025 23:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G17X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.192 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.508 | | 8.49 | 10.0 | -15.1 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6865 | | 9.88 | 10.0 | -1.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2799 | | 8.90 | 10.0 | -11.0 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6054 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Isooctane | Ave | 1.010 | 1.086 | | 10.8 | 10.0 | 7.5 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2280 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3047 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4676 | | 10.9 | 10.0 | 9.3 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2771 | | 10.3 | 10.0 | 2.5 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2414 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1332 | | 12.7 | 10.0 | 26.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2673 | | 8.76 | 10.0 | -12.4 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4870 | | 9.61 | 10.0 | -3.9 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4140 | | 8.97 | 10.0 | -10.3 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4931 | | 10.7 | 10.0 | 7.1 | 30.0 |
| Toluene | Ave | 0.9368 | 0.9224 | | 9.85 | 10.0 | -1.5 | 30.0 |
| Octane | Ave | 0.5598 | 0.5681 | | 10.2 | 10.0 | 1.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3657 | | 9.31 | 10.0 | -6.9 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4399 | | 10.6 | 10.0 | 5.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3263 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4391 | | 9.66 | 10.0 | -3.4 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.5111 | | 12.0 | 10.0 | 20.1 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4994 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.7065 | | 9.48 | 10.0 | -5.2 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.145 | | 9.77 | 10.0 | -2.3 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3692 | | 9.74 | 10.0 | -2.6 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8941 | | 21.0 | 20.0 | 4.8 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8987 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6937 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4843 | | 9.13 | 10.0 | -8.7 | 30.0 |
| Cumene | Ave | 1.250 | 1.192 | | 9.54 | 10.0 | -4.6 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.7050 | | 11.0 | 10.0 | 9.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1786 | | 10.4 | 10.0 | 4.0 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.4053 | | 9.46 | 10.0 | -5.4 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3323 | | 9.53 | 10.0 | -4.7 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.3086 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.188 | | 10.7 | 10.0 | 6.8 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.051 | | 11.0 | 10.0 | 10.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Lab Sample ID: CCVIS 410-686637/3  Calibration Date: 08/17/2025 23:35

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G17X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4640 | | 11.4 | 11.6 | -2.0 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9646 | | 10.7 | 10.0 | 6.6 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 1.048 | | 10.7 | 10.0 | 6.9 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.467 | | 10.7 | 10.0 | 6.9 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.173 | | 10.6 | 10.0 | 5.8 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6913 | | 10.00 | 10.0 | -0.0 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6899 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1720 | | 8.57 | 10.0 | -14.3 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.6317 | | 10.5 | 10.0 | 5.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6574 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3309 | | 7.94 | 10.0 | -20.6 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3164 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4821 | | 8.74 | 10.0 | -12.6 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3957 | | 9.30 | 10.0 | -7.0 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.129 | | 8.92 | 10.0 | -10.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: CCVIS 410-689842/3  Calibration Date: 08/24/2025 18:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G24X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4457 | | 10.6 | 10.0 | 5.5 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.951 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 0.9864 | | 10.9 | 10.0 | 9.0 | 30.0 |
| Freon-114 | Ave | 1.796 | 2.016 | | 11.2 | 10.0 | 12.2 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6238 | | 11.2 | 10.0 | 11.9 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7255 | | 10.9 | 10.0 | 8.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4990 | | 9.23 | 10.0 | -7.7 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5607 | | 9.31 | 10.0 | -6.9 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3760 | | 9.90 | 10.0 | -1.0 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7653 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.621 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.938 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Pentane | Ave | 1.122 | 1.006 | | 8.97 | 10.0 | -10.3 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1431 | | 11.9 | 11.6 | 2.5 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2520 | | 10.5 | 11.6 | -9.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.029 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Acetone | Ave | 1.037 | 0.9336 | | 9.00 | 10.0 | -10.0 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.004 | | 9.90 | 10.0 | -1.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7354 | | 8.17 | 10.0 | -18.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.724 | | 9.48 | 10.0 | -5.2 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.370 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2512 | | 12.1 | 11.6 | 4.6 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.7544 | | 8.45 | 10.0 | -15.5 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6529 | | 9.91 | 10.0 | -0.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.8244 | | 9.17 | 11.4 | -19.6 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6035 | | 10.5 | 10.0 | 4.6 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.944 | | 8.86 | 10.0 | -11.4 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.134 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5502 | | 9.30 | 10.0 | -7.0 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1564 | | 9.16 | 11.3 | -19.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.324 | | 9.35 | 10.0 | -6.5 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.140 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.131 | | 8.93 | 10.0 | -10.7 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3839 | | 9.08 | 10.0 | -9.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.241 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2114 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.286 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.6959 | | 8.44 | 10.0 | -15.6 | 30.0 |
| Chloroform | Ave | 1.772 | 1.635 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.574 | | 9.49 | 10.0 | -5.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: CCVIS 410-689842/3  Calibration Date: 08/24/2025 18:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G24X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.085 | | 8.80 | 10.0 | -12.0 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.611 | | 9.07 | 10.0 | -9.3 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6654 | | 9.58 | 10.0 | -4.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2773 | | 8.82 | 10.0 | -11.8 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5743 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9915 | | 9.81 | 10.0 | -1.9 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2169 | | 8.99 | 10.0 | -10.1 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3069 | | 9.31 | 10.0 | -6.9 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4131 | | 9.65 | 10.0 | -3.5 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2505 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2177 | | 8.92 | 10.0 | -10.8 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1166 | | 11.1 | 10.0 | 10.9 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2956 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4740 | | 9.35 | 10.0 | -6.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.3912 | | 8.48 | 10.0 | -15.2 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4165 | | 9.05 | 10.0 | -9.5 | 30.0 |
| Toluene | Ave | 0.9368 | 0.9316 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Octane | Ave | 0.5598 | 0.4957 | | 8.86 | 10.0 | -11.4 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3559 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4051 | | 9.73 | 10.0 | -2.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3242 | | 9.86 | 10.0 | -1.5 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4580 | | 10.1 | 10.0 | 0.7 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4433 | | 10.4 | 10.0 | 4.2 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4259 | | 9.26 | 10.0 | -7.5 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4985 | | 9.53 | 10.0 | -4.7 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.7355 | | 9.87 | 10.0 | -1.3 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3808 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.150 | | 9.81 | 10.0 | -1.9 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.9119 | | 21.4 | 20.0 | 6.9 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.9020 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6992 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.5122 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Cumene | Ave | 1.250 | 1.204 | | 9.64 | 10.0 | -3.6 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6760 | | 10.5 | 10.0 | 5.2 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1712 | | 9.97 | 10.0 | -0.4 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.4219 | | 9.85 | 10.0 | -1.5 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3328 | | 9.55 | 10.0 | -4.5 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.287 | | 11.6 | 10.0 | 15.7 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.3135 | | 9.44 | 10.0 | -5.6 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9368 | | 9.84 | 10.0 | -1.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Lab Sample ID: CCVIS 410-689842/3  Calibration Date: 08/24/2025 18:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G24X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4406 | | 10.8 | 11.6 | -6.9 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 1.061 | | 11.7 | 10.0 | 17.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 1.010 | | 10.3 | 10.0 | 3.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.395 | | 10.2 | 10.0 | 1.7 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.131 | | 10.2 | 10.0 | 2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6797 | | 9.83 | 10.0 | -1.7 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6714 | | 9.32 | 10.0 | -6.8 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1527 | | 7.61 | 10.0 | -23.9 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5544 | | 9.22 | 10.0 | -7.8 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6182 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3304 | | 7.93 | 10.0 | -20.7 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.2818 | | 8.08 | 10.0 | -19.2 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4439 | | 8.04 | 10.0 | -19.6 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3856 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.001 | | 7.91 | 10.0 | -20.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: CCVIS 410-691081/3  Calibration Date: 08/27/2025 12:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G27X06.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4368 | | 10.3 | 10.0 | 3.4 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.850 | | 9.42 | 10.0 | -5.8 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 0.9539 | | 10.5 | 10.0 | 5.4 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.903 | | 10.6 | 10.0 | 6.0 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.5958 | | 10.7 | 10.0 | 6.9 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.6989 | | 10.5 | 10.0 | 4.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4849 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5259 | | 8.74 | 10.0 | -12.6 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3581 | | 9.43 | 10.0 | -5.7 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7303 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.565 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.824 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Pentane | Ave | 1.122 | 0.9758 | | 8.70 | 10.0 | -13.0 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1535 | | 12.8 | 11.6 | 9.9 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2461 | | 10.2 | 11.6 | -11.9 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 0.9887 | | 8.53 | 10.0 | -14.7 | 30.0 |
| Acetone | Ave | 1.037 | 0.9296 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9494 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7934 | | 8.82 | 10.0 | -11.8 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.795 | | 9.87 | 10.0 | -1.3 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.246 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2436 | | 11.8 | 11.6 | 1.4 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.7377 | | 8.26 | 10.0 | -17.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6161 | | 9.35 | 10.0 | -6.5 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.8883 | | 9.88 | 11.4 | -13.3 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5508 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.920 | | 8.75 | 10.0 | -12.5 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.079 | | 8.91 | 10.0 | -10.9 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5266 | | 8.90 | 10.0 | -11.0 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1537 | | 9.00 | 11.3 | -20.4 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.255 | | 8.87 | 10.0 | -11.3 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.079 | | 9.28 | 10.0 | -7.2 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.112 | | 8.85 | 10.0 | -11.5 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3649 | | 8.64 | 10.0 | -13.7 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.196 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2000 | | 8.73 | 10.0 | -12.7 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.226 | | 8.67 | 10.0 | -13.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.6933 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Chloroform | Ave | 1.772 | 1.547 | | 8.73 | 10.0 | -12.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.494 | | 9.01 | 10.0 | -9.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: CCVIS 410-691081/3  Calibration Date: 08/27/2025 12:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G27X06.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.075 | | 8.72 | 10.0 | -12.8 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.529 | | 8.61 | 10.0 | -13.9 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6278 | | 9.04 | 10.0 | -9.6 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2581 | | 8.20 | 10.0 | -18.0 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5558 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9496 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2071 | | 8.59 | 10.0 | -14.1 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.2849 | | 8.65 | 10.0 | -13.5 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.3931 | | 9.19 | 10.0 | -8.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2369 | | 8.76 | 10.0 | -12.4 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2124 | | 8.70 | 10.0 | -13.0 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1229 | | 11.7 | 10.0 | 16.9 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2765 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4410 | | 8.70 | 10.0 | -13.0 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.3765 | | 8.16 | 10.0 | -18.4 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4104 | | 8.91 | 10.0 | -10.9 | 30.0 |
| Toluene | Ave | 0.9368 | 0.9009 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Octane | Ave | 0.5598 | 0.4897 | | 8.75 | 10.0 | -12.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3415 | | 8.70 | 10.0 | -13.0 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.3895 | | 9.36 | 10.0 | -6.4 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3096 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4388 | | 9.65 | 10.0 | -3.5 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4406 | | 10.4 | 10.0 | 3.5 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4084 | | 8.88 | 10.0 | -11.3 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4812 | | 9.20 | 10.0 | -8.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.7152 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3740 | | 9.87 | 10.0 | -1.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.141 | | 9.73 | 10.0 | -2.7 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8836 | | 20.7 | 20.0 | 3.6 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8931 | | 9.90 | 10.0 | -1.0 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6771 | | 9.68 | 10.0 | -3.2 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.5013 | | 9.45 | 10.0 | -5.5 | 30.0 |
| Cumene | Ave | 1.250 | 1.207 | | 9.66 | 10.0 | -3.4 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6641 | | 10.3 | 10.0 | 3.3 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1711 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.4195 | | 9.79 | 10.0 | -2.1 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3379 | | 9.69 | 10.0 | -3.1 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.301 | | 11.7 | 10.0 | 16.9 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.3081 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 1.107 | | 11.6 | 10.0 | 16.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Lab Sample ID: CCVIS 410-691081/3  Calibration Date: 08/27/2025 12:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7G27X06.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4207 | | 10.3 | 11.6 | -11.2 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9594 | | 10.6 | 10.0 | 6.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 1.017 | | 10.4 | 10.0 | 3.6 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.418 | | 10.3 | 10.0 | 3.4 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.150 | | 10.4 | 10.0 | 3.7 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6772 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6752 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1583 | | 7.89 | 10.0 | -21.2 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5693 | | 9.47 | 10.0 | -5.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.6237 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3701 | | 8.88 | 10.0 | -11.2 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.2800 | | 8.03 | 10.0 | -19.8 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4484 | | 8.13 | 10.0 | -18.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3777 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9867 | | 7.80 | 10.0 | -22.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: ICV 410-687586/16  Calibration Date: 08/19/2025 18:45

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G19X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 1.162 | 1.047 | | 9.01 | 10.0 | -9.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 4.630 | 4.396 | | 9.50 | 10.0 | -5.1 | 30.0 |
| Chlorodifluoromethane | Ave | 2.183 | 2.302 | | 10.6 | 10.0 | 5.5 | 30.0 |
| Freon-114 | Ave | 5.256 | 5.017 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Chloromethane | Ave | 1.254 | 1.163 | | 9.28 | 10.0 | -7.2 | 30.0 |
| Vinyl chloride | Ave | 1.513 | 1.635 | | 10.8 | 10.0 | 8.1 | 30.0 |
| 1,3-Butadiene | Ave | 1.253 | 1.258 | | 10.0 | 10.0 | 0.4 | 30.0 |
| Bromomethane | Ave | 1.653 | 1.547 | | 9.36 | 10.0 | -6.4 | 30.0 |
| Chloroethane | Ave | 0.9310 | 0.8888 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Bromoethene | Ave | 1.738 | 1.725 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Dichlorofluoromethane | Ave | 3.903 | 3.936 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Trichlorofluoromethane | Ave | 5.430 | 5.260 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Pentane | Ave | 2.581 | 2.482 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Ethanol | Ave | 0.4539 | 0.5845 | | 12.9 | 10.0 | 28.8 | 30.0 |
| Acrolein | Ave | 0.5802 | 0.5973 | | 11.6 | 11.3 | 2.9 | 30.0 |
| 1,1-Dichloroethene | Ave | 2.505 | 2.948 | | 11.8 | 10.0 | 17.7 | 30.0 |
| Freon 113 | Ave | 2.589 | 2.755 | | 10.6 | 10.0 | 6.4 | 30.0 |
| Acetone | Ave | 2.915 | 2.609 | | 8.95 | 10.0 | -10.5 | 30.0 |
| Iodomethane | Ave | 4.640 | 4.515 | | 9.73 | 10.0 | -2.7 | 30.0 |
| Carbon disulfide | Ave | 6.278 | 5.238 | | 8.34 | 10.0 | -16.6 | 30.0 |
| Isopropanol | Ave | 3.043 | 2.784 | | 9.15 | 10.0 | -8.5 | 30.0 |
| Acetonitrile | Ave | 1.077 | 0.9234 | | 8.57 | 10.0 | -14.3 | 30.0 |
| 3-Chloroprene | Ave | 2.230 | 2.523 | | 11.3 | 10.0 | 13.2 | 30.0 |
| Methylene Chloride | Ave | 1.594 | 1.743 | | 10.9 | 10.0 | 9.3 | 30.0 |
| tert-Butyl alcohol | Ave | 3.261 | 3.446 | | 11.7 | 11.1 | 5.7 | 30.0 |
| Acrylonitrile | Ave | 1.488 | 1.539 | | 10.3 | 10.0 | 3.4 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 2.748 | 2.781 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Methyl t-butyl ether | Ave | 4.653 | 5.155 | | 11.1 | 10.0 | 10.8 | 30.0 |
| Hexane | Ave | 1.388 | 1.461 | | 10.5 | 10.0 | 5.3 | 30.0 |
| 1,1-Dichloroethane | Ave | 3.345 | 3.521 | | 10.5 | 10.0 | 5.3 | 30.0 |
| Vinyl acetate | Ave | 3.915 | 4.845 | | 12.4 | 10.0 | 23.8 | 30.0 |
| di-Isopropyl ether | Ave | 5.132 | 5.446 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 4.846 | 5.194 | | 10.7 | 10.0 | 7.2 | 30.0 |
| 2-Butanone | Ave | 3.616 | 3.375 | | 9.33 | 10.0 | -6.7 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 2.392 | 2.605 | | 10.9 | 10.0 | 8.9 | 30.0 |
| Ethyl acetate | Ave | 4.301 | 3.959 | | 9.20 | 10.0 | -8.0 | 30.0 |
| Methyl acrylate | Ave | 3.245 | 3.328 | | 10.3 | 10.0 | 2.6 | 30.0 |
| Tetrahydrofuran | Ave | 1.783 | 1.837 | | 10.3 | 10.0 | 3.0 | 30.0 |
| Chloroform | Ave | 4.446 | 4.409 | | 9.92 | 10.0 | -0.8 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 4.630 | 4.373 | | 9.45 | 10.0 | -5.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: ICV 410-687586/16  Calibration Date: 08/19/2025 18:45

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G19X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 2.639 | 2.857 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Carbon tetrachloride | Ave | 4.829 | 4.631 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Benzene | Ave | 1.590 | 1.412 | | 8.88 | 10.0 | -11.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.6495 | 0.6213 | | 9.57 | 10.0 | -4.3 | 30.0 |
| Isooctane | Ave | 1.832 | 1.729 | | 9.44 | 10.0 | -5.6 | 30.0 |
| Tert-amyl methyl ether | Ave | 1.174 | 1.180 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Heptane | Ave | 0.4522 | 0.4902 | | 10.8 | 10.0 | 8.4 | 30.0 |
| Trichloroethene | Ave | 0.7602 | 0.6754 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Ethyl acrylate | Ave | 0.9607 | 0.9552 | | 9.94 | 10.0 | -0.6 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.5807 | 0.5345 | | 9.20 | 10.0 | -8.0 | 30.0 |
| Methyl methacrylate | Ave | 0.4637 | 0.5027 | | 10.8 | 10.0 | 8.4 | 30.0 |
| 1,4-Dioxane | Ave | 0.3222 | 0.3288 | | 10.2 | 10.0 | 2.0 | 30.0 |
| Dibromomethane | Ave | 0.7355 | 0.6539 | | 8.89 | 10.0 | -11.1 | 30.0 |
| Bromodichloromethane | Ave | 1.186 | 1.064 | | 8.98 | 10.0 | -10.2 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.9432 | 0.8422 | | 8.93 | 10.0 | -10.7 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 1.001 | 0.9482 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Toluene | Ave | 1.895 | 1.801 | | 9.51 | 10.0 | -4.9 | 30.0 |
| Octane | Ave | 1.026 | 0.999 | | 9.74 | 10.0 | -2.6 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.7283 | 0.7848 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Ethyl methacrylate | Ave | 0.7655 | 0.8754 | | 11.4 | 10.0 | 14.4 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.6935 | 0.6245 | | 9.01 | 10.0 | -9.9 | 30.0 |
| Tetrachloroethene | Ave | 1.092 | 1.006 | | 9.22 | 10.0 | -7.8 | 30.0 |
| 2-Hexanone | Ave | 0.8149 | 0.9214 | | 11.3 | 10.0 | 13.1 | 30.0 |
| Dibromochloromethane | Ave | 0.9750 | 0.8930 | | 9.16 | 10.0 | -8.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 1.031 | 0.9604 | | 9.31 | 10.0 | -6.9 | 30.0 |
| Chlorobenzene | Ave | 1.535 | 1.344 | | 8.76 | 10.0 | -12.4 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.8636 | 0.7793 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Ethylbenzene | Ave | 2.229 | 2.171 | | 9.74 | 10.0 | -2.6 | 30.0 |
| m&p-Xylene | Ave | 1.660 | 1.793 | | 10.8 | 10.0 | 8.0 | 30.0 |
| o-Xylene | Ave | 1.646 | 1.717 | | 10.4 | 10.0 | 4.3 | 30.0 |
| Styrene | Ave | 1.236 | 1.362 | | 11.0 | 10.0 | 10.2 | 30.0 |
| Bromoform | Ave | 1.174 | 1.136 | | 9.68 | 10.0 | -3.2 | 30.0 |
| Cumene | Ave | 2.152 | 2.368 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.496 | 1.309 | | 8.75 | 10.0 | -12.5 | 30.0 |
| Bromobenzene | Ave | 0.8791 | 0.8456 | | 9.62 | 10.0 | -3.8 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.4001 | 0.3867 | | 9.67 | 10.0 | -3.3 | 30.0 |
| N-Propylbenzene | Ave | 0.6284 | 0.6876 | | 10.9 | 10.0 | 9.4 | 30.0 |
| 2-Chlorotoluene | Ave | 0.5786 | 0.6150 | | 10.6 | 10.0 | 6.3 | 30.0 |
| 4-Ethyltoluene | Ave | 2.162 | 2.484 | | 11.5 | 10.0 | 14.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.090 | 2.134 | | 10.2 | 10.0 | 2.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: ICV 410-687586/16  Calibration Date: 08/19/2025 18:45

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G19X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.8649 | 0.9882 | | 11.4 | 10.0 | 14.2 | 30.0 |
| tert-Butylbenzene | Ave | 1.734 | 1.961 | | 11.3 | 10.0 | 13.1 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.924 | 2.096 | | 10.9 | 10.0 | 8.9 | 30.0 |
| sec-Butylbenzene | Ave | 2.596 | 2.928 | | 11.3 | 10.0 | 12.8 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.312 | 1.438 | | 11.0 | 10.0 | 9.6 | 30.0 |
| p-Isopropyltoluene | Ave | 2.223 | 2.533 | | 11.4 | 10.0 | 13.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.532 | 1.485 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Benzyl chloride | Ave | 0.3549 | 0.3937 | | 11.1 | 10.0 | 10.9 | 30.0 |
| n-Butylbenzene | Ave | 1.042 | 1.262 | | 12.1 | 10.0 | 21.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.334 | 1.389 | | 10.4 | 10.0 | 4.1 | 30.0 |
| Hexachloroethane | Ave | 0.8146 | 0.7222 | | 8.87 | 10.0 | -11.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.6585 | 0.8098 | | 12.3 | 10.0 | 23.0 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.009 | 1.455 | | 14.4 | 10.0 | 44.2* | 30.0 |
| Hexachlorobutadiene | Ave | 1.077 | 1.354 | | 12.6 | 10.0 | 25.7 | 30.0 |
| Naphthalene | Ave | 1.993 | 2.583 | | 15.0 | 11.6 | 29.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: CCVIS 410-692984/3  Calibration Date: 08/31/2025 17:11

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G31X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 1.162 | 0.9907 | | 8.52 | 10.0 | -14.8 | 30.0 |
| Dichlorodifluoromethane | Ave | 4.630 | 4.870 | | 10.5 | 10.0 | 5.2 | 30.0 |
| Chlorodifluoromethane | Ave | 2.183 | 2.311 | | 10.6 | 10.0 | 5.9 | 30.0 |
| Freon-114 | Ave | 5.256 | 5.499 | | 10.5 | 10.0 | 4.6 | 30.0 |
| Chloromethane | Ave | 1.254 | 1.129 | | 9.00 | 10.0 | -10.0 | 30.0 |
| Vinyl chloride | Ave | 1.513 | 1.688 | | 11.2 | 10.0 | 11.6 | 30.0 |
| 1,3-Butadiene | Ave | 1.253 | 1.308 | | 10.4 | 10.0 | 4.4 | 30.0 |
| Bromomethane | Ave | 1.653 | 1.637 | | 9.91 | 10.0 | -0.9 | 30.0 |
| Chloroethane | Ave | 0.9310 | 0.8950 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Bromoethene | Ave | 1.738 | 1.777 | | 10.2 | 10.0 | 2.2 | 30.0 |
| Dichlorofluoromethane | Ave | 3.903 | 4.062 | | 10.4 | 10.0 | 4.1 | 30.0 |
| Trichlorofluoromethane | Ave | 5.430 | 5.863 | | 10.8 | 10.0 | 8.0 | 30.0 |
| Pentane | Ave | 2.581 | 2.266 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Ethanol | Ave | 0.4539 | 0.4723 | | 12.1 | 11.6 | 4.0 | 30.0 |
| Acrolein | Ave | 0.5802 | 0.5764 | | 11.5 | 11.6 | -0.7 | 30.0 |
| 1,1-Dichloroethene | Ave | 2.505 | 2.661 | | 10.6 | 10.0 | 6.2 | 30.0 |
| Freon 113 | Ave | 2.589 | 2.836 | | 11.0 | 10.0 | 9.5 | 30.0 |
| Acetone | Ave | 2.915 | 2.730 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Iodomethane | Ave | 4.640 | 4.545 | | 9.80 | 10.0 | -2.1 | 30.0 |
| Carbon disulfide | Ave | 6.278 | 6.126 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Isopropanol | Ave | 3.043 | 2.803 | | 9.21 | 10.0 | -7.9 | 30.0 |
| Acetonitrile | Ave | 1.077 | 0.8689 | | 9.36 | 11.6 | -19.4 | 30.0 |
| 3-Chloroprene | Ave | 2.230 | 2.254 | | 10.1 | 10.0 | 1.1 | 30.0 |
| Methylene Chloride | Ave | 1.594 | 1.693 | | 10.6 | 10.0 | 6.2 | 30.0 |
| tert-Butyl alcohol | Ave | 3.261 | 3.240 | | 11.3 | 11.4 | -0.7 | 30.0 |
| Acrylonitrile | Ave | 1.488 | 1.598 | | 10.7 | 10.0 | 7.4 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 2.748 | 3.023 | | 11.0 | 10.0 | 10.0 | 30.0 |
| Methyl t-butyl ether | Ave | 4.653 | 5.041 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Hexane | Ave | 1.388 | 1.451 | | 10.5 | 10.0 | 4.6 | 30.0 |
| 1,1-Dichloroethane | Ave | 3.345 | 3.567 | | 10.7 | 10.0 | 6.6 | 30.0 |
| Vinyl acetate | Ave | 3.915 | 3.774 | | 10.9 | 11.3 | -3.6 | 30.0 |
| di-Isopropyl ether | Ave | 5.132 | 5.167 | | 10.1 | 10.0 | 0.7 | 30.0 |
| Ethyl tert-butyl ether | Ave | 4.846 | 4.967 | | 10.3 | 10.0 | 2.5 | 30.0 |
| 2-Butanone | Ave | 3.616 | 3.422 | | 9.46 | 10.0 | -5.4 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 2.392 | 2.595 | | 10.9 | 10.0 | 8.5 | 30.0 |
| Ethyl acetate | Ave | 4.301 | 4.320 | | 10.0 | 10.0 | 0.4 | 30.0 |
| Methyl acrylate | Ave | 3.245 | 3.444 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Tetrahydrofuran | Ave | 1.783 | 1.776 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Chloroform | Ave | 4.446 | 4.659 | | 10.5 | 10.0 | 4.8 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 4.630 | 4.719 | | 10.2 | 10.0 | 1.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: CCVIS 410-692984/3  Calibration Date: 08/31/2025 17:11

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G31X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 2.639 | 2.638 | | 10.00 | 10.0 | -0.0 | 30.0 |
| Carbon tetrachloride | Ave | 4.829 | 5.143 | | 10.7 | 10.0 | 6.5 | 30.0 |
| Benzene | Ave | 1.590 | 1.447 | | 9.10 | 10.0 | -9.0 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.6495 | 0.6651 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Isooctane | Ave | 1.832 | 1.728 | | 9.43 | 10.0 | -5.7 | 30.0 |
| Tert-amyl methyl ether | Ave | 1.174 | 1.197 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Heptane | Ave | 0.4522 | 0.4819 | | 10.7 | 10.0 | 6.6 | 30.0 |
| Trichloroethene | Ave | 0.7602 | 0.6910 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Ethyl acrylate | Ave | 0.9607 | 0.9021 | | 9.39 | 10.0 | -6.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.5807 | 0.5444 | | 9.38 | 10.0 | -6.3 | 30.0 |
| Methyl methacrylate | Ave | 0.4637 | 0.4984 | | 10.8 | 10.0 | 7.5 | 30.0 |
| 1,4-Dioxane | Ave | 0.3222 | 0.3422 | | 10.6 | 10.0 | 6.2 | 30.0 |
| Dibromomethane | Ave | 0.7355 | 0.7493 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Bromodichloromethane | Ave | 1.186 | 1.155 | | 9.75 | 10.0 | -2.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.9432 | 0.8463 | | 8.97 | 10.0 | -10.3 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 1.001 | 0.9145 | | 9.13 | 10.0 | -8.7 | 30.0 |
| Toluene | Ave | 1.895 | 1.880 | | 9.92 | 10.0 | -0.8 | 30.0 |
| Octane | Ave | 1.026 | 0.9780 | | 9.53 | 10.0 | -4.7 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.7283 | 0.7561 | | 10.4 | 10.0 | 3.8 | 30.0 |
| Ethyl methacrylate | Ave | 0.7655 | 0.8490 | | 11.1 | 10.0 | 10.9 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.6935 | 0.6847 | | 9.87 | 10.0 | -1.3 | 30.0 |
| Tetrachloroethene | Ave | 1.092 | 1.032 | | 9.46 | 10.0 | -5.4 | 30.0 |
| 2-Hexanone | Ave | 0.8149 | 0.9064 | | 11.1 | 10.0 | 11.2 | 30.0 |
| Dibromochloromethane | Ave | 0.9750 | 0.9788 | | 10.0 | 10.0 | 0.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 1.031 | 1.036 | | 10.0 | 10.0 | 0.4 | 30.0 |
| Chlorobenzene | Ave | 1.535 | 1.480 | | 9.65 | 10.0 | -3.5 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.8636 | 0.8803 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Ethylbenzene | Ave | 2.229 | 2.293 | | 10.3 | 10.0 | 2.9 | 30.0 |
| m&p-Xylene | Ave | 1.660 | 1.928 | | 23.2 | 20.0 | 16.1 | 30.0 |
| o-Xylene | Ave | 1.646 | 1.800 | | 10.9 | 10.0 | 9.4 | 30.0 |
| Styrene | Ave | 1.236 | 1.477 | | 12.0 | 10.0 | 19.5 | 30.0 |
| Bromoform | Ave | 1.174 | 1.253 | | 10.7 | 10.0 | 6.7 | 30.0 |
| Cumene | Ave | 2.152 | 2.411 | | 11.2 | 10.0 | 12.0 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.496 | 1.396 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Bromobenzene | Ave | 0.8791 | 0.9339 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.4001 | 0.4076 | | 10.2 | 10.0 | 1.9 | 30.0 |
| N-Propylbenzene | Ave | 0.6284 | 0.7088 | | 11.3 | 10.0 | 12.8 | 30.0 |
| 2-Chlorotoluene | Ave | 0.5786 | 0.6546 | | 11.3 | 10.0 | 13.1 | 30.0 |
| 4-Ethyltoluene | Ave | 2.162 | 2.621 | | 12.1 | 10.0 | 21.2 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.090 | 2.282 | | 10.9 | 10.0 | 9.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Lab Sample ID: CCVIS 410-692984/3  Calibration Date: 08/31/2025 17:11

Instrument ID: HP22820  Calib Start Date: 08/19/2025 13:40

GC Column: DB-624 30m  ID: 0.25(mm)  Calib End Date: 08/19/2025 16:43

Lab File ID: 5G31X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.8649 | 0.8225 | | 11.0 | 11.6 | -4.9 | 30.0 |
| tert-Butylbenzene | Ave | 1.734 | 2.009 | | 11.6 | 10.0 | 15.9 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.924 | 2.245 | | 11.7 | 10.0 | 16.7 | 30.0 |
| sec-Butylbenzene | Ave | 2.596 | 2.945 | | 11.3 | 10.0 | 13.4 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.312 | 1.529 | | 11.7 | 10.0 | 16.6 | 30.0 |
| p-Isopropyltoluene | Ave | 2.223 | 2.479 | | 11.2 | 10.0 | 11.5 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.532 | 1.526 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Benzyl chloride | Ave | 0.3549 | 0.3602 | | 10.2 | 10.0 | 1.5 | 30.0 |
| n-Butylbenzene | Ave | 1.042 | 1.133 | | 10.9 | 10.0 | 8.7 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.334 | 1.417 | | 10.6 | 10.0 | 6.2 | 30.0 |
| Hexachloroethane | Ave | 0.8146 | 0.8382 | | 10.3 | 10.0 | 2.9 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.6585 | 0.6410 | | 9.73 | 10.0 | -2.7 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.009 | 0.9254 | | 9.17 | 10.0 | -8.3 | 30.0 |
| Hexachlorobutadiene | Ave | 1.077 | 1.008 | | 9.36 | 10.0 | -6.5 | 30.0 |
| Naphthalene | Ave | 1.993 | 1.773 | | 8.90 | 10.0 | -11.0 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.4659 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.921 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.064 | | 11.8 | 10.0 | 17.6 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.933 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6038 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7121 | | 10.7 | 10.0 | 6.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.4847 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5778 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3670 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7623 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.643 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.881 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Pentane | Ave | 1.122 | 1.079 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1609 | | 11.5 | 10.0 | 15.2 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2538 | | 10.3 | 11.3 | -9.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.186 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Freon 113 | Ave | 1.014 | 1.045 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Acetone | Ave | 1.037 | 0.9849 | | 9.50 | 10.0 | -5.0 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.7617 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.827 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.095 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2734 | | 11.4 | 10.0 | 13.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8899 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6911 | | 10.5 | 10.0 | 4.9 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.9824 | | 10.6 | 11.1 | -4.1 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.5565 | | 9.65 | 10.0 | -3.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 2.106 | | 9.60 | 10.0 | -4.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.075 | | 8.88 | 10.0 | -11.2 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5545 | | 9.37 | 10.0 | -6.3 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1965 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.347 | | 9.51 | 10.0 | -4.9 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.310 | | 10.3 | 10.0 | 3.1 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.359 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3878 | | 9.18 | 10.0 | -8.2 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.284 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.1902 | | 8.30 | 10.0 | -17.0 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.310 | | 9.27 | 10.0 | -7.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.7712 | | 9.35 | 10.0 | -6.5 | 30.0 |
| Chloroform | Ave | 1.772 | 1.664 | | 9.40 | 10.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.643 | | 9.91 | 10.0 | -0.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.176 | | 9.54 | 10.0 | -4.6 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.642 | | 9.25 | 10.0 | -7.5 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6568 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2860 | | 9.09 | 10.0 | -9.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.6098 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Isooctane | Ave | 1.010 | 0.9790 | | 9.69 | 10.0 | -3.1 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2234 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.3045 | | 9.24 | 10.0 | -7.6 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4710 | | 11.0 | 10.0 | 10.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2481 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2394 | | 9.81 | 10.0 | -1.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1132 | | 10.8 | 10.0 | 7.7 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2752 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4673 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.4066 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4714 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8889 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Octane | Ave | 0.5598 | 0.5044 | | 9.01 | 10.0 | -9.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3838 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.4420 | | 10.6 | 10.0 | 6.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.3019 | | 9.18 | 10.0 | -8.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4366 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4824 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.4154 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4761 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6691 | | 8.98 | 10.0 | -10.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3666 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.109 | | 9.46 | 10.0 | -5.4 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.8809 | | 10.3 | 10.0 | 3.3 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8534 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6581 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4986 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Cumene | Ave | 1.250 | 1.162 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.5929 | | 9.23 | 10.0 | -7.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1647 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3842 | | 8.97 | 10.0 | -10.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.3188 | | 9.15 | 10.0 | -8.5 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2882 | | 8.67 | 10.0 | -13.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.130 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.9276 | | 9.74 | 10.0 | -2.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: ICV 410-669024/18  Calibration Date: 07/10/2025 20:04

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7L10X18.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.4712 | | 9.95 | 10.0 | -0.5 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.9071 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.9118 | | 9.30 | 10.0 | -7.0 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.331 | | 9.70 | 10.0 | -3.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.088 | | 9.80 | 10.0 | -2.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.6270 | | 9.07 | 10.0 | -9.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.6257 | | 8.69 | 10.0 | -13.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1711 | | 8.53 | 10.0 | -14.7 | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5575 | | 9.27 | 10.0 | -7.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5722 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.3280 | | 7.87 | 10.0 | -21.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.3161 | | 9.06 | 10.0 | -9.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4758 | | 8.62 | 10.0 | -13.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3736 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Naphthalene | Ave | 1.266 | 0.9686 | | 8.88 | 11.6 | -23.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: CCVIS 410-694598/3  Calibration Date: 09/04/2025 12:28

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7S04X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 0.4224 | 0.5408 | | 12.8 | 10.0 | 28.0 | 30.0 |
| Dichlorodifluoromethane | Ave | 1.965 | 1.960 | | 9.98 | 10.0 | -0.2 | 30.0 |
| Chlorodifluoromethane | Ave | 0.9049 | 1.107 | | 12.2 | 10.0 | 22.3 | 30.0 |
| Freon-114 | Ave | 1.796 | 1.992 | | 11.1 | 10.0 | 10.9 | 30.0 |
| Chloromethane | Ave | 0.5574 | 0.6640 | | 11.9 | 10.0 | 19.1 | 30.0 |
| Vinyl chloride | Ave | 0.6674 | 0.7543 | | 11.3 | 10.0 | 13.0 | 30.0 |
| 1,3-Butadiene | Ave | 0.5409 | 0.5386 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Bromomethane | Ave | 0.6020 | 0.5510 | | 9.15 | 10.0 | -8.5 | 30.0 |
| Chloroethane | Ave | 0.3798 | 0.3817 | | 10.1 | 10.0 | 0.5 | 30.0 |
| Bromoethene | Ave | 0.7659 | 0.7349 | | 9.60 | 10.0 | -4.0 | 30.0 |
| Dichlorofluoromethane | Ave | 1.634 | 1.692 | | 10.4 | 10.0 | 3.6 | 30.0 |
| Trichlorofluoromethane | Ave | 1.986 | 1.926 | | 9.70 | 10.0 | -3.0 | 30.0 |
| Pentane | Ave | 1.122 | 1.175 | | 10.5 | 10.0 | 4.7 | 30.0 |
| Ethanol | Ave | 0.1396 | 0.1418 | | 11.8 | 11.6 | 1.6 | 30.0 |
| Acrolein | Ave | 0.2794 | 0.2692 | | 11.2 | 11.6 | -3.7 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.159 | 1.091 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Acetone | Ave | 1.037 | 1.058 | | 10.2 | 10.0 | 2.0 | 30.0 |
| Freon 113 | Ave | 1.014 | 0.9685 | | 9.56 | 10.0 | -4.5 | 30.0 |
| Isopropanol | Ave | 0.8996 | 0.8002 | | 8.90 | 10.0 | -11.1 | 30.0 |
| Iodomethane | Ave | 1.818 | 1.743 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Carbon disulfide | Ave | 2.333 | 2.335 | | 10.0 | 10.0 | 0.0 | 30.0 |
| Acetonitrile | Ave | 0.2402 | 0.2902 | | 14.0 | 11.6 | 20.8 | 30.0 |
| 3-Chloroprene | Ave | 0.8933 | 0.8866 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Methylene Chloride | Ave | 0.6587 | 0.6323 | | 9.60 | 10.0 | -4.0 | 30.0 |
| tert-Butyl alcohol | Ave | 1.025 | 0.8506 | | 9.46 | 11.4 | -17.0 | 30.0 |
| Acrylonitrile | Ave | 0.5768 | 0.6085 | | 10.6 | 10.0 | 5.5 | 30.0 |
| Methyl t-butyl ether | Ave | 2.194 | 1.987 | | 9.06 | 10.0 | -9.4 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.211 | 1.161 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Hexane | Ave | 0.5917 | 0.5769 | | 9.75 | 10.0 | -2.5 | 30.0 |
| Vinyl acetate | Ave | 0.1931 | 0.1495 | | 8.75 | 11.3 | -22.6 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.416 | 1.345 | | 9.50 | 10.0 | -5.0 | 30.0 |
| di-Isopropyl ether | Ave | 2.242 | 2.463 | | 11.0 | 10.0 | 9.9 | 30.0 |
| Ethyl tert-butyl ether | Ave | 2.386 | 2.284 | | 9.58 | 10.0 | -4.3 | 30.0 |
| 2-Butanone | Ave | 0.4226 | 0.3783 | | 8.95 | 10.0 | -10.5 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.376 | 1.291 | | 9.38 | 10.0 | -6.2 | 30.0 |
| Ethyl acetate | Ave | 0.2292 | 0.2025 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Methyl acrylate | Ave | 1.413 | 1.360 | | 9.62 | 10.0 | -3.8 | 30.0 |
| Tetrahydrofuran | Ave | 0.8247 | 0.8162 | | 9.90 | 10.0 | -1.0 | 30.0 |
| Chloroform | Ave | 1.772 | 1.608 | | 9.08 | 10.0 | -9.3 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 1.659 | 1.535 | | 9.26 | 10.0 | -7.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: CCVIS 410-694598/3  Calibration Date: 09/04/2025 12:28

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7S04X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Cyclohexane | Ave | 1.233 | 1.162 | | 9.42 | 10.0 | -5.8 | 30.0 |
| Carbon tetrachloride | Ave | 1.776 | 1.532 | | 8.63 | 10.0 | -13.7 | 30.0 |
| Benzene | Ave | 0.6947 | 0.6334 | | 9.12 | 10.0 | -8.8 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3145 | 0.2759 | | 8.77 | 10.0 | -12.3 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.5998 | 0.5599 | | 9.34 | 10.0 | -6.6 | 30.0 |
| Isooctane | Ave | 1.010 | 1.013 | | 10.0 | 10.0 | 0.3 | 30.0 |
| Heptane | Ave | 0.2412 | 0.2136 | | 8.86 | 10.0 | -11.5 | 30.0 |
| Trichloroethene | Ave | 0.3295 | 0.2739 | | 8.31 | 10.0 | -16.9 | 30.0 |
| Ethyl acrylate | Ave | 0.4280 | 0.4343 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2704 | 0.2512 | | 9.29 | 10.0 | -7.1 | 30.0 |
| Methyl methacrylate | Ave | 0.2441 | 0.2205 | | 9.03 | 10.0 | -9.7 | 30.0 |
| 1,4-Dioxane | Ave | 0.1051 | 0.1069 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Dibromomethane | Ave | 0.3051 | 0.2526 | | 8.28 | 10.0 | -17.2 | 30.0 |
| Bromodichloromethane | Ave | 0.5070 | 0.4553 | | 8.98 | 10.0 | -10.2 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4615 | 0.3747 | | 8.12 | 10.0 | -18.8 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.4605 | 0.4659 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Toluene | Ave | 0.9368 | 0.8490 | | 9.06 | 10.0 | -9.4 | 30.0 |
| Octane | Ave | 0.5598 | 0.5456 | | 9.75 | 10.0 | -2.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3927 | 0.3269 | | 8.33 | 10.0 | -16.7 | 30.0 |
| Ethyl methacrylate | Ave | 0.4163 | 0.3942 | | 9.47 | 10.0 | -5.3 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3290 | 0.2915 | | 8.86 | 10.0 | -11.4 | 30.0 |
| Tetrachloroethene | Ave | 0.4548 | 0.4230 | | 9.30 | 10.0 | -7.0 | 30.0 |
| 2-Hexanone | Ave | 0.4255 | 0.4854 | | 11.4 | 10.0 | 14.1 | 30.0 |
| Dibromochloromethane | Ave | 0.4602 | 0.3866 | | 8.40 | 10.0 | -16.0 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5231 | 0.4431 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Chlorobenzene | Ave | 0.7454 | 0.6313 | | 8.47 | 10.0 | -15.3 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3790 | 0.3341 | | 8.82 | 10.0 | -11.8 | 30.0 |
| Ethylbenzene | Ave | 1.172 | 1.068 | | 9.11 | 10.0 | -8.9 | 30.0 |
| m&p-Xylene | Ave | 0.8532 | 0.7921 | | 18.6 | 20.0 | -7.2 | 30.0 |
| o-Xylene | Ave | 0.9025 | 0.8253 | | 9.14 | 10.0 | -8.6 | 30.0 |
| Styrene | Ave | 0.6996 | 0.6042 | | 8.64 | 10.0 | -13.6 | 30.0 |
| Bromoform | Ave | 0.5304 | 0.4474 | | 8.43 | 10.0 | -15.7 | 30.0 |
| Cumene | Ave | 1.250 | 1.090 | | 8.72 | 10.0 | -12.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6426 | 0.6158 | | 9.58 | 10.0 | -4.2 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1718 | 0.1541 | | 8.97 | 10.0 | -10.3 | 30.0 |
| Bromobenzene | Ave | 0.4284 | 0.3510 | | 8.19 | 10.0 | -18.1 | 30.0 |
| N-Propylbenzene | Ave | 0.3485 | 0.2835 | | 8.13 | 10.0 | -18.7 | 30.0 |
| 4-Ethyltoluene | Ave | 1.113 | 1.124 | | 10.1 | 10.0 | 1.1 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3323 | 0.2632 | | 7.92 | 10.0 | -20.8 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 0.9521 | 0.8682 | | 9.12 | 10.0 | -8.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Lab Sample ID: CCVIS 410-694598/3  Calibration Date: 09/04/2025 12:28

Instrument ID: HP8R004  Calib Start Date: 07/10/2025 11:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 07/10/2025 16:26

Lab File ID: 7S04X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.4735 | 0.3807 | | 9.33 | 11.6 | -19.6 | 30.0 |
| tert-Butylbenzene | Ave | 0.9050 | 0.8436 | | 9.32 | 10.0 | -6.8 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 0.9808 | 0.8869 | | 9.04 | 10.0 | -9.6 | 30.0 |
| sec-Butylbenzene | Ave | 1.372 | 1.238 | | 9.02 | 10.0 | -9.8 | 30.0 |
| p-Isopropyltoluene | Ave | 1.109 | 1.039 | | 9.36 | 10.0 | -6.4 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.6914 | 0.5838 | | 8.44 | 10.0 | -15.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7203 | 0.5899 | | 8.19 | 10.0 | -18.1 | 30.0 |
| Benzyl chloride | Ave | 0.2007 | 0.1279 | | 6.37 | 10.0 | -36.3* | 30.0 |
| n-Butylbenzene | Ave | 0.6013 | 0.5245 | | 8.72 | 10.0 | -12.8 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6473 | 0.5480 | | 8.47 | 10.0 | -15.3 | 30.0 |
| Hexachloroethane | Ave | 0.4166 | 0.2334 | | 5.60 | 10.0 | -44.0* | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3489 | 0.2777 | | 7.96 | 10.0 | -20.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5519 | 0.4642 | | 8.41 | 10.0 | -15.9 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4255 | 0.3858 | | 9.07 | 10.0 | -9.3 | 30.0 |
| Naphthalene | Ave | 1.266 | 1.096 | | 8.66 | 10.0 | -13.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: ICV 410-692668/15  Calibration Date: 08/30/2025 02:14

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6G29X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 1.155 | 0.9753 | | 4.22 | 5.00 | -15.6 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.748 | 2.790 | | 5.08 | 5.00 | 1.5 | 30.0 |
| Chlorodifluoromethane | Ave | 2.014 | 2.072 | | 5.14 | 5.00 | 2.9 | 30.0 |
| Freon-114 | Ave | 3.086 | 3.048 | | 4.94 | 5.00 | -1.2 | 30.0 |
| Chloromethane | Qua | | 1.107 | | 4.65 | 5.00 | -7.0 | |
| Vinyl chloride | Ave | 1.307 | 1.252 | | 4.79 | 5.00 | -4.2 | 30.0 |
| 1,3-Butadiene | Ave | 1.056 | 0.9541 | | 4.52 | 5.00 | -9.7 | 30.0 |
| Bromomethane | Ave | 0.8037 | 0.7805 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Chloroethane | Ave | 0.7051 | 0.7671 | | 5.44 | 5.00 | 8.8 | 30.0 |
| Bromoethene | Ave | 1.049 | 0.9765 | | 4.66 | 5.00 | -6.9 | 30.0 |
| Trichlorofluoromethane | Ave | 2.749 | 2.585 | | 4.70 | 5.00 | -6.0 | 30.0 |
| Dichlorofluoromethane | Ave | 2.807 | 2.718 | | 4.84 | 5.00 | -3.2 | 30.0 |
| Pentane | Ave | 2.424 | 2.241 | | 4.62 | 5.00 | -7.5 | 30.0 |
| Ethanol | Ave | 0.5149 | 0.5762 | | 5.60 | 5.00 | 11.9 | 30.0 |
| Acrolein | Ave | 0.6165 | 0.4795 | | 4.39 | 5.65 | -22.2 | 30.0 |
| Freon 113 | Ave | 1.315 | 1.374 | | 5.22 | 5.00 | 4.4 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.906 | 2.014 | | 5.28 | 5.00 | 5.7 | 30.0 |
| Acetone | Ave | 2.374 | 2.122 | | 4.47 | 5.00 | -10.6 | 30.0 |
| Iodomethane | Ave | 2.102 | 2.336 | | 5.56 | 5.00 | 11.2 | 30.0 |
| Carbon disulfide | Ave | 3.735 | 3.116 | | 4.17 | 5.00 | -16.6 | 30.0 |
| Isopropanol | Ave | 3.153 | 2.492 | | 3.95 | 5.00 | -21.0 | 30.0 |
| 3-Chloroprene | Ave | 1.918 | 1.833 | | 4.78 | 5.00 | -4.4 | 30.0 |
| Acetonitrile | Ave | 1.169 | 1.262 | | 5.40 | 5.00 | 8.0 | 30.0 |
| Methylene Chloride | Ave | 1.055 | 1.009 | | 4.78 | 5.00 | -4.4 | 30.0 |
| tert-Butyl alcohol | Ave | 2.911 | 2.663 | | 5.08 | 5.55 | -8.5 | 30.0 |
| Methyl t-butyl ether | Ave | 3.722 | 3.311 | | 4.45 | 5.00 | -11.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.936 | 1.794 | | 4.63 | 5.00 | -7.4 | 30.0 |
| Acrylonitrile | Ave | 1.192 | 1.085 | | 4.55 | 5.00 | -9.0 | 30.0 |
| Hexane | Ave | 1.206 | 1.032 | | 4.28 | 5.00 | -14.4 | 30.0 |
| di-Isopropyl ether | Ave | 5.158 | 4.676 | | 4.53 | 5.00 | -9.3 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.270 | 2.235 | | 4.92 | 5.00 | -1.6 | 30.0 |
| Vinyl acetate | Ave | 0.2951 | 0.3172 | | 5.38 | 5.00 | 7.5 | 30.0 |
| Ethyl tert-butyl ether | Ave | 4.376 | 4.084 | | 4.67 | 5.00 | -6.7 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.765 | 1.701 | | 4.82 | 5.00 | -3.6 | 30.0 |
| 2-Butanone | Ave | 0.7203 | 0.6109 | | 4.24 | 5.00 | -15.2 | 30.0 |
| Ethyl acetate | Ave | 0.3765 | 0.2966 | | 3.94 | 5.00 | -21.2 | 30.0 |
| Methyl acrylate | Ave | 2.652 | 2.343 | | 4.42 | 5.00 | -11.7 | 30.0 |
| Tetrahydrofuran | Ave | 1.711 | 1.580 | | 4.62 | 5.00 | -7.7 | 30.0 |
| Chloroform | Ave | 2.391 | 2.346 | | 4.91 | 5.00 | -1.9 | 30.0 |
| Cyclohexane | Ave | 2.393 | 2.072 | | 4.33 | 5.00 | -13.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: ICV 410-692668/15  Calibration Date: 08/30/2025 02:14

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6G29X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | Ave | 2.434 | 2.269 | | 4.66 | 5.00 | -6.8 | 30.0 |
| Carbon tetrachloride | Ave | 2.203 | 2.099 | | 4.76 | 5.00 | -4.7 | 30.0 |
| Isooctane | Ave | 1.561 | 1.516 | | 4.86 | 5.00 | -2.9 | 30.0 |
| Benzene | Ave | 0.8962 | 0.8379 | | 4.67 | 5.00 | -6.5 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.9446 | 0.8494 | | 4.50 | 5.00 | -10.1 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4253 | 0.3911 | | 4.60 | 5.00 | -8.0 | 30.0 |
| Heptane | Ave | 0.3516 | 0.3150 | | 4.48 | 5.00 | -10.4 | 30.0 |
| Trichloroethene | Ave | 0.3334 | 0.3106 | | 4.66 | 5.00 | -6.8 | 30.0 |
| Ethyl acrylate | Ave | 0.8005 | 0.7114 | | 4.44 | 5.00 | -11.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4007 | 0.3387 | | 4.23 | 5.00 | -15.5 | 30.0 |
| Methyl methacrylate | Ave | 0.3732 | 0.3235 | | 4.33 | 5.00 | -13.3 | 30.0 |
| 1,4-Dioxane | Ave | 0.2188 | 0.1997 | | 4.56 | 5.00 | -8.7 | 30.0 |
| Dibromomethane | Ave | 0.3047 | 0.2620 | | 4.30 | 5.00 | -14.0 | 30.0 |
| Bromodichloromethane | Ave | 0.6327 | 0.5671 | | 4.48 | 5.00 | -10.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5886 | 0.5132 | | 4.36 | 5.00 | -12.8 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.8859 | 0.7917 | | 4.47 | 5.00 | -10.6 | 30.0 |
| Toluene | Ave | 1.079 | 0.9408 | | 4.36 | 5.00 | -12.8 | 30.0 |
| Octane | Ave | 0.9263 | 0.7998 | | 4.32 | 5.00 | -13.7 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4722 | 0.4336 | | 4.59 | 5.00 | -8.2 | 30.0 |
| Ethyl methacrylate | Ave | 0.5899 | 0.5126 | | 4.35 | 5.00 | -13.1 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3528 | 0.3062 | | 4.34 | 5.00 | -13.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4762 | 0.3669 | | 3.85 | 5.00 | -22.9 | 30.0 |
| 2-Hexanone | Ave | 0.8387 | 0.7388 | | 4.41 | 5.00 | -11.9 | 30.0 |
| Dibromochloromethane | Ave | 0.4083 | 0.3618 | | 4.43 | 5.00 | -11.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5064 | 0.4443 | | 4.39 | 5.00 | -12.3 | 30.0 |
| Chlorobenzene | Ave | 0.7777 | 0.6406 | | 4.12 | 5.00 | -17.6 | 30.0 |
| Ethylbenzene | Ave | 1.375 | 1.143 | | 4.16 | 5.00 | -16.8 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3817 | 0.3313 | | 4.34 | 5.00 | -13.2 | 30.0 |
| m&p-Xylene | Ave | 1.041 | 0.9064 | | 4.36 | 5.00 | -12.9 | 30.0 |
| o-Xylene | Ave | 1.100 | 0.8592 | | 3.90 | 5.00 | -21.9 | 30.0 |
| Styrene | Ave | 0.7626 | 0.5943 | | 3.90 | 5.00 | -22.1 | 30.0 |
| Bromoform | Ave | 0.4615 | 0.3874 | | 4.20 | 5.00 | -16.0 | 30.0 |
| Cumene | Ave | 1.390 | 1.125 | | 4.05 | 5.00 | -19.0 | 30.0 |
| Bromobenzene | Ave | 0.4152 | 0.3164 | | 3.81 | 5.00 | -23.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8187 | 0.6442 | | 3.93 | 5.00 | -21.3 | 30.0 |
| N-Propylbenzene | Ave | 0.3785 | 0.2881 | | 3.81 | 5.00 | -23.9 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2258 | 0.1713 | | 3.79 | 5.00 | -24.1 | 30.0 |
| 4-Ethyltoluene | Ave | 1.327 | 1.085 | | 4.09 | 5.00 | -18.3 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3324 | 0.2562 | | 3.85 | 5.00 | -22.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.169 | 0.9081 | | 3.88 | 5.00 | -22.3 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: ICV 410-692668/15  Calibration Date: 08/30/2025 02:14

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6G29X15.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.5110 | 0.4052 | | 3.97 | 5.00 | -20.7 | 30.0 |
| tert-Butylbenzene | Ave | 1.036 | 0.8344 | | 4.03 | 5.00 | -19.5 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.181 | 0.9011 | | 3.82 | 5.00 | -23.7 | 30.0 |
| sec-Butylbenzene | Ave | 1.674 | 1.306 | | 3.90 | 5.00 | -22.0 | 30.0 |
| p-Isopropyltoluene | Ave | 1.386 | 1.070 | | 3.86 | 5.00 | -22.8 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.7051 | 0.5575 | | 3.95 | 5.00 | -20.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7210 | 0.5661 | | 3.93 | 5.00 | -21.5 | 30.0 |
| Benzyl chloride | Ave | 0.2071 | 0.1654 | | 3.99 | 5.00 | -20.1 | 30.0 |
| n-Butylbenzene | Ave | 0.7685 | 0.6338 | | 4.12 | 5.00 | -17.5 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6841 | 0.5392 | | 3.94 | 5.00 | -21.2 | 30.0 |
| Hexachloroethane | Ave | 0.3695 | 0.3569 | | 4.83 | 5.00 | -3.4 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3774 | 0.3383 | | 4.48 | 5.00 | -10.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5708 | 0.5440 | | 4.77 | 5.00 | -4.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4356 | 0.4525 | | 5.19 | 5.00 | 3.9 | 30.0 |
| Naphthalene | Ave | 1.411 | 1.189 | | 4.89 | 5.80 | -15.7 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: CCVIS 410-697757/3  Calibration Date: 09/11/2025 09:00

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6S11X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propene | Ave | 1.155 | 1.076 | | 4.66 | 5.00 | -6.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.748 | 2.873 | | 5.23 | 5.00 | 4.5 | 30.0 |
| Chlorodifluoromethane | Ave | 2.014 | 1.985 | | 4.93 | 5.00 | -1.4 | 30.0 |
| Freon-114 | Ave | 3.086 | 3.090 | | 5.01 | 5.00 | 0.1 | 30.0 |
| Chloromethane | Qua | | 1.203 | | 5.09 | 5.00 | 1.8 | |
| Vinyl chloride | Ave | 1.307 | 1.307 | | 5.00 | 5.00 | -0.0 | 30.0 |
| 1,3-Butadiene | Ave | 1.056 | 1.056 | | 5.00 | 5.00 | 0.0 | 30.0 |
| Bromomethane | Ave | 0.8037 | 0.9396 | | 5.85 | 5.00 | 16.9 | 30.0 |
| Chloroethane | Ave | 0.7051 | 0.7032 | | 4.99 | 5.00 | -0.3 | 30.0 |
| Bromoethene | Ave | 1.049 | 0.996 | | 4.75 | 5.00 | -5.0 | 30.0 |
| Trichlorofluoromethane | Ave | 2.749 | 2.696 | | 4.90 | 5.00 | -1.9 | 30.0 |
| Dichlorofluoromethane | Ave | 2.807 | 2.694 | | 4.80 | 5.00 | -4.0 | 30.0 |
| Pentane | Ave | 2.424 | 2.154 | | 4.44 | 5.00 | -11.1 | 30.0 |
| Ethanol | Ave | 0.5149 | 0.4504 | | 5.07 | 5.80 | -12.5 | 30.0 |
| Acrolein | Ave | 0.6165 | 0.4715 | | 4.44 | 5.80 | -23.5 | 30.0 |
| Freon 113 | Ave | 1.315 | 1.318 | | 5.01 | 5.00 | 0.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.906 | 1.801 | | 4.73 | 5.00 | -5.5 | 30.0 |
| Acetone | Ave | 2.374 | 2.203 | | 4.64 | 5.00 | -7.2 | 30.0 |
| Iodomethane | Ave | 2.102 | 2.015 | | 4.79 | 5.00 | -4.1 | 30.0 |
| Carbon disulfide | Ave | 3.735 | 3.279 | | 4.39 | 5.00 | -12.2 | 30.0 |
| Isopropanol | Ave | 3.153 | 2.419 | | 3.84 | 5.00 | -23.3 | 30.0 |
| 3-Chloroprene | Ave | 1.918 | 1.602 | | 4.18 | 5.00 | -16.5 | 30.0 |
| Acetonitrile | Ave | 1.169 | 1.134 | | 5.63 | 5.80 | -3.0 | 30.0 |
| Methylene Chloride | Ave | 1.055 | 0.9502 | | 4.50 | 5.00 | -9.9 | 30.0 |
| tert-Butyl alcohol | Ave | 2.911 | 2.356 | | 4.61 | 5.70 | -19.1 | 30.0 |
| Methyl t-butyl ether | Ave | 3.722 | 3.138 | | 4.22 | 5.00 | -15.7 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.936 | 1.884 | | 4.86 | 5.00 | -2.7 | 30.0 |
| Acrylonitrile | Ave | 1.192 | 1.086 | | 4.55 | 5.00 | -8.9 | 30.0 |
| Hexane | Ave | 1.206 | 1.017 | | 4.22 | 5.00 | -15.7 | 30.0 |
| di-Isopropyl ether | Ave | 5.158 | 4.351 | | 4.22 | 5.00 | -15.6 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.270 | 2.184 | | 4.81 | 5.00 | -3.8 | 30.0 |
| Vinyl acetate | Ave | 0.2951 | 0.2640 | | 5.05 | 5.65 | -10.6 | 30.0 |
| Ethyl tert-butyl ether | Ave | 4.376 | 3.826 | | 4.37 | 5.00 | -12.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.765 | 1.629 | | 4.62 | 5.00 | -7.7 | 30.0 |
| 2-Butanone | Ave | 0.7203 | 0.6268 | | 4.35 | 5.00 | -13.0 | 30.0 |
| Ethyl acetate | Ave | 0.3765 | 0.3320 | | 4.41 | 5.00 | -11.8 | 30.0 |
| Methyl acrylate | Ave | 2.652 | 2.314 | | 4.36 | 5.00 | -12.7 | 30.0 |
| Tetrahydrofuran | Ave | 1.711 | 1.542 | | 4.51 | 5.00 | -9.8 | 30.0 |
| Chloroform | Ave | 2.391 | 2.357 | | 4.93 | 5.00 | -1.4 | 30.0 |
| Cyclohexane | Ave | 2.393 | 1.986 | | 4.15 | 5.00 | -17.0 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: CCVIS 410-697757/3  Calibration Date: 09/11/2025 09:00

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6S11X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | Ave | 2.434 | 2.237 | | 4.60 | 5.00 | -8.1 | 30.0 |
| Carbon tetrachloride | Ave | 2.203 | 2.076 | | 4.71 | 5.00 | -5.8 | 30.0 |
| Isooctane | Ave | 1.561 | 1.613 | | 5.17 | 5.00 | 3.3 | 30.0 |
| Benzene | Ave | 0.8962 | 0.9308 | | 5.19 | 5.00 | 3.9 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.9446 | 0.8933 | | 4.73 | 5.00 | -5.4 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4253 | 0.4292 | | 5.05 | 5.00 | 0.9 | 30.0 |
| Heptane | Ave | 0.3516 | 0.3362 | | 4.78 | 5.00 | -4.4 | 30.0 |
| Trichloroethene | Ave | 0.3334 | 0.3467 | | 5.20 | 5.00 | 4.0 | 30.0 |
| Ethyl acrylate | Ave | 0.8005 | 0.7024 | | 4.39 | 5.00 | -12.3 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4007 | 0.3810 | | 4.76 | 5.00 | -4.9 | 30.0 |
| Methyl methacrylate | Ave | 0.3732 | 0.3268 | | 4.38 | 5.00 | -12.4 | 30.0 |
| 1,4-Dioxane | Ave | 0.2188 | 0.2125 | | 4.86 | 5.00 | -2.8 | 30.0 |
| Dibromomethane | Ave | 0.3047 | 0.3074 | | 5.05 | 5.00 | 0.9 | 30.0 |
| Bromodichloromethane | Ave | 0.6327 | 0.6241 | | 4.93 | 5.00 | -1.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5886 | 0.5457 | | 4.64 | 5.00 | -7.3 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 0.8859 | 0.8158 | | 4.60 | 5.00 | -7.9 | 30.0 |
| Toluene | Ave | 1.079 | 1.110 | | 5.15 | 5.00 | 2.9 | 30.0 |
| Octane | Ave | 0.9263 | 0.9289 | | 5.01 | 5.00 | 0.3 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4722 | 0.4417 | | 4.68 | 5.00 | -6.5 | 30.0 |
| Ethyl methacrylate | Ave | 0.5899 | 0.5449 | | 4.62 | 5.00 | -7.6 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3528 | 0.3845 | | 5.45 | 5.00 | 9.0 | 30.0 |
| Tetrachloroethene | Ave | 0.4762 | 0.4895 | | 5.14 | 5.00 | 2.8 | 30.0 |
| 2-Hexanone | Ave | 0.8387 | 0.7971 | | 4.75 | 5.00 | -5.0 | 30.0 |
| Dibromochloromethane | Ave | 0.4083 | 0.4276 | | 5.24 | 5.00 | 4.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5064 | 0.5529 | | 5.46 | 5.00 | 9.2 | 30.0 |
| Chlorobenzene | Ave | 0.7777 | 0.8094 | | 5.20 | 5.00 | 4.1 | 30.0 |
| Ethylbenzene | Ave | 1.375 | 1.391 | | 5.06 | 5.00 | 1.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3817 | 0.4207 | | 5.51 | 5.00 | 10.2 | 30.0 |
| m&p-Xylene | Ave | 1.041 | 1.099 | | 10.6 | 10.0 | 5.6 | 30.0 |
| o-Xylene | Ave | 1.100 | 1.079 | | 4.90 | 5.00 | -2.0 | 30.0 |
| Styrene | Ave | 0.7626 | 0.7816 | | 5.12 | 5.00 | 2.5 | 30.0 |
| Bromoform | Ave | 0.4615 | 0.4702 | | 5.09 | 5.00 | 1.9 | 30.0 |
| Cumene | Ave | 1.390 | 1.440 | | 5.18 | 5.00 | 3.6 | 30.0 |
| Bromobenzene | Ave | 0.4152 | 0.4530 | | 5.46 | 5.00 | 9.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8187 | 0.8989 | | 5.49 | 5.00 | 9.8 | 30.0 |
| N-Propylbenzene | Ave | 0.3785 | 0.3844 | | 5.08 | 5.00 | 1.6 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2258 | 0.2303 | | 5.10 | 5.00 | 2.0 | 30.0 |
| 4-Ethyltoluene | Ave | 1.327 | 1.441 | | 5.43 | 5.00 | 8.6 | 30.0 |
| 2-Chlorotoluene | Ave | 0.3324 | 0.3539 | | 5.32 | 5.00 | 6.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.169 | 1.240 | | 5.30 | 5.00 | 6.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Lab Sample ID: CCVIS 410-697757/3  Calibration Date: 09/11/2025 09:00

Instrument ID: HP26379  Calib Start Date: 08/29/2025 20:42

GC Column: Rtx-VMS 60m  ID: 0.25(mm)  Calib End Date: 08/29/2025 23:57

Lab File ID: 6S11X02.D  Conc. Units: ppb v/v  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Alpha Methyl Styrene | Ave | 0.5110 | 0.4705 | | 5.34 | 5.80 | -7.9 | 30.0 |
| tert-Butylbenzene | Ave | 1.036 | 1.127 | | 5.44 | 5.00 | 8.7 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.181 | 1.247 | | 5.28 | 5.00 | 5.6 | 30.0 |
| sec-Butylbenzene | Ave | 1.674 | 1.776 | | 5.31 | 5.00 | 6.1 | 30.0 |
| p-Isopropyltoluene | Ave | 1.386 | 1.408 | | 5.08 | 5.00 | 1.6 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 0.7051 | 0.7853 | | 5.57 | 5.00 | 11.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.7210 | 0.7828 | | 5.43 | 5.00 | 8.6 | 30.0 |
| Benzyl chloride | Ave | 0.2071 | 0.1875 | | 4.53 | 5.00 | -9.5 | 30.0 |
| n-Butylbenzene | Ave | 0.7685 | 0.7945 | | 5.17 | 5.00 | 3.4 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6841 | 0.7279 | | 5.32 | 5.00 | 6.4 | 30.0 |
| Hexachloroethane | Ave | 0.3695 | 0.3679 | | 4.98 | 5.00 | -0.4 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.3774 | 0.3470 | | 4.60 | 5.00 | -8.1 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.5708 | 0.5017 | | 4.39 | 5.00 | -12.1 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4356 | 0.4379 | | 5.03 | 5.00 | 0.5 | 30.0 |
| Naphthalene | Ave | 1.411 | 1.187 | | 4.21 | 5.00 | -15.9 | 30.0 |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 11:42

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-237855-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/17/2025 22:37

Analysis Batch Number: 686637  End Date: 08/18/2025 17:44

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-686637/1 | | 08/17/2025 22:37 | 1 | 7G17T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-686637/3 | | 08/17/2025 23:35 | 1 | 7G17X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-686637/4 | | 08/18/2025 08:11 | 1 | 7G17X08.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-686637/5 | | 08/18/2025 08:40 | 1 | 7G17X09.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-686637/7 | | 08/18/2025 09:38 | 1 | 7G17X11.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 10:27 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 10:53 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 11:27 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 12:22 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 12:52 | 200 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 13:18 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 14:17 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 14:47 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 15:16 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 15:46 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-237855-1 | 1907 | 08/18/2025 16:16 | 1 | 7G17X24.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 16:45 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 17:15 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/18/2025 17:44 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 10:38

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-669024/1 | | 07/10/2025 10:38 | 1 | 7L10T02.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-238933-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/24/2025 16:40

Analysis Batch Number: 689842  End Date: 08/25/2025 16:03

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-689842/1 | | 08/24/2025 16:40 | 1 | 7G24T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-689842/3 | | 08/24/2025 18:04 | 1 | 7G24X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-689842/4 | | 08/24/2025 19:01 | 1 | 7G24X03.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-689842/5 | | 08/24/2025 19:30 | 1 | 7G24X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-689842/7 | | 08/24/2025 20:36 | 1 | 7G24X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 08:11 | 20 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 08:37 | 10 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 09:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 10:13 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 11:16 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 11:49 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 12:23 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 12:56 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 14:00 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 14:34 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/25/2025 15:33 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-238933-1 | 1501 | 08/25/2025 16:03 | 1 | 7G24X24.D | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 10:38

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-669024/1 | | 07/10/2025 10:38 | 1 | 7L10T02.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-239418-1

SDG No.:

Instrument ID: HP8R004  Start Date: 08/27/2025 07:51

Analysis Batch Number: 691081  End Date: 08/28/2025 00:20

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-691081/1 | | 08/27/2025 07:51 | 1 | 7G27T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-691081/3 | | 08/27/2025 12:04 | 1 | 7G27X06.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-691081/4 | | 08/27/2025 13:10 | 1 | 7G27X07.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-691081/5 | | 08/27/2025 13:39 | 1 | 7G27X08.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-691081/7 | | 08/27/2025 14:38 | 1 | 7G27X10.D | Rtx-VMS 60m 0.25(mm) |
| 410-239418-1 | 1651 | 08/27/2025 15:08 | 1 | 7G27X11.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 15:37 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 16:07 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 16:41 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 17:15 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 17:49 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 18:23 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 18:51 | 400 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 19:56 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 20:31 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 21:05 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 21:39 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 22:13 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 23:16 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/27/2025 23:51 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 08/28/2025 00:20 | 2 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-240036-1

SDG No.:

Instrument ID: HP22820

Start Date: 08/19/2025 12:55

Analysis Batch Number: 687586

End Date: 08/19/2025 19:59

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-687586/1 | | 08/19/2025 12:55 | 1 | 5G19T01.D | DB-624 30m 0.25(mm) |
| IC 410-687586/3 | | 08/19/2025 13:40 | 1 | 5G19X02.D | DB-624 30m 0.25(mm) |
| IC 410-687586/4 | | 08/19/2025 14:01 | 1 | 5G19X03.D | DB-624 30m 0.25(mm) |
| IC 410-687586/5 | | 08/19/2025 14:23 | 1 | 5G19X04.D | DB-624 30m 0.25(mm) |
| ZZZZZ (QC) | | 08/19/2025 14:23 | 1 | | DB-624 30m 0.25(mm) |
| IC 410-687586/6 | | 08/19/2025 14:44 | 1 | 5G19X05.D | DB-624 30m 0.25(mm) |
| ZZZZZ (QC) | | 08/19/2025 14:44 | 1 | | DB-624 30m 0.25(mm) |
| IC 410-687586/7 | | 08/19/2025 15:05 | 1 | 5G19X06.D | DB-624 30m 0.25(mm) |
| IC 410-687586/8 | | 08/19/2025 15:27 | 1 | 5G19X07.D | DB-624 30m 0.25(mm) |
| ICISAV 410-687586/9 | | 08/19/2025 15:52 | 1 | 5G19X08.D | DB-624 30m 0.25(mm) |
| CCVIS 410-687586/1009 | | 08/19/2025 15:52 | 1 | | DB-624 30m 0.25(mm) |
| IC 410-687586/10 | | 08/19/2025 16:16 | 1 | 5G19X09.D | DB-624 30m 0.25(mm) |
| IC 410-687586/11 | | 08/19/2025 16:43 | 1 | 5G19X10.D | DB-624 30m 0.25(mm) |
| ICV 410-687586/16 | | 08/19/2025 18:45 | 1 | 5G19X15.D | DB-624 30m 0.25(mm) |
| ZZZZZ (QC) | | 08/19/2025 18:45 | 1 | | DB-624 30m 0.25(mm) |
| ZZZZZ (QC) | | 08/19/2025 19:10 | 1 | | DB-624 30m 0.25(mm) |
| ZZZZZ (QC) | | 08/19/2025 19:34 | 1 | | DB-624 30m 0.25(mm) |
| ICV 410-687586/19 | | 08/19/2025 19:59 | 1 | | DB-624 30m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-240036-1

SDG No.:

Instrument ID: HP22820  Start Date: 08/31/2025 15:59

Analysis Batch Number: 692984  End Date: 08/31/2025 21:12

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-692984/1 | | 08/31/2025 15:59 | 1 | 5G31T01.D | DB-624 30m 0.25(mm) |
| CCVIS 410-692984/3 | | 08/31/2025 17:11 | 1 | 5G31X02.D | DB-624 30m 0.25(mm) |
| LCS 410-692984/4 | | 08/31/2025 17:50 | 1 | 5G31X03.D | DB-624 30m 0.25(mm) |
| LCSD 410-692984/5 | | 08/31/2025 18:15 | 1 | 5G31X04.D | DB-624 30m 0.25(mm) |
| MB 410-692984/8 | | 08/31/2025 19:28 | 1 | 5G31X07.D | DB-624 30m 0.25(mm) |
| ZZZZZ (Client) | | 08/31/2025 19:53 | 1 | | DB-624 30m 0.25(mm) |
| ZZZZZ (Client) | | 08/31/2025 20:23 | 1 | | DB-624 30m 0.25(mm) |
| ZZZZZ (Client) | | 08/31/2025 20:48 | 1 | | DB-624 30m 0.25(mm) |
| 410-240036-1 | 801 | 08/31/2025 21:12 | 1 | 5G31X11.D | DB-624 30m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Instrument ID: HP8R004  Start Date: 07/10/2025 10:38

Analysis Batch Number: 669024  End Date: 07/10/2025 20:04

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-669024/1 | | 07/10/2025 10:38 | 1 | 7L10T02.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/3 | | 07/10/2025 11:42 | 1 | 7L10X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/4 | | 07/10/2025 12:11 | 1 | 7L10X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/5 | | 07/10/2025 12:40 | 1 | 7L10X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 12:40 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/6 | | 07/10/2025 13:11 | 1 | 7L10X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/7 | | 07/10/2025 13:41 | 1 | 7L10X07.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/8 | | 07/10/2025 14:12 | 1 | 7L10X08.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-669024/9 | | 07/10/2025 14:44 | 1 | 7L10X09.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-669024/1009 | | 07/10/2025 14:44 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/10 | | 07/10/2025 15:15 | 1 | 7L10X10.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/11 | | 07/10/2025 15:49 | 1 | 7L10X11.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-669024/20 | | 07/10/2025 16:26 | 1 | 7L10X12.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-669024/18 | | 07/10/2025 20:04 | 1 | 7L10X18.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 07/10/2025 20:04 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-241184-1

SDG No.:

Instrument ID: HP8R004  Start Date: 09/04/2025 10:58

Analysis Batch Number: 694598  End Date: 09/05/2025 09:25

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-694598/1 | | 09/04/2025 10:58 | 1 | 7S04T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-694598/3 | | 09/04/2025 12:28 | 1 | 7S04X02.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 09/04/2025 14:03 | 1 | | Rtx-VMS 60m 0.25(mm) |
| LCS 410-694598/4 | | 09/04/2025 14:33 | 1 | 7S04X03.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-694598/5 | | 09/04/2025 15:03 | 1 | 7S04X04.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-694598/7 | | 09/04/2025 16:03 | 1 | 7S04X06.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/04/2025 19:12 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-241184-1 | 1463 | 09/04/2025 23:27 | 1 | 7S04X14x.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/04/2025 23:58 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/05/2025 08:52 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/05/2025 09:25 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Instrument ID: HP26379  Start Date: 08/29/2025 19:52

Analysis Batch Number: 692668  End Date: 08/30/2025 03:34

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-692668/1 | | 08/29/2025 19:52 | 1 | 6G29T01.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/3 | | 08/29/2025 20:42 | 1 | 6G29X03.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/4 | | 08/29/2025 21:08 | 1 | 6G29X04.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/5 | | 08/29/2025 21:34 | 1 | 6G29X05.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/29/2025 21:34 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/6 | | 08/29/2025 22:02 | 1 | 6G29X06.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/7 | | 08/29/2025 22:27 | 1 | 6G29X07.D | Rtx-VMS 60m 0.25(mm) |
| ICISAV 410-692668/8 | | 08/29/2025 22:54 | 1 | 6G29X08.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-692668/1008 | | 08/29/2025 22:54 | 1 | | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/9 | | 08/29/2025 23:22 | 1 | 6G29X09.D | Rtx-VMS 60m 0.25(mm) |
| IC 410-692668/10 | | 08/29/2025 23:57 | 1 | 6G29X10.D | Rtx-VMS 60m 0.25(mm) |
| ICV 410-692668/15 | | 08/30/2025 02:14 | 1 | 6G29X15.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 02:14 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 02:41 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (QC) | | 08/30/2025 03:07 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ICV 410-692668/18 | | 08/30/2025 03:34 | 1 | | Rtx-VMS 60m 0.25(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC  Job No.: 410-242113-1

SDG No.:

Instrument ID: HP26379  Start Date: 09/11/2025 08:14

Analysis Batch Number: 697757  End Date: 09/11/2025 21:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 410-697757/1 | | 09/11/2025 08:14 | 1 | 6S11T01.D | Rtx-VMS 60m 0.25(mm) |
| CCVIS 410-697757/3 | | 09/11/2025 09:00 | 1 | 6S11X02.D | Rtx-VMS 60m 0.25(mm) |
| LCS 410-697757/4 | | 09/11/2025 10:12 | 1 | 6S11X04.D | Rtx-VMS 60m 0.25(mm) |
| LCSD 410-697757/5 | | 09/11/2025 10:34 | 1 | 6S11X05.D | Rtx-VMS 60m 0.25(mm) |
| MB 410-697757/7 | | 09/11/2025 11:22 | 1 | 6S11X07.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 14:09 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-240562-A-5 DU | | 09/11/2025 14:37 | 1 | 6S11X10.D | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 15:05 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 15:33 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 16:01 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 16:28 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 16:58 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 17:26 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 17:54 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 18:22 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 18:49 | 1 | | Rtx-VMS 60m 0.25(mm) |
| ZZZZZ (Client) | | 09/11/2025 19:17 | 1 | | Rtx-VMS 60m 0.25(mm) |
| 410-242113-1 | 1904 | 09/11/2025 20:05 | 1 | 6S11X22.D | Rtx-VMS 60m 0.25(mm) |
| 410-242113-2 | 1461 | 09/11/2025 20:29 | 1 | 6S11X23.D | Rtx-VMS 60m 0.25(mm) |
| 410-242113-3 | 1479 | 09/11/2025 20:52 | 1 | 6S11X24.D | Rtx-VMS 60m 0.25(mm) |
| 410-242113-4 | 1938 | 09/11/2025 21:16 | 1 | 6S11X25.D | Rtx-VMS 60m 0.25(mm) |
| 410-242113-5 | 1188 | 09/11/2025 21:40 | 1 | 6S11X26.D | Rtx-VMS 60m 0.25(mm) |

# Subcontract Data

# Shipping and Receiving Documents

# Summa Canister Fie

460-335451 Chain of Custody

460-335451

# of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ For Eurofins Lancaste Sample # _____ Bottle Order (SCR) # 199789

## Client Information

Client: Langan, D.P.C. Account #

Project Name/#: ABC Block 26

Project Manager: Grey Wyka P.O. #

Sampler: RL Roswell Lo Quote #

Name of state where samples were collected: New York

## Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? (Yes) No

EDD Required? (Yes) No

| | Temperature (F) Start | Temperature (F) Stop | Pressure ("Hg) Start | Pressure ("Hg) Stop |
|---|---|---|---|---|
| Ambient | | | | |
| Maximum | | | | |
| Minimum | | | | |

## Analyses Requested

EPA TO - 15 | ☐ MTBE | ☐ BTEX | EPA 18 | EPA 25 (select range below) | Helium as tracer | O2/CO2 | Library Search

| Sample Identification | Start Date/Time (24-hour clock) | Stop Date/Time (24-hour clock) | Canister Pressure in Field ("Hg) (Start) | Canister Pressure in Field ("Hg) (Stop) | Interior Temp. (F) (Start) | Interior Temp. (F) (Stop) | Flow Reg. ID | Can ID | Can Size (L) | Controller Flowrate (mL/min) | EPA TO - 15 | CAN ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C241174_[illegible]_MW16D19D_092025 | 11:17 | 13:02 | -29.13 | -5.01 | 70 | 74 | •A807017 | ~~1907~~ | 6 | 43.4 | X | 1188 |
| C241174_[illegible]_MW16D19D_092025 | 11:12 | 12:44 | -26.64 | -5.03 | 70 | 74 | •105810 | ~~1651~~ | 6 | 43.4 | | 801 |
| C241174_PLR-AA03_MW30D_092025 | 11:37 | 13:35 | -29.00 | -4.39 | 70 | 75 | •A179003 | ~~1463~~ | 6 | 42.0 | | 1651 |
| C241174_PLR-AA03_MW30D_092025 | 11:35 | 13:13 | -28.91 | -4.97 | N/A | 75 | •A908023 | ~~801~~ | 6 | 43.0 | | 1907 |
| C241174_LR-AA03_MW30D_092025 | 16:24 | 18:21 | -29.42 | -4.82 | 70 | 70 | •A805008 | ~~1651~~ | 6 | 40.6 | | 1463 |
| | | | | | | | •A329020 | 1785 | 6 | 41.9 | | |
| C241174_LR-AA04_MW30D_092025 | 16:27 | 18:25 | -28.91 | -4.86 | 70 | 70 | •A179013 | 1461 | 6 | 40.7 | | 1501 |
| C241174_PLR-AA03_MW16D19D | 11:05 | 12:05 | -29.42 | -9.18 | 70 | 75 | •A940018 | 1479 | 6 | 41.2 | | |
| C241174_PLR-AA03_MW16D19D | 11:07 | 12:51 | -26.62 | -2.39 | N/A | 75 | •A997006 | ~~1188~~ | 6 | 41.5 | | 1461 |
| | | | | | | | ~~105810~~ | ~~1651~~ | 6D | | | |
| | | | | | | | | | | | | |

## Instructions/QC Requirements & Comments

Please CC ~~[illegible]~~ datamanagement@langan.com,
C241174_PLR-AA03_MW16D19D_092125 gwyka@langan.com
C241174_PLR-AA03_MW16D19D_092125 rolo@langan.com

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

| Canisters Shipped by: | Date/Time: | Canisters Received by: | Date/Time: | Relinquished by: | Date/Time: | Received by: | Date/Time: |
|---|---|---|---|---|---|---|---|
| WGI 115372 | 10:55 9/16 | Roswell L. | 9/19 9:00 | | 9/23/25 | | |
| Relinquished by: Roswell L. RZ | Date/Time: 9/21 14:35 | Received by: 1745 | Date/Time: 9/22/25 | Relinquished by: | Date/Time: | Received by: | Date/Time: |
| Relinquished by: 1915 | Date/Time: 9/22/25 | Received by: 9/24/25 | Date/Time: 1915 | Relinquished by: | Date/Time: | Received by: Brad Bz | Date/Time: 9/23/25 1635 |

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

Rel 9/23/25

9/23/25

7056 1015



10/16/2025 9:18:09 AM

# Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-335451-1

**Login Number: 335451**
**List Number: 1**
**Creator: Rivera, Kenneth**

**List Source: Eurofins Edison**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | True | |

# Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-335451-1

**Login Number: 335451**
**List Number: 2**
**Creator: Renner, Melissa**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

| Question | Answer | Comment |
|---|---|---|
| The cooler's custody seal is intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | False | Thermal preservation not required. |
| Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen). | N/A | |
| Cooler Temperature is recorded. | N/A | |
| WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen). | N/A | |
| WV:  Container Temperature is recorded. | N/A | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | N/A | |
| There is sufficient vol. for all requested analyses. | True | |
| Is the Field Sampler's name present on COC? | True | |
| Sample custody seals are intact. | N/A | |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)? | N/A | |

# APPENDIX F

# DATA USABILITY SUMMARY REPORT

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

# Technical Memorandum

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

**To:** Greg Wyka, Langan Senior Project Geologist

**From:** Krzysztof Trafalski, Langan Senior Staff Chemist

**Date:** October 3, 2025

**Re:** Data Usability Summary Report
For ABC Block 26
September 2025 Indoor and Ambient Air Samples
Langan Project No.: 170340203

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in September 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C at the ABC Block 26 site. The samples were analyzed by Eurofins – Lancaster, PA via Eurofins – Edison, NJ (NYSDOH NELAP registration # 10670) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

## Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

The following acronyms may be used in the discussion of data-quality issues:

| | | | |
|---|---|---|---|
| %D | Percent Difference | MB | Method Blank |
| CCV | Continuing Calibration Verification | MDL | Method Detection Limit |
| FB | Field Blank | MS | Matrix Spike |
| FD | Field Duplicate | MSD | Matrix Spike Duplicate |
| ICAL | Initial Calibration | RF | Response Factor |
| ICV | Initial Calibration Verification | RL | Reporting Limit |
| ISTD | Internal Standard | RPD | Relative Percent Difference |
| LCL | Lower Control Limit | RSD | Relative Standard Deviation |
| LCS | Laboratory Control Sample | TB | Trip Blank |
| LCSD | Laboratory Control Sample Duplicate | UCL | Upper Control Limit |

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Two (2) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified but the associated numerical value is approximate.
- **UJ –** The analyte was not detected at or above the method detection limit. The method detection limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected above the method detection limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

**MAJOR DEFICIENCIES:**

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

**MINOR DEFICIENCIES:**

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. No minor deficiencies were identified.

**OTHER DEFICIENCIES:**

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

**VOCs by USEPA Method TO-15**

460-334961-1

The LCS for batch 410-700672 exhibited percent recoveries above the UCL for 1,4-dioxane (p-dioxane) (135%) and tert-butyl alcohol (141%). The associated results are non-detect. No qualification is necessary.

**FIELD DUPLICATE:**

A field duplicate and parent sample pair was not collected.

**CONCLUSION:**

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Krzysztof Trafalski
Senior Staff Chemist

**Data Usability Summary Report**
**For ABC Block 26**
**September 2025 Indoor and Ambient Air Samples**
**Table 1: Sample Summary**

| SDG | Lab Sample ID | Client Sample ID | Sample Date | Validation Level | Analytical Parameters |
|---|---|---|---|---|---|
| 460-334962-1 | 460-334962-1 | C241174_BL-IA01_MW16D190_091325 | 9/13/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-334962-1 | 460-334962-2 | C241174_BL-AA01_MW16D190_091325 | 9/13/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-334962-1 | 460-334962-3 | C241174_BL-IA01_MW30P_091325 | 9/13/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-334962-1 | 460-334962-4 | C241174_BL-AA01_MW30P_091325 | 9/13/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-1 | C241174_LR-IA02_MW16D19D_092025 | 9/20/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-2 | C241174_LR-AA02_MW16D19D_092025 | 9/20/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-3 | C241174_PLR-IA03_MW30D_092125 | 9/21/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-4 | C241174_PLR-AA03_MW30D_092125 | 9/21/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-5 | C241174_LR-IA02_MW30D_092025 | 9/20/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-6 | C241174_LR-AA02_MW30D_092025 | 9/20/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-7 | C241174_PLR-IA03_MW16D19D_092125 | 9/21/2025 | Tier 1 | VOCs by USEPA TO-15 |
| 460-335451-1 | 460-335451-8 | C241174_PLR-AA03_MW16D19D_092125 | 9/21/2025 | Tier 1 | VOCs by USEPA TO-15 |

**Data Usability Summary Report**
**For ABC Block 26**
**September 2025 Indoor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| No Qualifications Required | | | | | |

# APPENDIX G

# PHOTOGRAPHIC LOG

# Photographic Log

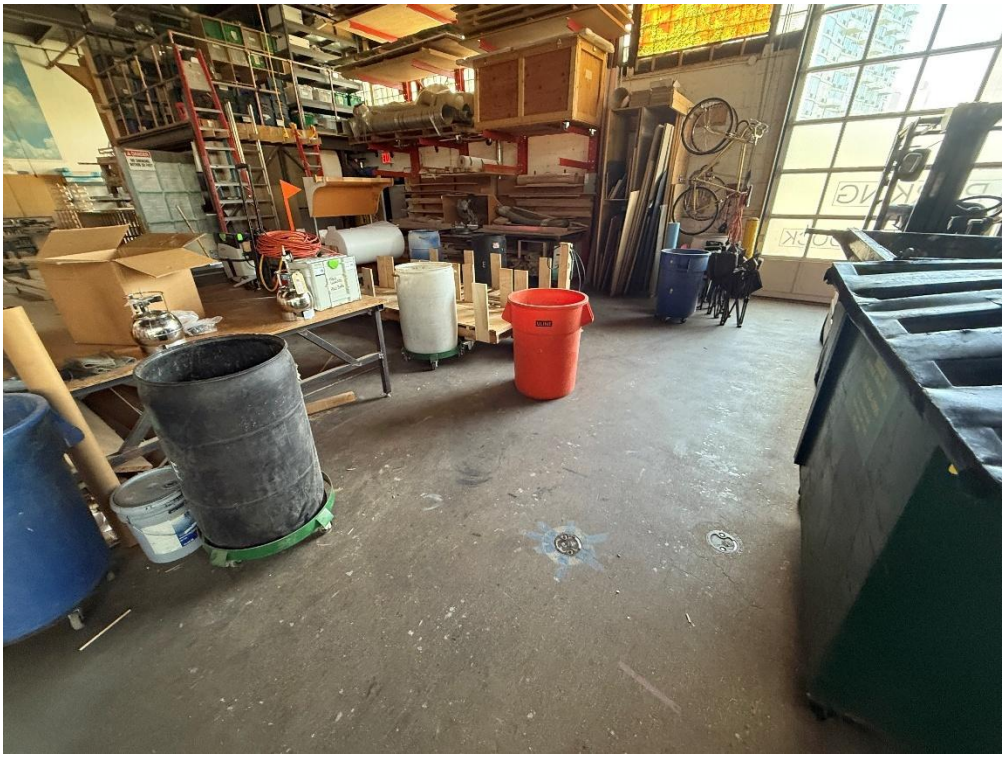


Photo 1 (9/13/2025 – Baseline): View of the baseline indoor air sample next to MW30D

Photo 2 (9/13/2025 -- Baseline): View of Langan installing an absorbent sock at MW16D

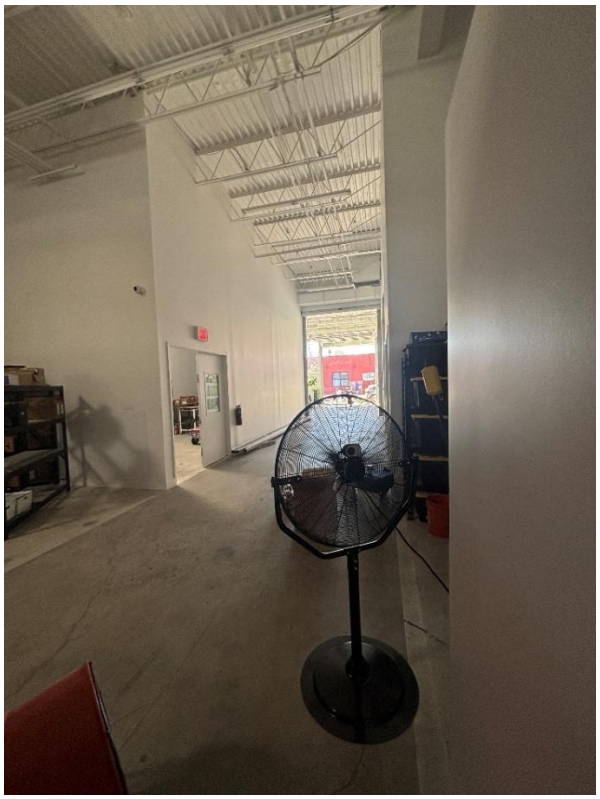


Photo 3 (9/20/2025 – LNAPL Recovery): View of fans blowing outside prior to the LNAPL recovery at MW16D/MW19D

Photo 4 (9/20/2025 – LNAPL Recovery): View of the spent absorbent sock from MW19D

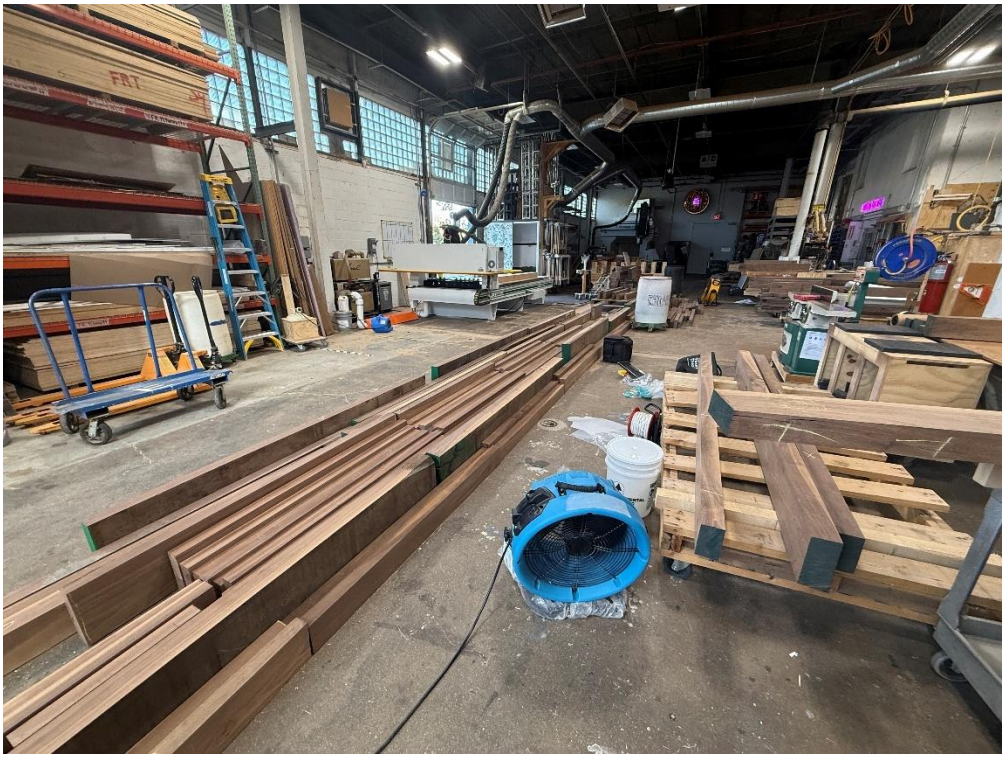


Photo 5 (9/20/2025 – LNAPL Recovery): View of fans blowing outside prior to the LNAPL recovery at MW30D

Photo 6 (9/20/2025 – LNAPL Recovery): View of the spent absorbent sock from MW30D

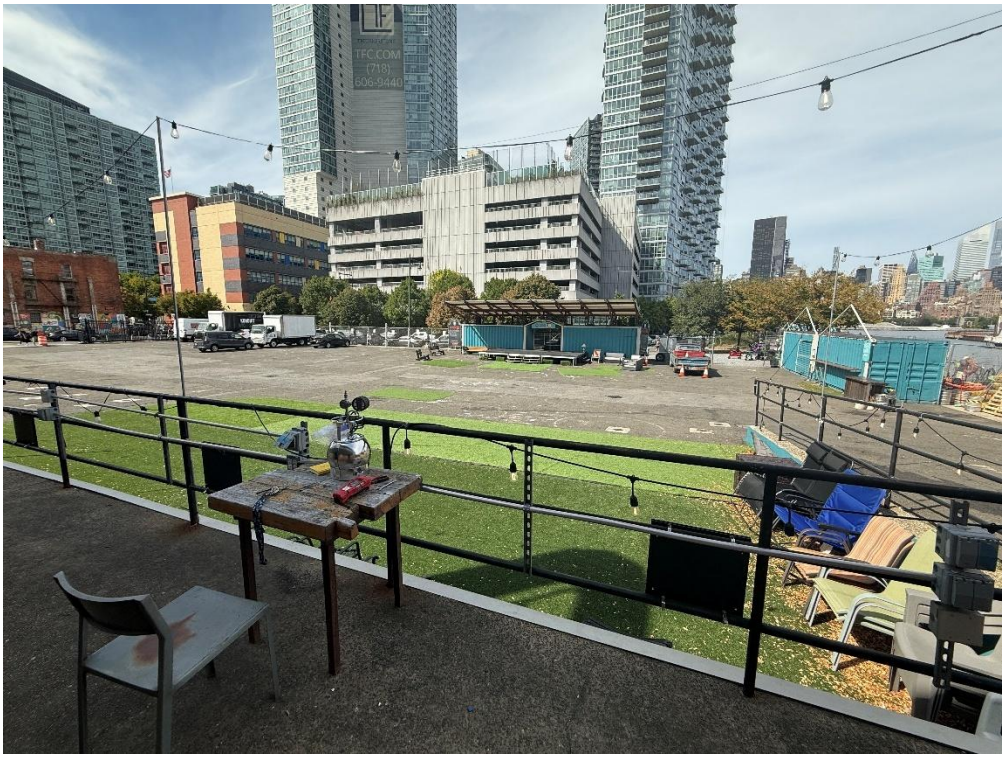


Photo 7 (9/21/2025 – Post-LNAPL Recovery): View of ambient air sample at MW30D

Photo 8 (9/21/2025 – Post-LNAPL Recovery): View of indoor air sample at MW16D/MW19D